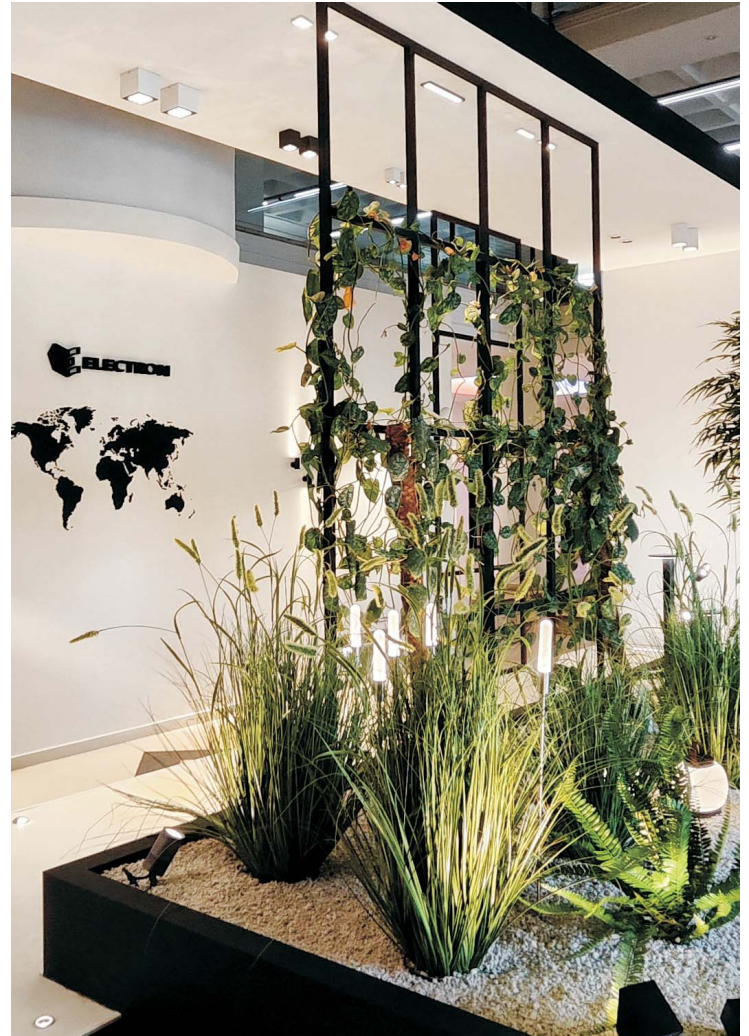


LED &  
ARCH  
ITECT  
URAL  
LIGHT  
TING

2024



[www.electron.gr](http://www.electron.gr)





ELECTRON was established in 1978 and since then has been a leading manufacturing and distributing company in the lighting field. The company has been active in the international field for more than 20 years and today exports its products in more than 60 countries worldwide, sealing its dynamic presence by participating in international lighting exhibitions around the world. It is located in Athens, Greece.

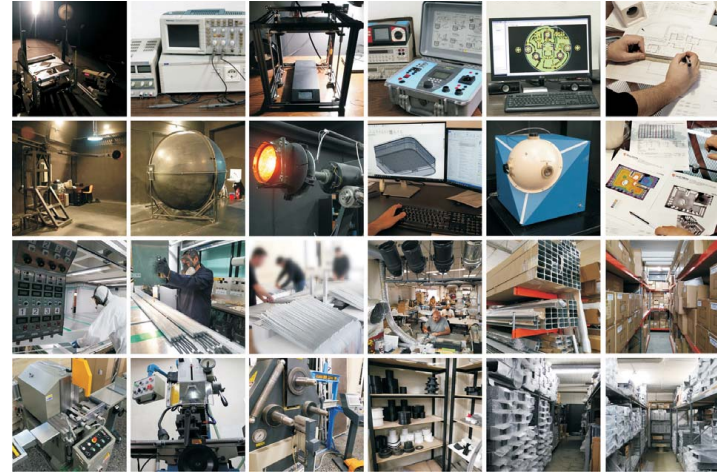
The company originally started in the theatrical field with the design, development and production of lighting management systems. Due to this experience, the company has deep knowledge and know-how of the electronics of the luminaires and the lighting management systems. Electron also designs and produces Casambi partner products (switches and drivers), used with the Casambi App available for both iOS and Android.

ELECTRON is certified with ISO 9001:2015 for the design, development, production and marketing of professional lighting systems.

**The ELECTRON team**

Electron team consists of qualified and well trained staff with common view the delivery of products of highest quality.

The R&D department consists of experienced and qualified engineers who ensure the design and development of innovative products, excellent in design, technology, and ergonomics. Custom solutions and designs are also possible for evaluation and/or production. The sales team has engineers with deep knowledge of the lighting industry who are eager to provide the best possible solutions in terms of functionality and aesthetics. The production department has qualified staff who together with the high quality raw materials, and quality control ensure the delivery of excellent in performance products. The after sales team is available to our partners for technical support, information, and back up service. Electron luminaires are offered with their photometric data. Electron has in house photometry lab that ensures photometric data of the collection and at the same time quick reliable measurements for mock up and custom products. Electron also collaborates with the Lighting Laboratory of the National Technical University of Athens (NTUA). The Lighting Laboratory of NTUA has been established in 1955 with experienced and qualified specialists.



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www.electron.gr

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## OUTDOOR LIGHTING

The Outdoor collection consists of a complete series of outdoor luminaires custom made with well-known and well established families of products. Linear outdoor luminaires include the design and production of wall washers and PU (Polyurethane) potted luminaires all custom made according to the needs of each project. All are offered with input cable and IP68 connector as standard, but with a possibility also for in-out cable and IP68 connector supplied as extra. Protagon is the highest in performance weather and Elegant series consists of different models: MAX II, Max, Midi, Mini and HV. PU (Polyurethane) potted linear luminaires have a variety of linear profiles including Outliner series (surface, recessed, installation with brackets) available in different widths IP67 (Recessed IP66) all custom made in terms of CCT, Wattage and length, offered at different dimensions custom made according to the illuminated areas. All PU (Polyurethane) potted luminaires offer excellent uniformity with colour consistency. Outdoor collection includes also a variety of Projectors such as Box, Conny and Tondo series offered at different wattage, CCT, beam angles and with a variety of accessories (snoot, honeycomb, tree belt, pole base and spike).

ELECTRON launches its newest Terragon series of inground linear luminaires: Terragon 80 and Terragon 40 (IK10). The series either allows to adjust the tilt of the luminaire on site (IP67) or it is offered with a fixed tilt angle (IP68). It is supplied monochromatic, RGBW, TW in a variety of different degrees custom made with a length of up to 1m. Terano series has been expanded and besides Terano 25, the newest model Terano 40 is also available, both custom made inground linear PU (Polyurethane) potted luminaires available either with opal or with clear finish with a length of up to 2m. Terano offers excellent uniformity with colour consistency. It is IP68 and IK10, available either with aluminium or with stainless steel luminaire body and mounting box. Outdoor collection also includes other inground linear, round and square luminaires such as Oscar newest series, Gretto series recessed and trimless, as well as surface mounted, recessed, wall, trimless luminaires, bollard and decorative rechargeable luminaires.

Outdoor collection also includes ceiling recessed or trimless downlights that are offered in these categories respectively, as well as waterproof led strips and Milky flexible LED offered with a protection rate of either IP65, IP66, IP67 or IP68.



## WEATHER RESISTANT

## Marine Type features:

**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12208 (formerly 856496), EN13438 (formerly 856477:1984) and ANMA 2604.

**Exterior Durability:**  
Meets qualicoat class 2 requirements after 3 years Florida  
Meets ANMA 2604-13 requirements after 5 years Florida

**High Resistance to:**  
Weather, UV, Water and mould growth

## PU (Polyurethane) material:

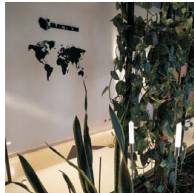
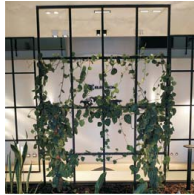
Is- component polyurethanes, transparent or translucent for homogeneous light dispersion.

## Fully compliance with:

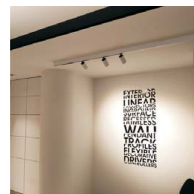
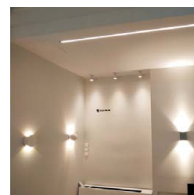
REACH, RoHS and EU European Directives, EC – Directives 89/109 Contact with Food.  
**Resistance to:**  
Outdoor – Chemicals – Short term water immersion – Hot water, Thermal Shock – Heat – Abrasion  
**In accordance to:**  
Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279



Request our catalogues:  
**Lighting Management & Control Systems, made in Greece**  
**Entertainment Lighting & Audio Systems**



Athens Showroom



Athens Showroom

## INDOOR LIGHTING

Electron has expanded the interior system solutions with Rail and Forma Flex systems. Rail system is suitable for surface and pendant installation, ideal to create an elegant touch to any space. It is available in gold and black colour. Forma Flex is an ultra flexible system that allows almost limitless shapes and solutions. Click it system is suitable for trimless, surface and pendant application with a variety of accessories. And finally Nano miniaturized system besides the surface and pendant installation has available specific curves (surface installation only) and is also available in recessed version. All systems are versatile and adjustable to changes as there is flexibility and easiness in the repositioning of the luminaires. Interior systems (depending on the exact system) consist of a variety of luminaires spots fixed / adjustable, zoom spot, frame, gobo, linear spots, washers, diffused linear rail or tubes and decorative pendant cylindrical and frosted luminaires.

In terms of indoor luminaires, the range consists of a variety of custom made linear indoor luminaires: fixed, surface, adjustable with brackets, recessed, trimless, wall and pendant. All luminaires are custom made mainly with Nichia strips or Cree modules in the dimensions or shapes that fit in each space. Moreover, Electron offers interior spotlights with different shape and wattage consisting mainly of Calisto, Riena and Feta series with CREE or Bridgelux LEDs.

Electron Downlights include a great variety of recessed and trimless luminaires available either for indoor or outdoor use. The downlights are offered in different cutouts, depths and wattage, with a selection of the dimming option. Most are offered either with CREE or with Bridgelux LED and with L90/B10 50000h for monochromatic and 3step MacAdam. Some families of downlights offer a selection of accessories: honeycomb, softening lens spread lens and extra IP protection. All downlights are custom made in terms of characteristics CCT, CRI, Watt, beam angle, colour, dimming option and accessories. Electron also offers surface, pendant and wall luminaires most with the above mentioned characteristics. Sena series is one of the newest series of pendant luminaires available in different layouts and in four different endings, adding a decorative touch into any space.

Electron collection also includes the custom made series of Disc, Eclipse, Loop, and Orbit luminaires. These are offered for recessed, trimless, surface, surface deco, pendant direct and pendant direct/indirect installation. Disc and Loop are offered in six different dimensions whereas Eclipse and Orbit are offered in four different dimensions. Upon request custom dimensions may be also available. All luminaires are offered in two models: High Power and High Efficiency with options for low Glare (UGR < 21) and low UGR (UGR < 19) respectively.

Electron collection also includes a great variety of aluminium profiles that offer limitless solutions together with a great collection of the finest LED strips. Prime Series and Supreme series consist of the highest quality of LED strips using Nichia and Samsung LEDs respectively. Electron also offers a variety of Milky flexible LEDs offered with protection rate of IP65/ IP66/ IP67/ IP68. Milky flexible LEDs have vertical or horizontal or twist (both vertical and horizontal) bending possibility. Electron also offers fiber optics and a selection of LED Lamps that include Soraa and Sylvania.

Finally, Electron offers a great selection of Constant Voltage and Constant Current drivers. Electron, also designs, develops and manufactures Premium Series of wall-mounted multifunctional Controllers, available in different versions to meet individual requirements and specifications: Leading Edge Dimmers, Trailing Edge Dimmers, Relay Switches, HF Fluorescent Controllers, Sine Wave Dimmers, LED Drivers, Dali Drivers. Moreover, ELECTRON designs, develops and manufactures ARLIC architectural lighting system, MICON architectural dimmers, LED power supplies, LED dimmers, LED converters, LED boosters, LED controllers, Splitters, Relay packs and other lighting equipment.

ELECTRON due to the 47 years of experience in the development and production of luminaires, Lighting Management & Control Systems, has the ability, to offer unique solutions in terms of the lighting and the control. Each project is carefully designed and managed in order to be perfectly functional, and easy to use for the end users, allowing the possibility to control each light source as desired. ELECTRON offers a variety of dimming options (DMX/ DALI 1-10V/0-10V/Wireless), Bluetooth Control, and Emergency operation.

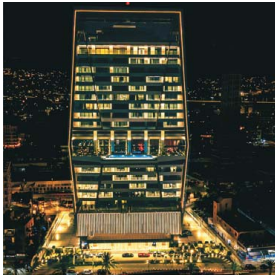




**WASTED Installation**  
of the Architect Show (Athens / Greece)

Lighting Design:  
ASlight  
Art: Curator:  
John Velkos & Anna Stoklou  
Video & Graphic Curator:  
Design Ambassador  
Photo:  
Gavril Papadotts

**AWARDS:**  
**(d)arc awards**  
Shortlisted 2022 Art: Low Budget



**ICON TOWER High Rise Residential**  
(Limassol / Cyprus)

Lighting Design:  
Sigala lighting  
Architect:  
UDS Architects  
Photo:  
Marios Ioannides

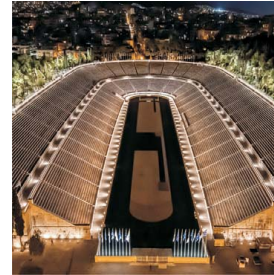
**AWARDS:**  
**(d)arc awards**  
Entries 2022: Structures High Budget

**LDI LIGHTING DESIGN AWARDS**  
Winners in Residential Lighting Design



**Residence**  
(Pafos / Cyprus)  
Lighting Design:  
Aikestie Skarlatou - light in space  
Architect:  
Bena Konstantinidou Architects  
Photo:  
Maria Efthymiou

**AWARDS:**  
**LDI LIGHTING DESIGN AWARDS**  
Winners in Residential Lighting Design



**Panathenaic Stadium**  
(Athens / Greece)

Lighting Design:  
George Iellos  
Photographer:  
Dioniss Koussis

**AWARDS:**  
**LDI LIGHTING DESIGN AWARDS**  
Best Project in 2022 Casambi Awards



**Townhouse**  
(Lefkada / Greece)

Lighting design:  
idea Design Ltd  
Architect:  
Ioanna Zavitanou  
Photo:  
Gavril Papadotts

**AWARDS:**  
**(d)arc awards**  
Structures Low Budget 2022:  
Second Place



**Alkasa Beach Hotel & Spa**  
(Heraklion Crete / Greece)

Architects:  
schema 4 architects  
Photos:  
Manos Elchetzis

**AWARDS:**  
**BIGSEE Interior Design AWARD 2022 Winner**

## Panathenaic Stadium Athens, Greece

### Best Project Casambi Awards 2022

Lighting Design by George Tellos <https://artlic-design.com/>  
Special thanks to the Hellenic Olympic Committee <https://hoc.gr/en>  
Photographer: Dionisis Koutsis

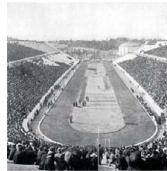
## CASAMBI

### The Stadium

The Panathenaic Stadium is a classical cultural and touristic monument of Greece and one of the most significant monuments not only for Athens, but for the whole of Greece.

It is one of city's most popular touristic attractions and one of Athens' landmarks.

Its rich history is directly connected to the Modern Olympic Games as from their revival in 1896 until the Athens Olympic Games in 2004. It is also the place from where the Olympic flame sets up its journey to the cities of the Olympic Games, Winter, Summer and Youth.



1896 Olympics  
(Panathenaic Stadium)

### Goals/ Restrictions

- Sustainability
- Light Pollution Reduction.
- CCT Adjustability
- CRI > 90
- Homogeneity and Uniformity.
- Fixtures should be placed in the pre-existing 60 available points ensuring zero interference in the historical stadium.
- Wireless individual control of each lighting point.  
MACs in the cabling infrastructure were not allowed.



### Solution

#### Electron

- Illumination of the stadium itself consists of 453 custom made Elegant MAX luminaires.
- 360 fixtures used for the stands, placed in the pre-existing 60 (array of 6 luminaires in each point).
- 93 fixtures used as used as safety units for illuminating the 2 level horizontal corridors.
- Different lenses within each fixture to ensure vertical and horizontal homogeneity.
- Separate aiming and stabilizing of each luminaire.
- Custom DALI D18 power supplies.
- Individual control for each array of 6 luminaires.



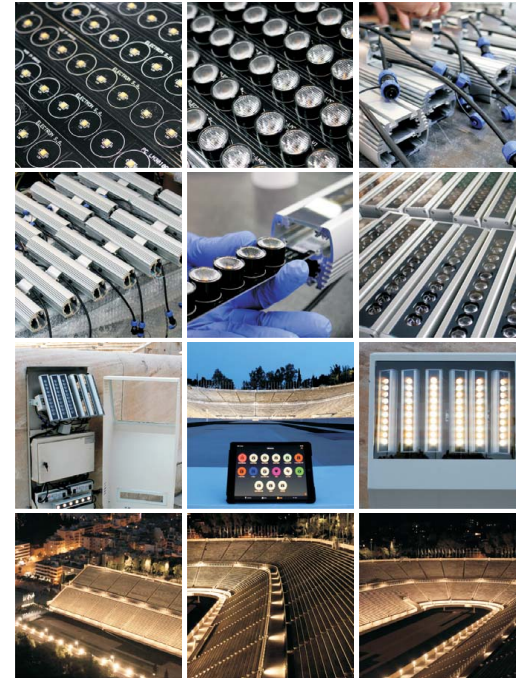
#### Casambi

- Wireless mesh networking.
- DALI D18 TW control from dusk to dawn.
- Time based scene for both CCT and power control.
- Remote access through gateway.
- Control hierarchy.



### Results

- The new lighting system significantly enhanced the sustainability claims.
- Luminosity level drops to 80% after a specific time ensuring sustainability.
- Energy requirements have been reduced by 50% and light pollution by more than 70%.
- Neutral White turns into Warm White as the darkness deepens.
- Both CCTs, in combination with CRI>90, reveal the uniqueness of the Pentelic marble.
- Excellent uniformity levels: elimination of both hot spots & dark spots.
- Preserving the heritage of the historical monument with zero interference.



# C O N T E N T S



## Exterior Linear

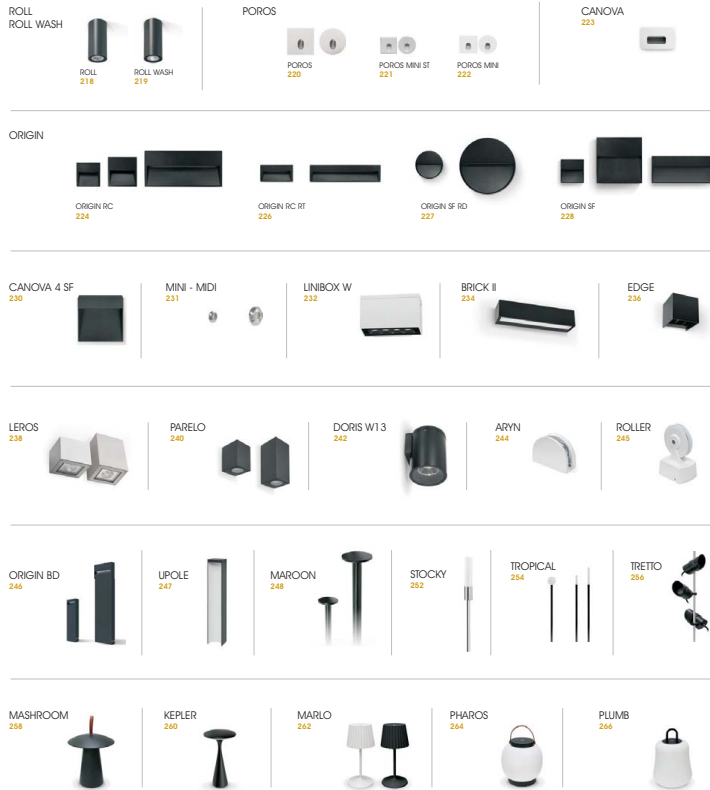
<b>PROTAGON</b> 38						
<b>ELEGANT</b>	<b>ELEGANT MAX II</b> 44	<b>ELEGANT MAX</b> 48	<b>ELEGANT MIDI II</b> 54	<b>ELEGANT MIDI &amp; MIDI ECO</b> 60	<b>ELEGANT MINI &amp; MINI ECO</b> 64	<b>ELEGANT IV</b> 68
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<b>ELECSIA</b> 104	<b>LUMITUBE</b> 106	<b>LUMITUBE IP67</b> 110		<b>DELTA</b> 110		
<b>CORNER II IP67</b> 112	<b>MIDI U IP67</b> 114	<b>CORNER 45 IP67</b> 118				

## Exterior Projectors

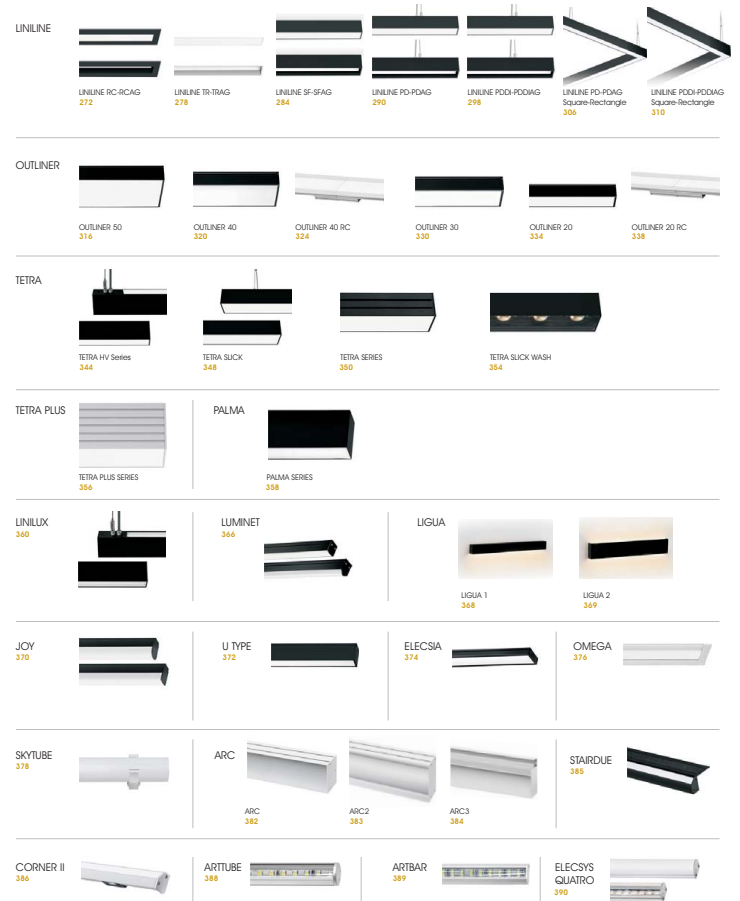
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			<b>GONZO 46</b> 146	<b>GONZO 25</b> 147	<b>GONZO 70 RGBW</b> 148	<b>GONZO 36 RGBW</b> 149
<b>TONDO DENDO</b>	<b>TONDO</b> 150	<b>TONDO MINI</b> 151	<b>TONDO RETROFIT</b> 152	<b>DENDO</b> 153	<b>STORM WASH 61 ZOOM</b> 155	

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<b>OSCAR DAVIDA</b>	<b>OSCAR</b> 194	<b>OSCAR MINI</b> 194	<b>OSCAR D</b> 196	<b>OSCAR MINI D</b> 196	<b>OSCAR W</b> 198	<b>OSCAR MINI W</b> 198	<b>OSCAR V</b> 202
<b>BETTINA</b> 203	<b>HYDRA</b> 204	<b>MINIFLO</b> 205	<b>ZERO</b>	<b>ZERO</b> 206	<b>ZERO-S</b> 207		
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Interior Linear



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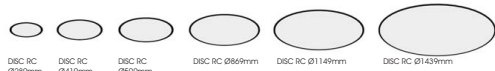
MANDI SYSTEM



484

 Ceiling Recessed

DISC RC  
488



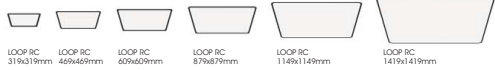
DISC RC Ø269mm    DISC RC Ø419mm    DISC RC Ø509mm    DISC RC Ø869mm    DISC RC Ø1149mm    DISC RC Ø1439mm

ECLIPSE RC  
492



ECLIPSE RC Ø509mm    ECLIPSE RC Ø869mm    ECLIPSE RC Ø1149mm    ECLIPSE RC Ø1439mm

LOOP RC  
496



LOOP RC 319x319mm    LOOP RC 459x459mm    LOOP RC 609x609mm    LOOP RC 879x879mm    LOOP RC 1149x1149mm    LOOP RC 1419x1419mm

ORBIT RC  
500



ORBIT RC 609x609mm    ORBIT RC 879x879mm    ORBIT RC 1149x1149mm    ORBIT RC 1419x1419mm

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SOUL    SOUL DEEP    SOUL ADJ    SOUL ADJ DEEP    SOUL P65    SOUL IP56 DEEP  
SOUL MINI    SOUL MINI DEEP    SOUL MINI ADJ    SOUL MINI ADJ DEEP    SOUL MINI P65    SOUL MINI IP56 DEEP

HIDE RC  
528



HIDE RC    HIDE RC DEEP    HIDE RC DOUBLE    HIDE RC DEEP DOUBLE    HIDE MINI RC    HIDE MINI RC DEEP

SANTI  
536



SANTI    SANTI ADJ    SANTI WASH    SANTI MINI

WHISPER RC  
544



WHISPER RC    WHISPER ADJ

CRUSH RC  
548



CRUSH RC    CRUSH RC DOUBLE

POT  
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POLAR RC

LIMIT RC



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NORDIA



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LIMA



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LIMA DF 4 RC 580    LIMA DF 10 RC    LIMA DF 21 RC    LIMA 4 IP44 RC 582    LIMA 10 IP44 RC    LIMA 4 IP65 RC 584    LIMA 10 IP65 RC    LIMA 21 IP65 RC

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FOCUS RC  
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FOCUS RC    FOCUS RC ADJ

ERIS  
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ERIS LADJ    ERIS L    ERIS M ADJ    ERIS M

MERLYN



MERLYN XL 595    MERLYN 596    MERLYN P44 598

CASTALIA



CASTALIA R 600    CASTALIA S 602    CASTALIA E 604    CASTALIA H 606    CASTALIA A 608    CASTALIA W 610

REVO



REVO M 612    REVO L 614    REVO X 616

BORRELY



BORRELY    BORRELY DOUBLE

VESTA



VESTA 620

AVRA



AVRA 621

JUPITER  
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PETITE ANTI-GLARE  
631



TALLS



TALLS RC 632    TALLS RC ADJ 634

RODITA SORENA



RODITA 636    SORENA 637

KRONOS  
638



RONELO PELO



RONELO 639    PELO 640

HORIZON  
641

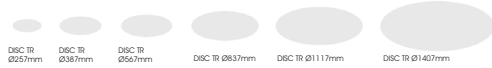


## Contents

### 🏠 Ceiling Trimless

#### DISC TR

644



DISC TR Ø257mm    DISC TR Ø387mm    DISC TR Ø567mm    DISC TR Ø837mm    DISC TR Ø1117mm    DISC TR Ø1407mm

#### ECLIPSE TR

648



ECLIPSE TR Ø667mm    ECLIPSE TR Ø837mm    ECLIPSE TR Ø1117mm    ECLIPSE TR Ø1407mm

#### LOOP TR

652



LOOP TR 300x300mm    LOOP TR 450x450mm    LOOP TR 590x590mm    LOOP TR 860x860mm    LOOP TR 1130x1130mm    LOOP TR 1400x1400mm

#### ORBIT TR

656



ORBIT TR 590x590mm    ORBIT TR 860x860mm    ORBIT TR 1130x1130mm    ORBIT TR 1400x1400mm

#### REFORM TR



REFORM 30 TR 660    REFORM 30 INOUT TR 662    REFORM 52 TR 664    REFORM 52 INOUT TR 666

#### HIDE TR

668



HIDE TR    HIDE TR DEEP    HIDE TR DOUBLE    HIDE TR DEEP DOUBLE    HIDE MINI TR    HIDE MINI TR DEEP

#### WHISPER TR

676



#### CRUSH TR

680



CRUSH TR    CRUSH TR DOUBLE

#### POLAR TR

684



POLAR TR

#### LIMIT TR

688



LIMIT TR IP67-IP68 688    LIMIT TR IP20-IP44 691

#### FOCUS TR

694



FOCUS TR

#### LIMA

696



LIMA 4 TR 696    LIMA 10 TR    LIMA 21 TR    LIMA WASH 10 TR 698    LIMA WASH 21 TR 700    LIMA DF 4 TR 703    LIMA DF 10 TR    LIMA DF 21 TR

#### LUPO

702



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#### HELIO PANDORA HEKTOR GALINO



HELIO 706    PANDORA 707    HEKTOR 708    GALINO 709

#### AMOS PLASTER

710



AMOS/AMOS XL 710    SEAMLESS RD / SQ SHORT / SQ WASH 45' 711    SHARP RD/SQ 712    VERTICO 713    SEAMLESS SQ / SQ2 714    SEAMLESS SQ ADJ / ADJ2 716

#### PLASTER

716



SEAMLESS RD ADJ / RD ADJ2 / CURVE ADJ 716    INVISIBLE SQ ADJ / SQ / RD 717    INVISIBLE RD ADJ / RD ADJ2 / CURVE ADJ 718    EXDS / SPACE-O / SPACE-Z 179    AIR TR 720

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DISC SF Ø270mm    DISC SF Ø400mm    DISC SF Ø560mm    DISC SF Ø850mm    DISC SF Ø1130mm    DISC SF Ø1420mm

#### DISC SF DECO

726



DISC SF DECO Ø270mm    DISC SF DECO Ø400mm    DISC SF DECO Ø560mm    DISC SF DECO Ø850mm    DISC SF DECO Ø1130mm    DISC SF DECO Ø1420mm

#### ECLIPSE SF

730



ECLIPSE SF Ø560mm    ECLIPSE SF Ø850mm    ECLIPSE SF Ø1130mm    ECLIPSE SF Ø1420mm

#### ECLIPSE SF DECO

734



ECLIPSE SF DECO Ø560mm    ECLIPSE SF DECO Ø850mm    ECLIPSE SF DECO Ø1130mm    ECLIPSE SF DECO Ø1420mm

#### LOOP SF

738



LOOP SF 300x300mm    LOOP SF 450x450mm    LOOP SF 590x590mm    LOOP SF 860x860mm    LOOP SF 1130x1130mm    LOOP SF 1400x1400mm

#### LOOP SF DECO

742



LOOP SF DECO 300x300mm    LOOP SF DECO 450x450mm    LOOP SF DECO 590x590mm    LOOP SF DECO 860x860mm    LOOP SF DECO 1130x1130mm    LOOP SF DECO 1400x1400mm

#### ORBIT SF

746



ORBIT SF 590x590mm    ORBIT SF 860x860mm    ORBIT SF 1130x1130mm    ORBIT SF 1400x1400mm

#### ORBIT SF DECO

750



ORBIT SF DECO 590x590mm    ORBIT SF DECO 860x860mm    ORBIT SF DECO 1130x1130mm    ORBIT SF DECO 1400x1400mm

#### TARTA

754



#### REFORM



REFORM 30 756    REFORM 52 758    REFORM 75 SF SPOT 759

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#### LACERTA

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#### MORETO

766



#### TALLUS

768



#### LYRA

769



#### ARIES

770



#### BAREL

771



#### ATLAS

772



Interior Pendant

DISC  
PDD-PDDI  
774



DISC PD-PDDI Ø270mm | DISC PD-PDDI Ø400mm | DISC PD-PDDI Ø680mm | DISC PD-PDDI Ø850mm | DISC PD-PDDI Ø1130mm | DISC PD-PDDI Ø1420mm

ECLIPSE  
PDD-PDDI  
780



ECLIPSE PD-PDDI Ø580mm | ECLIPSE PD-PDDI Ø850mm | ECLIPSE PD-PDDI Ø1130mm | ECLIPSE PD-PDDI Ø1420mm

LOOP  
PDD-PDDI  
786



LOOP PD-PDDI 300x300mm | LOOP PD-PDDI 450x450mm | LOOP PD-PDDI 590x590mm | LOOP PD-PDDI 850x850mm | LOOP PD-PDDI 1130x1130mm | LOOP PD-PDDI 1400x1400mm

ORBIT  
PDD-PDDI  
792



ORBIT PD-PDDI 590x590mm | ORBIT PD-PDDI 860x860mm | ORBIT PD-PDDI 1130x1130mm | ORBIT PD-PDDI 1400x1400mm

AURIGA  
798

ADORNO PD  
RETROFIT  
799

SIENA



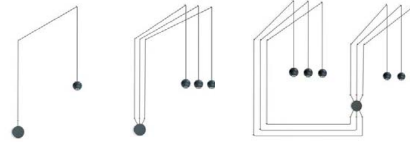
SIENA  
800

SIENA V  
804

SIENA C  
808



SIENA RT  
812



SIENA W  
816

NEBBIA



NEBBIA C  
820

NEBBIA P  
822

NEBBIA S  
824



JERIS  
826



IRIS  
827



METIS  
828

Interior Wall Surface, Recessed

STAY



STAY  
830

STAY RC  
831

SYLVA



SYLVA S  
832

SYLVA L & R  
833

NAMOS



NAMOS  
834

CUBE PL/ FAROS-P



CUBE PL/ FAROS-P  
835

PRICL/ BOWL/ CURB



PRICL/ BOWL/ CURB  
836

WAVE/ JUGER



WAVE/ JUGER  
837

CAFÉ/ MENSA



CAFÉ/ MENSA  
838

LETO/ JUNO



LETO/ JUNO  
839

EUROPA/ IDA



EUROPA/ IDA  
840

EMILIOS/ IKTINOS



EMILIOS/ IKTINOS  
841

URGO PL/ URGO SLEEK



URGO PL/ URGO SLEEK  
842

CIRCLE PL/ CIRCLE LPL



CIRCLE PL/ CIRCLE LPL  
843

CERES L/ CERES



CERES L/ CERES  
844

NECK/SHAPE/ TEAR



NECK/SHAPE/ TEAR  
845

MYRON/ BEAM



MYRON/ BEAM  
846

SATI



























































SATI  
847

LED DOT BEAM, DOT DOME/FROST























































LED DOT BEAM, DOT DOME/FROST  
848

## Aluminium Profiles

<b>LINLINE</b>  LINLINE RC AlProfile 852  LINLINE RCAG AlProfile 854  LINLINE TR AlProfile 856  LINLINE TRAG AlProfile 858  LINLINE SF AlProfile 860  LINLINE SPAG AlProfile 862  LINLINE PD AlProfile 864  LINLINE PDAG AlProfile 866  LINLINE PD Direct/Indirect AlProfile 868  LINLINE PDAG Direct/Indirect AlProfile 870									
<b>OUTLINER</b>  OUTLINER 50 AlProfile 874  OUTLINER 40 AlProfile 846  OUTLINER 30 AlProfile 878  OUTLINER 20 AlProfile 880				<b>TETRA SLICK TETRA TETRA PLUS</b>  TETRA SLICK AlProfile 884  TETRA AlProfile 887  TETRA PLUS AlProfile 891					
<b>LUMINET AlProfile 894</b> 		<b>LIGUA</b>  LIGUA 1 AlProfile 896  LIGUA 2 AlProfile 897		<b>LINART AlProfile 898</b> 		<b>LINI IN LINI OUT</b>  ARC AlProfile 900  ARC AlProfile 901			
<b>JOY AlProfile 902</b> 		<b>U TYPE AlProfile 903</b> 		<b>ELECSIA AlProfile 904</b> 		<b>OMEGA AlProfile 906</b> 		<b>LUNGO AlProfile 907</b> 	
<b>MIDI U</b>  MIDI U AlProfile 908  MIDI U RC AlProfile 909		<b>MINI U</b>  MINI U AlProfile 910  MINI U RC AlProfile 911		<b>ELITE AlProfile 912</b> 		<b>ELECSYS AlProfile 914</b> 			
<b>SHALLOW AlProfile 915</b> 		<b>BENDABLE AlProfile 916</b> 		<b>TINY AlProfile 917</b> 		<b>NEST</b>  NEST XL AlProfile 918  NEST AlProfile 920		<b>CORNISE AlProfile 921</b> 	
<b>ARC</b>  ARC AlProfile 922  ARC2 AlProfile 924  ARC3 AlProfile 926		<b>INGRA INGRA MINI</b>  INGRA AlProfile 928  INGRA MINI AlProfile 929				<b>ARTBAR AlProfile 930</b> 			
<b>ARTIBLE AlProfile 931</b> 		<b>CORNER</b>  CORNER II AlProfile 932  CORNER 45 AlProfile 933		<b>V TYPE AlProfile 934</b> 		<b>CORNER ECO AlProfile 935</b> 			
<b>TRIMLESS ECO AlProfile 936</b> 		<b>TRIMLESS W ECO AlProfile 937</b> 		<b>STAIR DUE AlProfile 938</b> 		<b>TRIMLESS C ECO AlProfile 939</b> 		<b>MANDI AlProfile 940</b> 	


































## Flexible LEDs

<b>PRIME SERIES</b>  PRIME Series HE 944  PRIME Series 945  PRIME Series 946  PRIME Series 947			
<b>SUPREME SERIES</b>  SUPREME Series 950  SUPREME Series 951  SUPREME Series 952  SUPREME Series 953  SUPREME Series 954  SUPREME Series 955  SUPREME Series 956  SUPREME Series 957  SUPREME Series 958  SUPREME Series 959  SUPREME Series 962  SUPREME Series 963  SUPREME Series 964  SUPREME Series 965  SUPREME Series 966  SUPREME Series 967  SUPREME Series 968  SUPREME Series 969  SUPREME Series 970  SUPREME Series 971  SUPREME Series 973			
<b>WIRELESS, DMX512</b>  WIRELESS CONTROL 974  DMX512 DIRECT CONTROL 975			
<b>STANDARD SERIES</b>  STANDARD Series 976  STANDARD Series 977  STANDARD Series 978  STANDARD Series 979  STANDARD Series 980  STANDARD Series 981  STANDARD Series 982  STANDARD Series 983  STANDARD Series 984  STANDARD Series 985  STANDARD Series 986			
<b>5mm WIDTH BENDABLE VARIABLE ANGLE</b>  5mm WIDTH 987  5mm BENDABLE 988  VARIABLE ANGLE 989		<b>SIDE EMITTING</b>  SIDE EMITTING 990  SIDE EMITTING 991	
<b>CONNECTORS ACCESSORIES 991</b> 			
<b>MILKY SERIES</b>  FLAT H MILKY LED 994  SLIM V MILKY LED 1008  TOP V MILKY LED 1013  MINI TOP MILKY LED 1024  BASELINE V MILKY LED 1031  BASELINE V MILKY LED 1034  BASELINE H MILKY LED 1040  DCME MILKY LED 1045			












































**Constant Voltage LED Drivers**

5ch DMX/RDM 1108 	4ch DMX512/ RDM Dim. 1109 	4ch RGBW DMX 1109 	3ch DMX Dim. Converters 1110 	3ch RGB DMX Dim. 1110 
3ch RGB DMX Dim. R Remote Control 1110 	1ch Dim. LED Driving Converters 1111 	DMX to Const.Volt. Converters 1112 	4ch RGBW LED Driving Booster 1113 	3ch RGB Booster 1113 
1ch LED Driving Boosters 1113 	DMX/RDM, DALI-2 D16/D18 RGBW High Frequency 1114 	DALI D18 RGBW High Frequency 1114 	DALI D18 Dual Colour 1114 	DALI to Const.Volt. 1115 
DALI, 1-10V, Phase Cut Const.Volt. 1115 	DALI, 1-10V to Const.Volt. 1116 	1ch High IP Rated Dim. DALI 1117 	1ch High IP Rated Ultra Thin 1120 	1ch High IP Rated 1-10V Dim. 1121 
1ch Dim. 1-10V 1122 	1ch DIM, 1-10V & Push Switch 1122 	1ch Phase Cut Leading or Trailing Edge 1123 	1ch LED Dimmer- Drivers 1124 	1ch Dim. 1-10V Potentiometer 1124 
6 zones RGB/RGBW RF Remote Control 1125 	3ch RGB Dim. RF Remote Control 1125 	5 zones Monochromatic RF Remote Control 1126 	1ch RF Remote Control 1126 	1ch High IP Rated 48VDC/42VDC 1127 
1ch High IP Rated 24VDC 1128 	1ch High IP Rated 12VDC/5VDC 1129 	1ch DIN RAIL 1130 		

**Constant Current LED Drivers**

Single Channel DC to DC Converters 1132 	4ch DMX/RDM to Const.Current 1133 	2ch DMX/RDM to Const.Current NFC Programmable 1134 	4ch DMX512 RDM Decoder 1134 	DMX TW Single Output 2ch 1135 
2ch DMX to Const.Current 1135 	DMX RGBW 1135 	1ch DMX to Const.Current 1136 	1ch DMX/RDM to Const. Current 1136 	1ch DMX to Const.Current 1137 
1ch DMX / 1-10V / Push Dim. 1138 	1ch LED Boosters 1138 	1ch DMX WD Amplitude Dim. 1139 	DALI T08 4ch TW 1140 	DALI T08 4ch RGBW 1140 
4ch DALI to Const.Current 1141 	2ch DALI to Const.Current 1141 	2ch TW D18 DALI to Const.Current NFC Programmable 1142 	1ch D16 DALI to Const.Current NFC Programmable 1142 	1ch DALI to Const.Current or Const.Volt. 1144 
1ch DALI to Const.Current 1145 	1ch DALI WD 1146 	1ch DALI / 1-10V / PUSH WD 1148 	1ch DALI WD NFC Programmable 1150 	1ch DALI Dim. IP68 NFC Programmable 1151 
1ch DALI Dim. IP68 1151 	1ch Dim. 1-10V Const.Current or Const.Volt. 1152 	1ch Dim. 1-10V & Leading or Trailing Edge 1154 	1ch Dim. 1-10V Potentiometer 1154 	1ch Dim. 1-10V 1155 
1ch 1-10V Dim. 1156 	1ch 1-10V WD 1157 	1ch 1-10V Dim. IP68 1158 	1ch Leading or Trailing Edge Phase Cut 1159 	1ch Leading or Trailing Edge Phase Cut 1160 
1ch Phase Cut WD 1162 	1ch Multi Power 1165 	1ch 350-700mA Small Size 1170 	1ch 200-1050mA 1171 	

**EXTE  
RIOR  
LINEAR**



# PROTAGON



Protagon Series of wall washers is the highest in performance of all wall washers offered. It is designed to highlight buildings with grand presence that stand out from their surroundings.

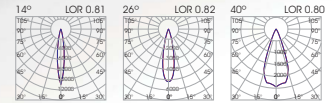
- **Unit pitch:** 6 cm. Pitch is maintained between luminaires.
- **Control:** DMX-512, Galvanic isolated.
- **DMX Resolution:** Normal (8bit), High (16bit).
- **Dimming Steps:** 65535 steps, for very smooth dimming.
- **DMX Channels:** User selectable from 2 channels (for all groups) up to 5 channels /per group.
- **Dimming Curves:** Linear, Logarithmic, Square.
- **Gamma correction:** Yes. From 2.5 to 1/2,5 in steps of 0.1.
- **Anti-glare:** Optional Anti-glare accessory.
- **Setup:** From external Setup Programmer.
- **Over temperature protection:** The wattage of the LED is automatically readjusted in case the temperature exceeds safety levels.
- **Ingress Protection:** IP66
- **Connectors:** Input, Output connectors for power supply and DMX signal.
- **Power Factor:** >0,98
- **Operation Ambient temperature:** -25°C / +50°C.
- **Power Supply:** 90-277VAC 50-60Hz
- **Weight 60/90/120/150cm:** 6,41 / 10,44 / 11,80 / 15,14kgs
- **IK Rate:** IK04

## No. of LEDs per 60cm:

- 10x4 LEDs (4in1) for Monochromatic and Tunable White models.
- 10 multi colour LEDs (4in1) for RGBW models.

## L90/B10 50000h RGBW

Monochromatic:  
**L90/B10 50000h** Red, Green, Blue  
**L70/B10 50000h** Amber  
**L70/B10 36000h** White



Model	Luminaire Colour**	CCT - CRI	110W	168W	220W	275W	Beam Angle	Watt / Length
			LED Source	LED Source	LED Source	LED Source		
PROTAGON (PROTAGON)	Grey (GR)	2700K - 80CRI (2780)	8120lm	12180lm	16240lm	20300lm	14° (14)	110W / 60cm (1120M050)
	Marine Type (MT)	2700K - 90CRI (2790)	6120lm	9180lm	12240lm	15300lm		
		300K - 80CRI (3080)	8680lm	13020lm	17360lm	21700lm	26° (26)	165W / 90cm (165W090)
		300K - 90CRI (3090)	6640lm	9960lm	13280lm	16600lm		
		400K - 80CRI (4080)	8680lm	13020lm	17360lm	21700lm	40° (40)	220W / 120cm (220W120)
		6500K - 70CRI (6570)	9880lm	14820lm	19760lm	24700lm		
		Red (RD)	6360lm	9540lm	12720lm	15900lm	275W / 150cm (275W150)	
		Green (GR)	10860lm	16280lm	21710lm	27140lm		
		Blue (BL)	3250lm	4880lm	6504lm	8130lm		
		Amber (AM)	6360lm	9540lm	12720lm	15900lm		
	Tunable WC 4in1 (WC4*)	8990lm	13480lm	17970lm	22460lm			
	RGBW (RGBW)	4200lm	6300lm	8400lm	10500lm			

\*WC4: Tunable 2700K-6500K 4in1  
 \*\* Available in RAL colours upon request.

Ordering Code Example: **PROTAGON-GR-3080-14-165W090**

## Marine Type

PROTAGON is also available in Marine type with the following characteristics:

### Powder Coating:

- ✓ Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

### Exterior Durability:

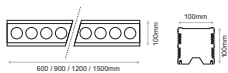
- ✓ Meets qualicoat class 2 requirements after 3 years Florida
- ✓ Meets AAMA 2604-13 requirements after 5 years Florida

### High Resistance to:

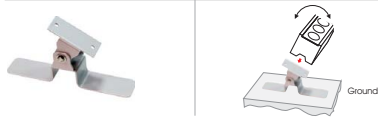
- ✓ Weather, ✓ UV, ✓ Water and mould growth



WEATHER RESISTANT



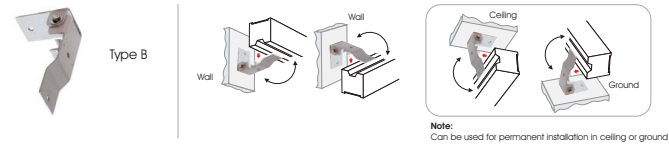
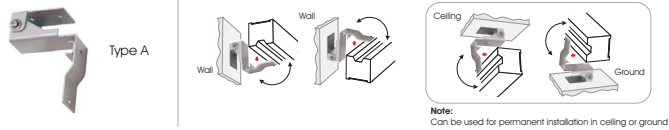
1. Movable Ground Bracket



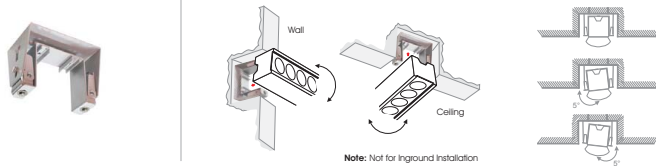
2. Fixed Ceiling or Ground Bracket



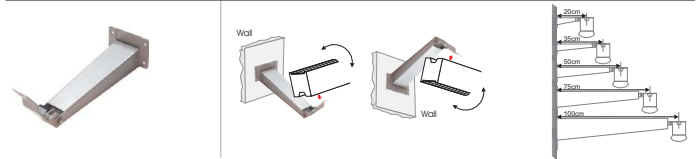
3. Fixed 10cm Wall Bracket Type A & Type B



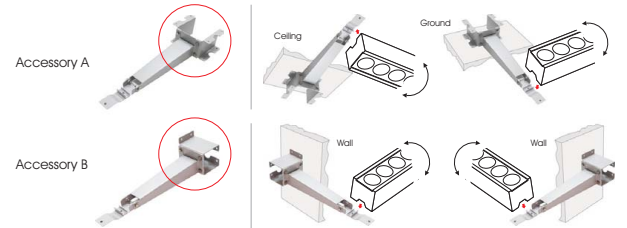
4. Recessed Bracket ±5°



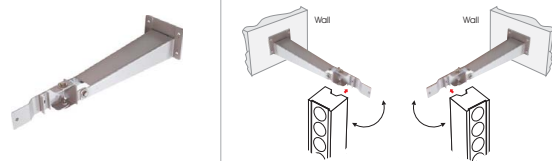
5. Fixed 20 ,35 ,50 ,75 ,100cm Wall Bracket



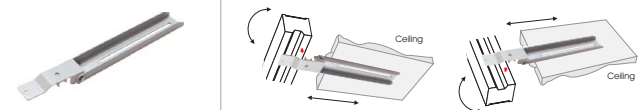
Accessories for other ways of installing 35 ,50 ,75 ,100cm Wall Bracket



6. Adaptor for Vertical Wall Installation



7. Slide Bracket

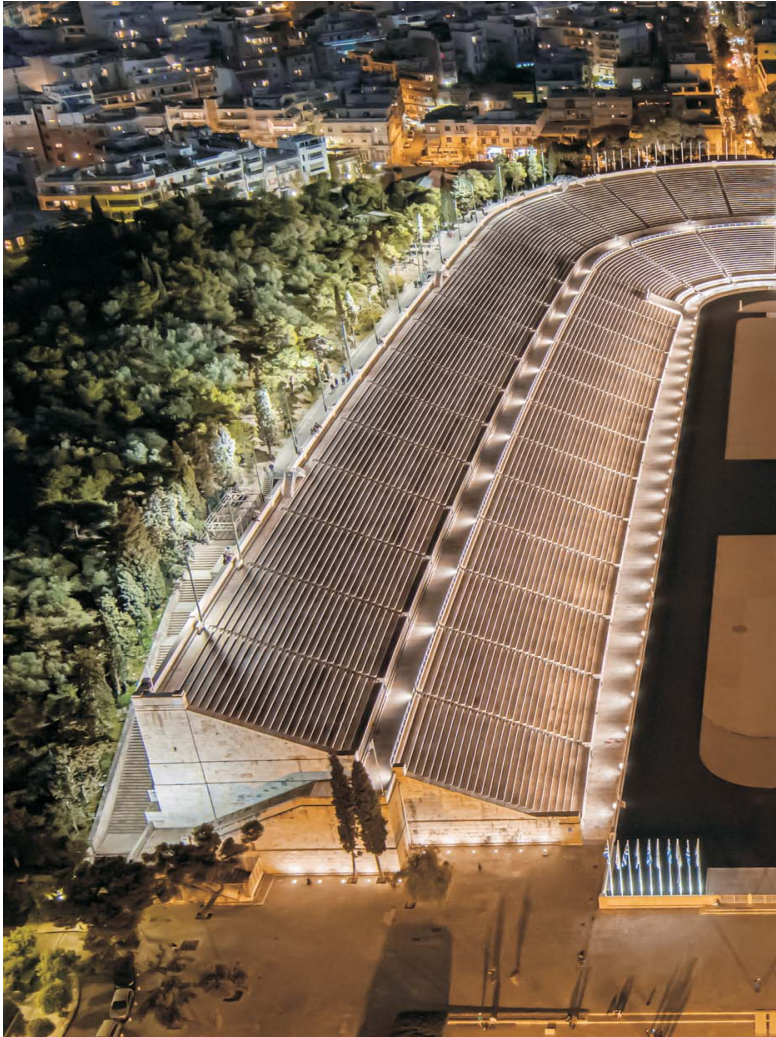


8. Antiglare Accessory

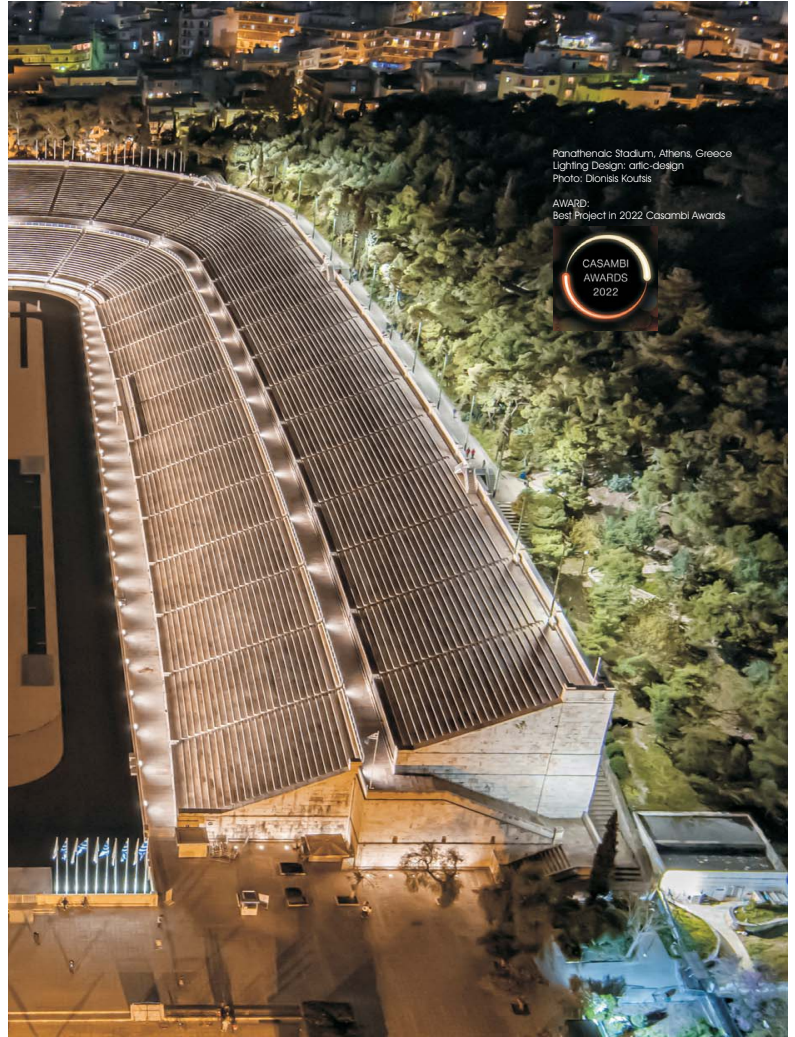


9. DMX SET UP Programmer





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antonias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antonias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

# ELEGANT MAX II

Elegant Max II is of Elegant series is a high performance model, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 30.5cm offered in extra version only). It is available upon request in different RAL colours.

**L90/810 50.000h**  
for monochromatic models

**L70/810 50.000h**  
for RGBW models



Exterior Linear



ELEGANT MAX II



**Lighting management options:**  
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

**Technical features:**

Installation:	Surface mounted, Wall mounted
LED light source:	High power RGBW 4in1LEDs
Optics:	Monochrome, Tunable White (2in1): 8° Monochrome, Tunable White (2in1), RGBW, RGBA: 12°, 22°, 45°, 60°, 12°x40°, 15°x60°, 15°x80°, 40°x12°, 50°x15°, 80°x15° 30.5cm / 60.5cm / 90.5cm / 120.5cm / 150.5cm
Lengths:	6 leds / 12 leds / 18 leds / 24 leds / 30 leds
No. of LEDs 30.5cm / 60.5cm	50 mm (Pitch is maintained between luminaires)
90.5cm / 120.5cm / 150.5cm	Constant voltage 24VDC
Pitch:	30.5cm:17.5W / 60.5cm:35W / 90.5cm:52.5W / 120.5cm:70W / 150.5cm:87.5W
Power supply:	IP66
Power:	Operation Ambient temperature:
Ingress protection:	-25°C to +50°C.
Operation Ambient temperature:	

**Materials:**

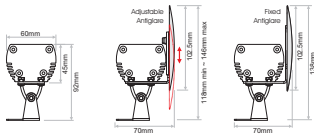
Main body:	Natural anodized anticorrosion aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorrosion die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 66. Fire resistance V-0 (only for standard version, not ECO).
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0.07bar.
Cable gland:	Nickelated brass. IP68.
Connector:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless steel.

**Accessories Materials:**

Ground brackets:	Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts.

**Main Type features:**

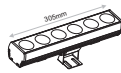
Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS4594), EN13438 (formerly BS4597:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Weather, UV, Water and mould growth
High Resistance to:	Meets AAMA 2604-13 requirements after 5 years Florida Weather, UV, Water and mould growth



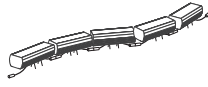
ELEGANT MAX II 30.5cm



ELEGANT MAX II



ELEGANT MAX II 30.5cm



Chain connection with input-output cables (for 30.5cm only in standard version)



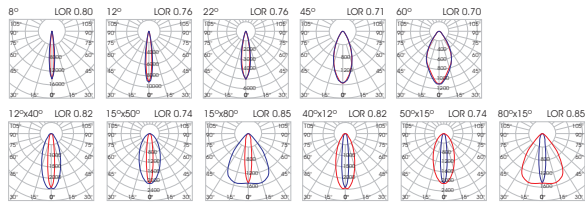
IP66

Model	Luminaire Colour*	Colour - CCT	17.5W LED Source	35W LED Source	52.5W LED Source	70W LED Source	87.5W LED Source	Beam Angle	Wall / Length	Voltage	
<b>ELEGANT MAX II</b> <small>(ELEGANT MAX II)</small>	Anodized (AN)	Mainline Type (MT)	2700K-80CRI (2780)	1690m	3380m	5070m	6760m	8450m	81*** (08)	17.5W / 30.5cm (1810G31)	24VDC
			2700K-90CRI (2790)	1390m	2780m	4170m	5560m	6950m	12° (12)	35W / 60.5cm (2810G41)	
			3000K-80CRI (3080)	1690m	3380m	5070m	6760m	8450m	22° (22)	52.5W / 90.5cm (5330G91)	
			3000K-90CRI (3090)	1480m	2960m	4440m	5920m	7400m	45° (45)	70W / 120.5cm (70M121)	
			4000K-80CRI (4080)	1870m	3740m	5610m	7480m	9350m	60° (60)	87.5W / 150.5cm (88W151)	
			4000K-90CRI (4090)	1580m	3160m	4740m	6320m	7900m	12°x40° (1240)		
	RGBW (3000K) (RGBW30)		905lm	1810m	2715m	3620m	4525m	15°x50° (1550)			
			RGBW (4000K) (RGBW40)	920m	1840m	2760m	3680m	4600m	15°x60° (1560)		
			5700K-80CRI (5780)	1870m	3740m	5610m	7480m	9350m	40°x12° (4012)		
			5700K-90CRI (5790)	1690m	3380m	5070m	6760m	8450m	50°x15° (5015)		
			RGBA (Ambal) (RGBA)	795lm	1590m	2385lm	3180m	3975lm	80°x15° (8015)		
			Tunable WC 2in1 (WC2**)	1200m	2400m	3600m	4800m	6000m			

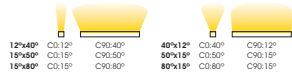
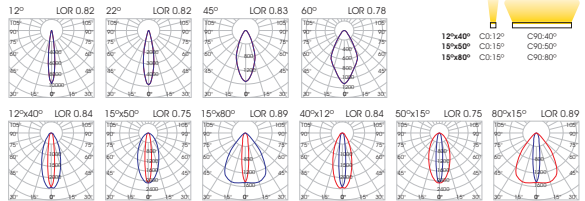
\* Available in RAL colours upon request.  
 \*\* WC2: Tunable 2700K-6500K 2in1  
 \*\*\* 8° only for Monochromatic & Tunable models.

Ordering Code Example: ELEGANT MAX II-AN-RGBW30-45-70W121-24

Monochrome / TW — CW



RGBW / ROSA — CW



Accessories

Ground brackets

Ground bracket INOX-304

INOX-304 (as standard for 60.5/90.5/120.5/150.5cm)



INOX-304 (as standard for 30.5cm)

Ground bracket INOX-316

INOX-316 (as extra for 60.5/90.5/120.5/150.5cm)



INOX-316 (as extra for 30.5cm)

(RAL colours as extra upon request)



Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)



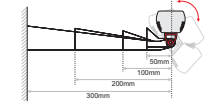
**ELG.002** 5cm Passivated  
**ELGW002** 5cm White RAL9003 mat  
**ELG8002** 5cm Black RAL 9005 mat

**ELG.003** 10cm Passivated  
**ELGW003** 10cm White RAL9003 mat  
**ELG8003** 10cm Black RAL 9005 mat

**ELG.004** 20cm Passivated  
**ELGW004** 20cm White RAL9003 mat  
**ELG8004** 20cm Black RAL 9005 mat

**ELG.005** 30cm Passivated  
**ELGW005** 30cm White RAL9003 mat  
**ELG8005** 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Antiglare

Adjustable Antiglare

accessory (as extra)  
**ELG.039** 31 cm Anodized  
**ELGW039** 31 cm White RAL9003 mat  
**ELG8039** 31 cm Black RAL 9005 mat

**ELG.041** 61 cm Anodized  
**ELGW041** 61 cm White RAL9003 mat  
**ELG8041** 61 cm Black RAL 9005 mat

**ELG.135** 91 cm Anodized  
**ELGW135** 91 cm White RAL9003 mat  
**ELG8135** 91 cm Black RAL 9005 mat

**ELG.136** 121 cm Anodized  
**ELGW136** 121 cm White RAL9003 mat  
**ELG8136** 121 cm Black RAL 9005 mat

**ELG.137** 151 cm Anodized  
**ELGW137** 151 cm White RAL9003 mat  
**ELG8137** 151 cm Black RAL 9005 mat

Fixed Antiglare

accessory (as extra)  
**ELG.138** 31 cm Anodized  
**ELGW138** 31 cm White RAL9003 mat  
**ELG8138** 31 cm Black RAL 9005 mat

**ELG.139** 61 cm Anodized  
**ELGW139** 61 cm White RAL9003 mat  
**ELG8139** 61 cm Black RAL 9005 mat

**ELG.140** 91 cm Anodized  
**ELGW140** 91 cm White RAL9003 mat  
**ELG8140** 91 cm Black RAL 9005 mat

**ELG.141** 121 cm Anodized  
**ELGW141** 121 cm White RAL9003 mat  
**ELG8141** 121 cm Black RAL 9005 mat

**ELG.142** 151 cm Anodized  
**ELGW142** 151 cm White RAL9003 mat  
**ELG8142** 151 cm Black RAL 9005 mat

Input & Output cables

Input cable with IP connectors (as standard for 60.5/90.5/120.5/150.5cm)

Input & Output cable with IP connectors (as extra for 60.5/90.5/120.5/150.5cm) (as standard for 30.5cm)

Input & Output cable with IP connectors (30.5cm only available in this version)

Extension cables with connectors IP68



**2 pole**  
**WIR.546** 2pole 100cm  
**WIR.547** 2pole 200cm  
**WIR.480** 2pole 300cm  
**WIR.481** 2pole 500cm

**3 pole**  
**WIR.476** 3pole 100cm  
**WIR.477** 3pole 200cm  
**WIR.478** 3pole 300cm  
**WIR.479** 3pole 500cm

**4 pole**  
**WIR.482** 4pole 100cm  
**WIR.548** 4pole 200cm  
**WIR.483** 4pole 300cm  
**WIR.484** 4pole 500cm

**5 pole**  
**WIR.549** 5pole 100cm  
**WIR.485** 5pole 200cm  
**WIR.552** 5pole 300cm  
**WIR.486** 5pole 500cm

# ELEGANT MAX

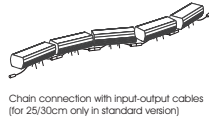
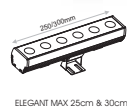
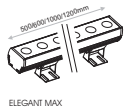
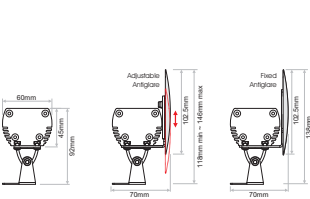
Elegant Max model of Elegant series, is ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare necessary offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

**L90/B10 50.000h**  
for monochromatic models

**L90/B10 50.000h**  
for RGB, RGBW, R, G, B models



ELEGANT MAX



**Lighting management options:**  
On-Off/DALI2, 10V/1, 10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

**Technical features:**

**Installation:** Surface mounted, Wall mounted  
**LED light source:** High power CREE LEDs  
**Optics:** Monochrome, Tunable White (1in1), RGB (1in1); 10°, 25°, 45°, 40°x10° (25 & 30cm only available in monochromatic), Tunable White (3in1), RGB (3in1), RGBW (4in1); 25°, 40°x10°  
**Lengths:** 25cm, 30cm, 50cm, 60cm, 100cm, 120cm  
**No. of LEDs 100, 120cm & 50, 60cm:** Monochrome, Tunable White (1in1), RGB (1in1); 24 leds / 12 leds  
 Tunable White (3in1), RGB (3in1); 72 leds / 36 leds  
 RGBW (4in1); 96 leds / 48 leds  
**No. of LEDs 25cm & 30cm:** Monochrome: 6 leds  
 41,65 mm (Pitch is maintained between luminaires)  
**Pitch for 25cm, 50cm, 100cm:** 50 mm (Pitch is maintained between luminaires)  
**Power supply:** Constant voltage 24VDC  
**Power:** 25cm, 30cm: 17.5W / 50cm, 60cm: 35W / 100cm, 120cm: 70W  
**Ingress protection:** IP66  
**Operation Ambient temperature:** -25°C to +50°C  
**Weight 25/30/50/60/100/120cm:** 0,85 / 1,00 / 1,70 / 2,00 / 3,13 / 3,74kgs (standard models)

**Materials:**

**Main body:** Natural anodized anticorrosal aluminium EN AW-6060.  
**Protective cover:** 3mm tempered Low-Ion glass.  
**Finishes (End caps):** Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).  
**Mounting brackets:** Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.  
**Optics:** PMMA collimating lens.  
**Gaskets:** Silicone rubber.  
**Connector:** Nylon 6.6. Fire resistance V-0 (only for standard version, not ECO).  
**Screw Vent:** PC  
**Pressure equalization:** Screw Vent (Weather) 190mm/min@0,07bar.  
**Cable gland:** Nickelated brass. IP68.  
**Printed circuit:** Insulated metal substrate PCB.  
**Power cords:** 50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.  
**Screws:** Stainless steel.

**Accessories Materials:**

**Ground brackets:** Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.  
**Wall brackets:** Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.  
**Antiglare:** Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

**Maine Type features:**

**Powder Coating:** Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.  
**Exterior Durability:** Meets qualicoat class 2 requirements after 3 years Florida  
 Meets AAMA 2604-13 requirements after 5 years Florida  
**High Resistance to:** Weather, UV, Water and mould growth



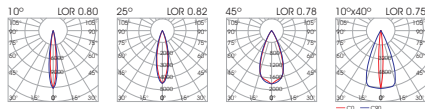




Model	Luminaire Colour**	CCT** - CRI	17.5W LED Source	35W LED Source	70W LED Source	Beam Angle	Wall / Length***	Voltage
<b>ELEGANT MAX</b> <i>(ELEGANT MAX)</i>	Anodized <i>[AN]</i> Maine Type <i>[MT]</i>	2700K - 80CRI <i>[2780]</i>	1690lm	3370lm	6750lm	10° <i>[10]</i>	17.5W / 25cm <i>[18W025]</i>	24VDC <i>[24]</i>
		2700K - 90CRI <i>[2790]</i>	1390lm	2780lm	5560lm	25° <i>[25]</i>	17.5W / 30cm <i>[18W030]</i>	
	3000K - 80CRI <i>[3080]</i>	1780lm	3560lm	7110lm	45° <i>[45]</i>	35W / 50cm <i>[35W050]</i>		
	3000K - 90CRI <i>[3090]</i>	1480lm	2960lm	5930lm	10°x40° <i>[40]</i>	35W / 60cm <i>[35W060]</i>		
	4000K - 80CRI <i>[4080]</i>	1870lm	3740lm	7480lm		70W / 100cm <i>[70W100]</i>		
	4000K - 90CRI <i>[4090]</i>	1690lm	3370lm	6750lm		70W / 120cm <i>[70W120]</i>		
	5700K - 80CRI <i>[5780]</i>	1870lm	3740lm	7480lm				
	5700K - 90CRI <i>[5790]</i>	1690lm	3370lm	6750lm				
	6500K - 80CRI <i>[6580]</i>	1870lm	3740lm	7480lm				
	Tunable WC 1in1 <i>[WC1*]</i>	-	3560lm	7110lm				
	Tunable WNC 1in1 <i>[WNC1*]</i>	-	2950lm	5900lm				
	Red <i>[RD]</i>	920lm	1840lm	3670lm				
	Green <i>[GR]</i>	1650lm	3300lm	6600lm				
	Blue <i>[BL]</i>	470lm	940lm	1870lm				
	Amber <i>[AM]</i>	1010lm	2030lm	4060lm				
	RGB 1in1 <i>[RGB1]</i>	-	1430lm	2850lm				
	Tunable WNC 3in1 <i>[WNC3*]</i>	-	2700lm	5400lm	25° <i>[25]</i>			
	RGB 3in1 <i>[RGB3]</i>	-	2500lm	4900lm	10°x40° <i>[40]</i>			
	RGBW 4in1 <i>[RGBW]</i>	-	2650lm	5310lm				
	RGBA 4in1 <i>[RGBA]</i>	-	2450lm	4890lm				

\*WC1: Tunable 2700K-6500K 1in1  
 \*WNC1: Tunable 2700K-4000K-6500K 1in1  
 \*WNC3: Tunable 2700K-4000K-6500K 3in1  
 \*\* Available in RAL colours upon request  
 \*\*\* 25cm & 30cm only available monochromatic

Ordering Code Example: ELEGANT MAX-AN-3090-45-70W100-24



Ground brackets

Ground bracket INOX-304

INOX-304 (as standard for 50/60/100/120cm)

INOX-304 (as standard for 25/30cm)

Ground bracket INOX-316

INOX-316 (as extra for 50/60/100/120cm)

INOX-316 (as extra for 25/30cm)

(RAL colours as extra upon request)



Antigliare

Adjustable Antigliare accessory (as extra)

ELG.127 25cm Anodized  
 ELGW127 25cm White RAL9003 mat  
 ELGB127 25cm Black RAL 9005 mat

ELG.040 30cm Anodized  
 ELGW040 30cm White RAL9003 mat  
 ELGB040 30cm Black RAL 9005 mat

ELG.006 50cm Anodized  
 ELGW006 50cm White RAL9003 mat  
 ELGB006 50cm Black RAL 9005 mat

ELG.007 60cm Anodized  
 ELGW007 60cm White RAL9003 mat  
 ELGB007 60cm Black RAL 9005 mat

ELG.008 100cm Anodized  
 ELGW008 100cm White RAL9003 mat  
 ELGB008 100cm Black RAL 9005 mat

ELG.009 120cm Anodized  
 ELGW009 120cm White RAL9003 mat  
 ELGB009 120cm Black RAL 9005 mat

Fixed Antigliare accessory (as extra)

ELG.128 25cm Anodized  
 ELGW128 25cm White RAL9003 mat  
 ELGB128 25cm Black RAL 9005 mat

ELG.129 30cm Anodized  
 ELGW129 30cm White RAL9003 mat  
 ELGB129 30cm Black RAL 9005 mat

ELG.130 50cm Anodized  
 ELGW130 50cm White RAL9003 mat  
 ELGB130 50cm Black RAL 9005 mat

ELG.131 60cm Anodized  
 ELGW131 60cm White RAL9003 mat  
 ELGB131 60cm Black RAL 9005 mat

ELG.132 100cm Anodized  
 ELGW132 100cm White RAL9003 mat  
 ELGB132 100cm Black RAL 9005 mat

ELG.133 120cm Anodized  
 ELGW133 120cm White RAL9003 mat  
 ELGB133 120cm Black RAL 9005 mat

Extension cables with connectors IP68



2 pole  
 WIR.546 2pole 100cm  
 WIR.547 2pole 200cm  
 WIR.480 2pole 300cm  
 WIR.481 2pole 500cm

3 pole  
 WIR.476 3pole 100cm  
 WIR.477 3pole 200cm  
 WIR.478 3pole 300cm  
 WIR.479 3pole 500cm

4 pole  
 WIR.482 4pole 100cm  
 WIR.548 4pole 200cm  
 WIR.483 4pole 300cm  
 WIR.484 4pole 500cm

5 pole  
 WIR.549 5pole 100cm  
 WIR.485 5pole 200cm  
 WIR.552 5pole 300cm  
 WIR.486 5pole 500cm

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)



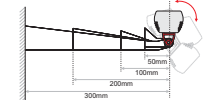
ELG.002 5cm Passivated  
 ELGW002 5cm White RAL9003 mat  
 ELGB002 5cm Black RAL 9005 mat

ELG.003 10cm Passivated  
 ELGW003 10cm White RAL9003 mat  
 ELGB003 10cm Black RAL 9005 mat

ELG.004 20cm Passivated  
 ELGW004 20cm White RAL9003 mat  
 ELGB004 20cm Black RAL 9005 mat

ELG.005 30cm Passivated  
 ELGW005 30cm White RAL9003 mat  
 ELGB005 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



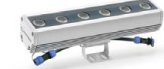
Input & Output cables



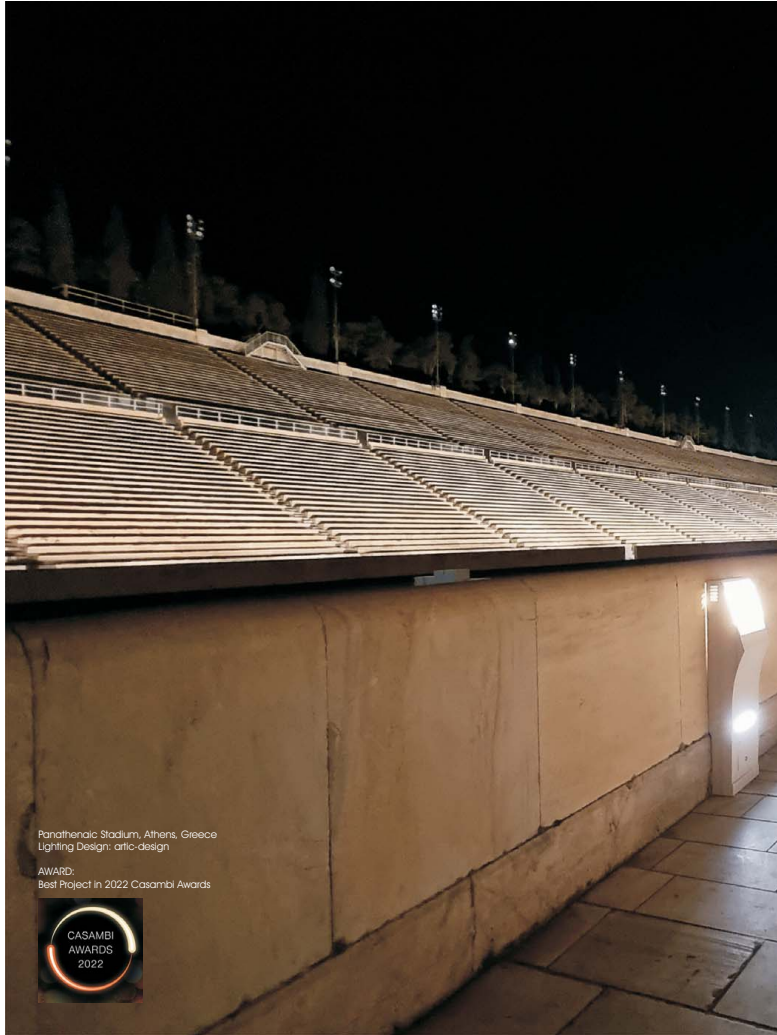
Input cable with IP connectors (as standard for 50/60/100/120cm)



Input & Output cable with IP connectors (as extra for 50/60/100/120cm (as standard 25/30cm))

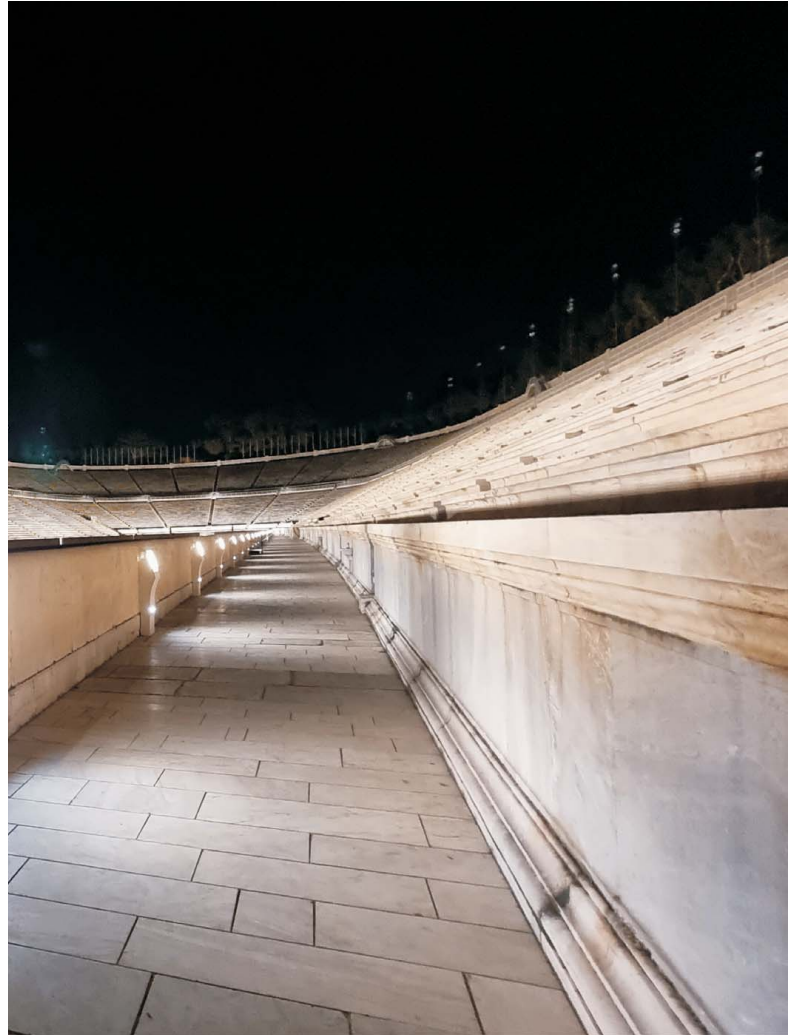


Input & Output cable with IP connectors (25/30cm only available in this version)



Panathenaic Stadium, Athens, Greece  
Lighting Design: artic-design

AWARD:  
Best Project in 2022 Casambi Awards



# ELEGANT MIDI II



ELEGANT MIDI II

Elegant MIDI II is a high performance model of Elegant series. It is an ideal solution for both indoor and outdoor architectural applications. Its design allows wall washing, thanks to the varying lengths of the wall brackets and the consistent pitch between the luminaires. The inclusion of an antiglare accessory ensures the highest level of glare control. It can be provided with an additional output cable featuring an IP68 connector, in addition to the standard input cable (except 25-30cm as standard). Elegant is also available in different RAL colors upon request.

**L90/B10 50.000h**  
for monochromatic models

**L70/B10 50.000h**  
for RGBW & TW models



**Lighting management options:**  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/R/P/PUSH BUTTON/Bluetooth

**Technical features:**

Installation:  
LED light source  
Optics:  
Lengths:  
No. of LEDs: 25cm,30cm  
No. of LEDs: 50cm,60cm  
No. of LEDs: 100cm,120cm:  
Pitch for 25cm, 50cm, 100cm:  
Pitch for 30cm, 60cm, 120cm:  
Power Supply  
Power:  
Ingress protection:  
Operation Ambient temperature:  
Weight 25/30/50/60/100/120cm:

Surface mounted, Wall mounted.  
Samsung LED.  
Monochrome: 15°, 25°, 40°, 10°x30° - 15°x45° RGBW(4in1),RGA (4in1), TW(2in1): 12°, 25°, 15°x30°, 12°x50°  
25cm, 30cm, 50cm, 60cm, 100cm, 120cm  
6 LEDs  
12 LEDs  
24 LEDs  
41,65 mm (Pitch is maintained between luminaires).  
50 mm (Pitch is maintained between luminaires).  
From 24VDC up to 48VDC (depending on the model).  
25cm,30cm: 10W/ 50cm,60cm: 20W/ 100cm, 120cm:40W  
IP65  
-25 C to +50 C .  
0,55/0,65/1,10/1,28 /2,00/ 2,34 kgs (standard models).

**Materials:**

Main body:  
Protective cover:  
Finishes (End caps):  
Mounting brackets:  
Optics:  
Gaskets:  
Connector:  
Screw Vent:  
Pressure equalization:  
Cable gland:  
Printed circuit:  
Power cords:  
Screws:

Natural anodized anticorrosional aluminium EN AW-6060.  
3mm tempered Low-Iron glass.  
Anticorrosional die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).  
Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-304 metal parts.  
PMMA collimating lens.  
Silicone rubber.  
Nylon 6.6. Fire resistance V-0.  
PC  
Screw Vent (Breather) 190ml/min@0,07bar.  
Nickelated brass. P68  
Insulated metal substrate PCB.  
50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant,UV-resistant, temperature range for fixed installation -50C to +80C.  
Stainless steel.

**Accessories Materials:**

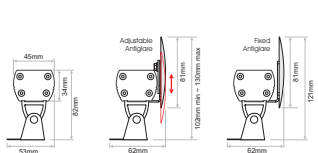
Ground brackets:  
Wall brackets:  
Antiglare:

Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-316 metal parts.  
Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-316 metal parts.  
Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-316 metal parts.

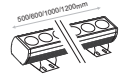
**Main Type features:**

Powder Coating:  
Exterior Durability:  
High Resistance to:

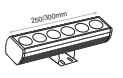
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.  
Meets qualicoat class 2 requirements after 3 years Florida.  
Meets AAMA 2604-13 requirements after 5 years Florida.  
Weather, UV, Water and mould growth.



ELEGANT MIDI II 30.5cm



ELEGANT MIDI II



ELEGANT MIDI II 30.5cm



Chain connection with input-output cables (for 30.5cm only in standard version)



Standard Models



Model	Luminaire Colour**	CCT	CRI	Lead Source	Beam Angle	Watt / Length	Voltage			
<b>40W/m</b>										
<b>ELEGANT MIDI II</b> <i>(ELEGANT MIDI II)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K	80 <i>(2780)</i>	3820lm	15° <i>(15)</i>	10W / 25cm <i>(10W025)</i>	24VDC <i>(24)</i>			
		2700K	90 <i>(2790)</i>	2970lm	25° <i>(25)</i>	10W / 30cm <i>(10W030)</i>				
		3000K	80 <i>(3080)</i>	3820lm	40° <i>(40)</i>	20W / 50cm <i>(20W050)</i>				
		3000K	90 <i>(3090)</i>	3250lm	10°x30° <i>(1030)</i>	20W / 60cm <i>(20W060)</i>				
		4000K	80 <i>(4080)</i>	4100lm	15°x45° <i>(1545)</i>	40W / 100cm <i>(40W100)</i>				
		4000K	90 <i>(4090)</i>	3820lm		40W / 120cm <i>(40W120)</i>				
		5700K	80 <i>(5780)</i>	4385lm						
		<b>TUNABLE WHITE</b>								
		TW <i>(2700K-5700K)</i>	90 <i>(TW90)</i>	2735lm	12° <i>(12)</i>					
				1325+1410lm	25° <i>(25)</i>					
			15°x30° <i>(1530)</i>							
			12°x50° <i>(1250)</i>							
<b>RGBW</b>										
RGBW <i>(AMBER)</i> <i>(RGBW)</i>		1835lm								
RGBW <i>(3000K)</i> <i>(RGBW30)</i>		2125lm								
RGBW <i>(4000K)</i> <i>(RGBW40)</i>		2230lm								
	<i>(RED)</i>	410m								
	<i>(GREEN)</i>	770m								
	<i>(BLUE)</i>	240m								
	<i>(AMBER)</i>	415m								
	<i>(3000K)</i>	705m								
	<i>(4000K)</i>	819m								

\* Available in RAL colours upon request

Ordering Code Example: ELEGANT MIDI II-AN-3080-1030-20W050-24

High Efficiency Models



Model	Luminaire Colour**	CCT	CRI	Lead Source	Beam Angle	Watt / Length	Voltage**			
<b>40W/m</b>										
<b>ELEGANT MIDI II HE</b> <i>(ELEGANT MIDI II HE)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K	80 <i>(2780)</i>	4765lm	15° <i>(15)</i>	10W / 25cm <i>(10W025)</i>	24~48VDC <i>(2448V)</i>			
		2700K	90 <i>(2790)</i>	3710lm	25° <i>(25)</i>	10W / 30cm <i>(10W030)</i>				
		3000K	80 <i>(3080)</i>	4765lm	40° <i>(40)</i>	20W / 50cm <i>(20W050)</i>				
		3000K	90 <i>(3090)</i>	4060lm	10°x30° <i>(1030)</i>	20W / 60cm <i>(20W060)</i>				
		4000K	80 <i>(4080)</i>	5120lm	15°x45° <i>(1545)</i>	40W / 100cm <i>(40W100)</i>				
		4000K	90 <i>(4090)</i>	4765lm		40W / 120cm <i>(40W120)</i>				
		5700K	80 <i>(5780)</i>	5470lm						
		<b>TUNABLE WHITE</b>								
		TW <i>(2700K-5700K)</i>	90 <i>(TW90)</i>	3430lm	12° <i>(12)</i>					
				1630+1800lm	25° <i>(25)</i>					
			15°x30° <i>(1530)</i>							
			12°x50° <i>(1250)</i>							
<b>RGBW</b>										
RGBW <i>(AMBER)</i> <i>(RGBW)</i>		2395lm								
RGBW <i>(3000K)</i> <i>(RGBW30)</i>		2760lm								
RGBW <i>(4000K)</i> <i>(RGBW40)</i>		2895lm								
	<i>(RED)</i>	530m								
	<i>(GREEN)</i>	1010m								
	<i>(BLUE)</i>	320m								
	<i>(AMBER)</i>	530m								
	<i>(3000K)</i>	900m								
	<i>(4000K)</i>	1035m								

\* Available in RAL colours upon request

\*\* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: ELEGANT MIDI II HE-AN-TW90-25-40W120-24



High Efficiency Constant Power Operation Models



Model	Luminaire Colour**	CCT	CRI	Lead Source	Beam Angle	Watt / Length	Voltage**	
<b>ELEGANT MIDI II HE CP</b> <i>(ELEGANT MIDI II HECP)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	<b>TUNABLE WHITE</b>		40W/m	12° <i>(12)</i>	10W / 25cm <i>(10W025)</i> 10W / 30cm <i>(10W030)</i> 20W / 50cm <i>(20W050)</i> 20W / 60cm <i>(20W060)</i> 40W / 100cm <i>(40W100)</i> 40W / 120cm <i>(40W120)</i>	24~48VDC <i>(2448V)</i>	
		TW <i>(2700K-5700K)</i>	90 <i>(TW90)</i>	3455lm	25° <i>(25)</i>			
				3160+3740lm	15°x30° <i>(1530)</i>			
					12°x50° <i>(1250)</i>			
		<b>RGBW</b>		40W/m				
		RGBW <i>(3000K)</i> <i>(RGBW30)</i>		2020lm				
			<i>(RED)</i>	175m				
			<i>(GREEN)</i>	288m				
			<i>(BLUE)</i>	910m				
			<i>(WHITE)</i>	2520m				

\* Available in RAL colours upon request

\*\* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: ELEGANT MIDI II HECP-AN-TW90-25-40W120-2448V



## ELEGANT MIDI II



### Accessories

#### Ground brackets

##### Ground bracket INOX-304



INOX-304  
(as standard for 50/60/100/120cm)

INOX-304  
(as standard for 25/30cmcm)

##### Ground bracket INOX-316



INOX-316  
(as extra for 50/60/100/120cm)

INOX-316  
(as extra for 25/30cmcm)

(RAL colours as extra upon request)



#### Antiglare

##### Adjustable Antiglare accessory (as extra)

**ELG.120** 25cm Anodized  
**ELGW120** 25cm White RAL9003 mat  
**ELGB120** 25cm Black RAL 9005 mat

**ELG.038** 30cm Anodized  
**ELGW038** 30cm White RAL9003 mat  
**ELGB038** 30cm Black RAL 9005 mat

**ELG.010** 50cm Anodized  
**ELGW010** 50cm White RAL9003 mat  
**ELGB010** 50cm Black RAL 9005 mat

**ELG.011** 60cm Anodized  
**ELGW011** 60cm White RAL9003 mat  
**ELGB011** 60cm Black RAL 9005 mat

**ELG.012** 100cm Anodized  
**ELGW012** 100cm White RAL9003 mat  
**ELGB012** 100cm Black RAL 9005 mat

**ELG.013** 120cm Anodized  
**ELGW013** 120cm White RAL9003 mat  
**ELGB013** 120cm Black RAL 9005 mat

##### Fixed Antiglare accessory (as extra)

**ELG.121** 25cm Anodized  
**ELGW121** 25cm White RAL9003 mat  
**ELGB121** 25cm Black RAL 9005 mat

**ELG.122** 30cm Anodized  
**ELGW122** 30cm White RAL9003 mat  
**ELGB122** 30cm Black RAL 9005 mat

**ELG.123** 50cm Anodized  
**ELGW123** 50cm White RAL9003 mat  
**ELGB123** 50cm Black RAL 9005 mat

**ELG.124** 60cm Anodized  
**ELGW124** 60cm White RAL9003 mat  
**ELGB124** 60cm Black RAL 9005 mat

**ELG.125** 100cm Anodized  
**ELGW125** 100cm White RAL9003 mat  
**ELGB125** 100cm Black RAL 9005 mat

**ELG.126** 120cm Anodized  
**ELGW126** 120cm White RAL9003 mat  
**ELGB126** 120cm Black RAL 9005 mat

#### Wall brackets

Fixed 5, 10, 20, 30cm Wall brackets INOX-316 (Set of 2)



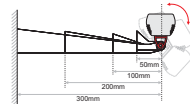
**ELG.002** 5cm Passivated  
**ELGW002** 5cm White RAL9003 mat  
**ELGB002** 5cm Black RAL 9005 mat

**ELG.003** 10cm Passivated  
**ELGW003** 10cm White RAL9003 mat  
**ELGB003** 10cm Black RAL 9005 mat

**ELG.004** 20cm Passivated  
**ELGW004** 20cm White RAL9003 mat  
**ELGB004** 20cm Black RAL 9005 mat

**ELG.005** 30cm Passivated  
**ELGW005** 30cm White RAL9003 mat  
**ELGB005** 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



#### Input & Output cables



Input cable with IP connectors  
(as standard for 50/60/100/120cm)



Input & Output cable with IP connectors  
(as extra for 60/60/100/120cm)  
(as standard for 25/30cmcm)



Input cable (for ECO model)  
Open wire ends with ferrules  
(as standard for ECO model 50/60/100/120cm)

Output cable (for ECO model)  
Open wire ends with ferrules  
(as extra for ECO model 50/60/100/120cm)

Input & Output cable with IP connectors  
(25/30cmcm only available in this version)

#### Extension cables with connectors IP68

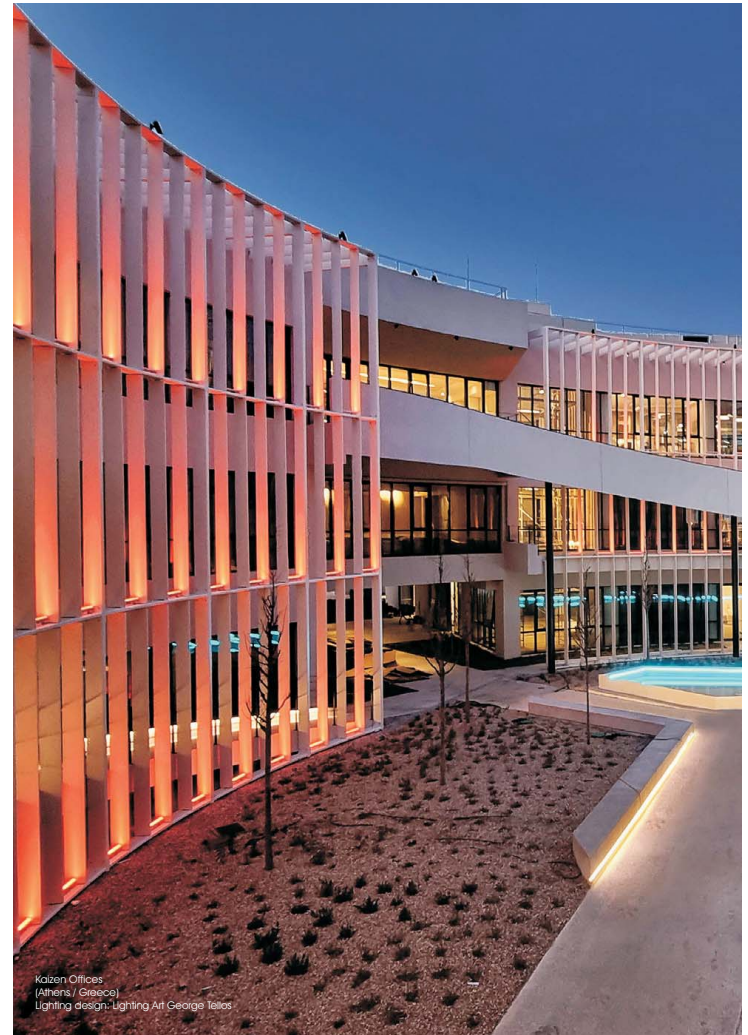


**2 pole**  
**WIR.546** 2pole 100cm  
**WIR.547** 2pole 200cm  
**WIR.480** 2pole 300cm  
**WIR.481** 2pole 500cm

**3 pole**  
**WIR.476** 3pole 100cm  
**WIR.477** 3pole 200cm  
**WIR.478** 3pole 300cm  
**WIR.479** 3pole 500cm

**4 pole**  
**WIR.482** 4pole 100cm  
**WIR.548** 4pole 200cm  
**WIR.483** 4pole 300cm  
**WIR.484** 4pole 500cm

**5 pole**  
**WIR.549** 5pole 100cm  
**WIR.485** 5pole 200cm  
**WIR.552** 5pole 300cm  
**WIR.486** 5pole 500cm



Kabon Offices  
(Athens / Greece)  
Lighting design: Lighting Art George Testas

# ELEGANT MIDI



ELEGANT MIDI

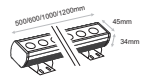
Elegant MIDI is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

**L90/B10 50.000h**  
for monochromatic models

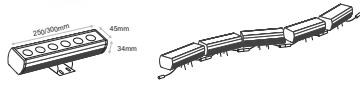
**L90/B10 50.000h**  
for RGB, RGBW, R, G, B models



ELEGANT MIDI 25cm & 30cm



ELEGANT MIDI



ELEGANT MIDI 25cm & 30cm

Chain connection with input-output cables (for 25/30cm only in standard version)

**Lighting management options:**  
On-Off/DIM/IG, 10V/1, 10V/DIM/12/PULSE CUT/RF/PUSH BUTTON/Bluetooth

**Technical features:**

<p><b>Installation:</b> LED light source: Optics: Lengths: No. of LEDs 100, 120cm/50, 60cm: No. of LEDs 25cm &amp; 30cm: Pitch for 25cm, 50cm, 100cm: Pitch for 30cm, 60cm, 120cm: Power supply: Power: Ingress protection: Operation Ambient temperature: Weight 25/30/50/60/100/120cm:</p>	<p>Surface mounted, Wall mounted High power CREE LEDs Monochrome, Tunable White (1in1), RGB (1in1): 10°, 25°, 45°, 40°x10° (25 &amp; 30cm only available in monochromatic), Tunable white (3in1), RGB (3in1), RGBW (4in1); 25°, 40°x10° 25cm, 30cm, 50cm, 60cm, 100cm, 120cm Monochrome, Tunable White (1in1), RGB (1in1): 24 leds / 12 leds Tunable White (3in1), RGB (3in1): 72 leds / 36 leds RGBW (4in1): 96 leds / 48 leds Monochrome: 6 leds 41,65 mm (Pitch is maintained between luminaires) 50 mm (Pitch is maintained between luminaires) Constant voltage 24VDC 25cm, 30cm: 10W / 50cm, 60cm: 20W / 100cm, 120cm: 40W IP66 -25°C to +55°C 0,85 / 0,65 / 1,10 / 1,28 / 2,00 / 2,34kgs (standard models)</p>
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**Materials:**

<p>Main body: Protective cover: Finishes (End caps): Mounting brackets: Optics: Gaskets: Connector: Screw Vent: Pressure equalization: Cable gland: Printed circuit: Power cords: Screws:</p>	<p>Natural anodized anticorrosion aluminium EN AW-6060. 3mm tempered Low-Iron glass. Anticorrosion die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer &amp; polyester). Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts. PMMA collimating lens. Silicone rubber. Nylon 6.6. Fire resistance V-0 (only for standard version, not ECO). PC Screw Vent (Weather) 190m/min@0,07bar. Nickelated brass. IP68. Insulated metal substrate PCB. 50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant. UV-resistant, temperature range for fixed installation -50°C to +80°C. Stainless steel.</p>
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**Accessories Materials:**

<p>Ground brackets: Wall brackets: Antiglare:</p>	<p>Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts. Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts. Natural anodized Anticorrosion aluminium EN AW-6060 with INOX-316 metal parts.</p>
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**Main Type features:**

<p>Power Coating: Exterior Durability: High Resistance to:</p>	<p>Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604. Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida Weather, UV, Water and mould growth</p>
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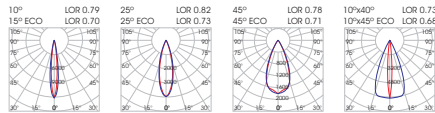
Model	Luminaire Colour**	CCT*** - CRI	10W LED Source	20W LED Source	40W LED Source	Beam Angle	Wall / Length***	Voltage
ELEGANT MIDI <i>(ELEGANT MIDI)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K - 80CRI <i>(2780)</i>	1070mm	2130mm	4260mm	10° <i>(10)</i>	10W / 25cm <i>(10W025)</i>	24VDC <i>(24)</i>
		2700K - 90CRI <i>(2790)</i>	880mm	1760mm	3510mm	25° <i>(25)</i>	10W / 30cm <i>(10W030)</i>	
	3000K - 80CRI <i>(3080)</i>	1120mm	2250mm	4490mm	45° <i>(45)</i>	20W / 50cm <i>(20W050)</i>		
	3000K - 90CRI <i>(3090)</i>	940mm	1870mm	3740mm	10°x40° <i>(40)</i>	20W / 60cm <i>(20W060)</i>		
	4000K - 80CRI <i>(4080)</i>	1180mm	2360mm	4720mm		40W / 100cm <i>(40W100)</i>		
	4000K - 90CRI <i>(4090)</i>	1070mm	2130mm	4260mm		40W / 120cm <i>(40W120)</i>		
	5700K - 80CRI <i>(5780)</i>	1180mm	2360mm	4720mm				
	5700K - 90CRI <i>(5790)</i>	1070mm	2130mm	4260mm				
	6500K - 80CRI <i>(6580)</i>	1180mm	2360mm	4720mm				
	Tunable WC 1in1 <i>(WNC1*)</i>	-	2250mm	4490mm				
	Tunable WNC 1in1 <i>(WNC1*)</i>	-	1690mm	3370mm				
	Red <i>(R)</i>	580mm	1160mm	2320mm				
	Green <i>(GR)</i>	1160mm	2310mm	4620mm				
	Blue <i>(BL)</i>	320mm	630mm	1260mm				
	Amber <i>(AM)</i>	660mm	1320mm	2640mm				
	RGB 1in1 <i>(RGB1)</i>	-	920mm	1840mm				
	Tunable WNC 3in1 <i>(WNC3*)</i>	-	1900mm	3790mm	25° <i>(25)</i>	10°x40° <i>(40)</i>		
	RGB 3in1 <i>(RGB3)</i>	-	1640mm	3280mm				
	RGBW 4in1 <i>(RGBW)</i>	-	1620mm	3230mm				
	RGBA 4in1 <i>(RGBA)</i>	-	1530mm	3050mm				

ECO

Model	Luminaire Colour**	CCT - CRI	20W LED Source	40W LED Source	Beam Angle	Wall / Length***	Voltage
ELEGANT MIDI ECO <i>(ELEGANT MIDI ECO)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K - 80CRI <i>(2780)</i>	2130mm	4260mm	15° <i>(15)</i>	20W / 50cm <i>(20W050)</i>	24VDC <i>(24)</i>
		2700K - 90CRI <i>(2790)</i>	1760mm	3510mm	25° <i>(25)</i>	20W / 60cm <i>(20W060)</i>	
	3000K - 80CRI <i>(3080)</i>	2250mm	4490mm	45° <i>(45)</i>	40W / 100cm <i>(40W100)</i>		
	3000K - 90CRI <i>(3090)</i>	1870mm	3740mm	10°x45° <i>(40)</i>	40W / 120cm <i>(40W120)</i>		
	4000K - 80CRI <i>(4080)</i>	2360mm	4720mm				
	4000K - 90CRI <i>(4090)</i>	2360mm	4720mm				
	6500K - 80CRI <i>(6580)</i>	2360mm	4720mm				
	Tunable WC 1in1 <i>(WNC1*)</i>	2250mm	4490mm				
	Tunable WNC 1in1 <i>(WNC1*)</i>	1690mm	3370mm				
	Red <i>(R)</i>	1160mm	2320mm				
	Green <i>(GR)</i>	2310mm	4620mm				
	Blue <i>(BL)</i>	630mm	1260mm				
	Amber <i>(AM)</i>	1320mm	2640mm				
	RGB 1in1 <i>(RGB1)</i>	920mm	1840mm				
	Tunable WNC 3in1 <i>(WNC3*)</i>	1900mm	3790mm	25° <i>(25)</i>	10°x45° <i>(40)</i>		
	RGB 3in1 <i>(RGB3)</i>	1640mm	3280mm				
	RGBW 4in1 <i>(RGBW)</i>	1620mm	3230mm				

\*\*WNC1: Tunable 2700K-6500K 1in1  
 \*\*\*WNC1: Tunable 2700K-4000K-6500K 1in1  
 \*\*\*WNC3: Tunable 2700K-4000K-6500K 3in1  
 \*\* Available in RAL colours upon request  
 \*\*\* 25cm & 30cm only available mono-chromatic

Ordering Code Example: ELEGANT MIDI-AN-40B0-25-40W120-24



Accessories

Ground brackets

Ground bracket INOX-304

INOX-304  
(as standard for 50/60/100/120cm)

INOX-304  
(as standard for 25/30cm)

Ground bracket INOX-316

INOX-316  
(as extra for 50/60/100/120cm)

INOX-316  
(as extra for 25/30cm)

[RAL colours as extra upon request]



Antiglare

Adjustable Antiglare  
accessory (as extra)

ELG.120 25cm Anodized  
ELGW120 25cm White RAL9003 mat  
ELGB120 25cm Black RAL 9005 mat

ELG.038 30cm Anodized  
ELGW038 30cm White RAL9003 mat  
ELGB038 30cm Black RAL 9005 mat

ELG.010 50cm Anodized  
ELGW010 50cm White RAL9003 mat  
ELGB010 50cm Black RAL 9005 mat

ELG.011 60cm Anodized  
ELGW011 60cm White RAL9003 mat  
ELGB011 60cm Black RAL 9005 mat

ELG.012 100cm Anodized  
ELGW012 100cm White RAL9003 mat  
ELGB012 100cm Black RAL 9005 mat

ELG.013 120cm Anodized  
ELGW013 120cm White RAL9003 mat  
ELGB013 120cm Black RAL 9005 mat

Fixed Antiglare  
accessory (as extra)

ELG.121 25cm Anodized  
ELGW121 25cm White RAL9003 mat  
ELGB121 25cm Black RAL 9005 mat

ELG.122 30cm Anodized  
ELGW122 30cm White RAL9003 mat  
ELGB122 30cm Black RAL 9005 mat

ELG.123 50cm Anodized  
ELGW123 50cm White RAL9003 mat  
ELGB123 50cm Black RAL 9005 mat

ELG.124 60cm Anodized  
ELGW124 60cm White RAL9003 mat  
ELGB124 60cm Black RAL 9005 mat

ELG.125 100cm Anodized  
ELGW125 100cm White RAL9003 mat  
ELGB125 100cm Black RAL 9005 mat

ELG.126 120cm Anodized  
ELGW126 120cm White RAL9003 mat  
ELGB126 120cm Black RAL 9005 mat

Wall brackets

Fixed 5, 10, 20, 30cm Wall brackets INOX-316 (Set of 2)



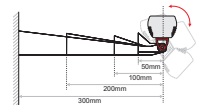
ELG.002 5cm Passivated  
ELGW002 5cm White RAL9003 mat  
ELGB002 5cm Black RAL 9005 mat

ELG.003 10cm Passivated  
ELGW003 10cm White RAL9003 mat  
ELGB003 10cm Black RAL 9005 mat

ELG.004 20cm Passivated  
ELGW004 20cm White RAL9003 mat  
ELGB004 20cm Black RAL 9005 mat

ELG.005 30cm Passivated  
ELGW005 30cm White RAL9003 mat  
ELGB005 30cm Black RAL 9005 mat

[RAL colours as extra upon request]



Input & Output cables

Input cable with IP connectors  
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors  
(as extra for 50/60/100/120cm)

Input cable (for ECO model)  
Open wire ends with ferrules  
(as standard for ECO model 50/60/100/120cm)

Output cable (for ECO model)  
Open wire ends with ferrules  
(as extra for ECO model 50/60/100/120cm)



Input & Output cable with IP connectors  
(25/30cm only available in this version)

Extension cables with connectors IP68



2 pole  
WIR.546 2pole 100cm  
WIR.547 2pole 200cm  
WIR.480 2pole 300cm  
WIR.481 2pole 500cm

3 pole  
WIR.476 3pole 100cm  
WIR.477 3pole 200cm  
WIR.478 3pole 300cm  
WIR.479 3pole 500cm

4 pole  
WIR.482 4pole 100cm  
WIR.548 4pole 200cm  
WIR.483 4pole 300cm  
WIR.484 4pole 500cm

5 pole  
WIR.549 5pole 100cm  
WIR.485 5pole 200cm  
WIR.552 5pole 300cm  
WIR.486 5pole 500cm

# ELEGANT MINI



# ELEGANT MINI

Elegant MINI is the slimmest and lower range in wattage model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector (except 25-30cm offered in extra version only). It is available upon request in different RAL colours.

**L80/B10 50.000h**  
for monochromatic models

**L90/B10 50.000h**  
for RGB, R, G, B models



**Lighting management options:**  
ON-OFF/DIALIG, 10V/1, 10V/DIMX12/PHASE CUT/R/R/PUSH BUTTON/Bluetooth

**Technical features:**

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochromatic, Tunable White (1in1), RGB (1in1): 14°, 27°, 49°, 40°x13° (25 & 30cm only available in monochromatic),
Lengths:	25cm, 30cm, 50cm, 60cm, 100cm, 120cm
No. of LEDs 100, 120cm / 50, 60cm:	24 leds / 12 leds
No. of LEDs 25cm & 30cm:	6 leds
Pitch for 25cm, 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaires)
Pitch for 30cm, 60cm, 120cm:	50 mm (Pitch is maintained between luminaires)
Power supply:	Constant voltage 24VDC
Power:	25cm, 30cm: 6.5W / 50cm, 60cm: 13W / 100cm, 120cm: 26W
Ingress protection:	IP66
Operation Ambient temperature:	-25°C to +50°C
Weight 25/30/50/60/100/120cm:	0,27 / 0,35 / 0,532 / 0,680 / 0,970 / 1,120kgs (standard models)

**Materials:**

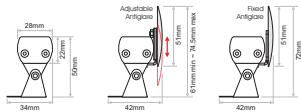
Main body:	Natural anodized anticorrosal aluminium EN AW-6060.
Protective cover:	3mm tempered Low-Iron glass.
Finishes (End caps):	Anticorrosal die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens.
Gaskets:	Silicone rubber.
Connector:	Nylon 6.6. Fire resistance V-0 (only for standard version, not ECO).
Pressure equalization:	Screw Vent (Breather) 190m/min@0,07bar.
Cable glands:	Nickelated brass: P168.
Printed circuit:	Insulated metal substrate PCB.
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel.

**Accessories Materials:**

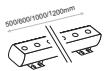
Ground brackets:	INOX-316 metal parts.
Wall brackets:	INOX-316 metal parts.
Antiglare:	Natural anodized Anticorrosal aluminium EN AW-6060 with INOX-316 metal parts.

**Main Type features:**

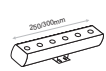
Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth



ELEGANT MINI 25cm & 30cm



ELEGANT MINI



ELEGANT MINI 25cm & 30cm



Chain connection with input-output cables (for 25/30cm only in standard version)





ELEGANT MINI



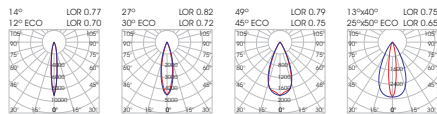
Model	Luminaire Colour**	CCT*** - CRI	LED Source			Beam Angle	Watt / Length***	Voltage
			6.5W	13W	26W			
<b>ELEGANT MINI</b> <i>(ELEGANT MINI)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K - 80CRI <i>(2780)</i>	510lm	1030lm	2060lm	14° <i>(14)</i>	6.5W / 25cm <i>(07VG25)</i>	24VDC <i>(24)</i>
		2700K - 90CRI <i>(2790)</i>	390lm	770lm	1550lm	27° <i>(27)</i>	6.5W / 30cm <i>(07VG30)</i>	
	3000K - 80CRI <i>(3080)</i>	550lm	1090lm	2190lm	49° <i>(49)</i>	13W / 50cm <i>(13VG50)</i>		
	3000K - 90CRI <i>(3090)</i>	420lm	840lm	1680lm	13°x40° <i>(40)</i>	13W / 60cm <i>(13VG60)</i>		
	4000K - 80CRI <i>(4080)</i>	550lm	1090lm	2190lm		26W / 100cm <i>(26W100)</i>		
	4000K - 80CRI	550lm	1090lm	2190lm	26W / 120cm <i>(26W120)</i>			
	6500K - 70CRI <i>(6570)</i>	624lm	1250lm	1250lm				
	Tunable WC 1in1	<i>(WC1*)</i>	-	1140lm	2280lm			
	Tunable WNC 1in1	<i>(WNC1*)</i>	-	1260lm	2530lm			
	Red <i>(RD)</i>	340lm	680lm	1360lm				
	Green <i>(GR)</i>	770lm	1530lm	3070lm				
	Blue <i>(BL)</i>	220lm	440lm	880lm				
	Amber <i>(AM)</i>	420lm	840lm	1680lm				
	RGB 1in1	<i>(RGB1)</i>	-	650lm	1290lm			

ECO

Model	Luminaire Colour**	CCT*** - CRI	LED Source			Beam Angle	Watt / Length***	Voltage
			6.5W	13W	26W			
<b>ELEGANT MINI ECO</b> <i>(ELEGANT MINI ECO)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K - 80CRI <i>(2780)</i>	510lm	1030lm	2060lm	12° <i>(12)</i>	6.5W / 25cm <i>(07VG25)</i>	24VDC <i>(24)</i>
		2700K - 90CRI <i>(2790)</i>	390lm	770lm	1550lm	30° <i>(30)</i>	6.5W / 30cm <i>(07VG30)</i>	
	3000K - 80CRI <i>(3080)</i>	550lm	1090lm	2190lm	45° <i>(45)</i>	13W / 50cm <i>(13VG50)</i>		
	3000K - 90CRI <i>(3090)</i>	420lm	840lm	1680lm	25°x50° <i>(50)</i>	13W / 60cm <i>(13VG60)</i>		
	4000K - 80CRI <i>(4080)</i>	550lm	1090lm	2190lm		26W / 100cm <i>(26W100)</i>		
	4000K - 80CRI	550lm	1090lm	2190lm	26W / 120cm <i>(26W120)</i>			
	6500K - 70CRI <i>(6570)</i>	624lm	1250lm	1250lm				
	Tunable WC 1in1	<i>(WC1*)</i>	-	1140lm	2280lm			
	Tunable WNC 1in1	<i>(WNC1*)</i>	-	1260lm	2530lm			
	Red <i>(RD)</i>	340lm	680lm	1360lm				
	Green <i>(GR)</i>	770lm	1530lm	3070lm				
	Blue <i>(BL)</i>	220lm	440lm	880lm				
	Amber <i>(AM)</i>	420lm	840lm	1680lm				
	RGB 1in1	<i>(RGB1)</i>	-	650lm	1290lm			

\*\*WC1: Tunable 2700K-6500K 1in1      \*\* Available in RAL colours upon request  
 \*\*WNC1: Tunable 2700K-4000K-6500K 1in1      \*\*\* 25cm & 30cm only available monochromatic

Ordering Code Example: ELEGANT MINI-AN-6570-14-13W060-24



ELEGANT MINI

Accessories

Ground brackets

Ground bracket INOX-304

INOX-304  
(as standard for 50/60/100/120cm)

INOX-304  
(as standard for 25/30cm)

Ground bracket INOX-316

INOX-316  
(as extra for 50/60/100/120cm)

INOX-316  
(as extra for 25/30cm)

(RAL colour as extra upon request)



Antiglare

Adjustable Antiglare  
accessory (as extra)

ELG.113 25cm Anodized  
ELGW113 25cm White RAL9003 mat  
ELGB113 25cm Black RAL 9005 mat

ELG.037 30cm Anodized  
ELGW037 30cm White RAL9003 mat  
ELGB037 30cm Black RAL 9005 mat

ELG.019 50cm Anodized  
ELGW019 50cm White RAL9003 mat  
ELGB019 50cm Black RAL 9005 mat

ELG.020 60cm Anodized  
ELGW020 60cm White RAL9003 mat  
ELGB020 60cm Black RAL 9005 mat

ELG.021 100cm Anodized  
ELGW021 100cm White RAL9003 mat  
ELGB021 100cm Black RAL 9005 mat

ELG.022 120cm Anodized  
ELGW022 120cm White RAL9003 mat  
ELGB022 120cm Black RAL 9005 mat

Fixed Antiglare  
accessory (as extra)

ELG.114 25cm Anodized  
ELGW114 25cm White RAL9003 mat  
ELGB114 25cm Black RAL 9005 mat

ELG.115 30cm Anodized  
ELGW115 30cm White RAL9003 mat  
ELGB115 30cm Black RAL 9005 mat

ELG.116 50cm Anodized  
ELGW116 50cm White RAL9003 mat  
ELGB116 50cm Black RAL 9005 mat

ELG.117 60cm Anodized  
ELGW117 60cm White RAL9003 mat  
ELGB117 60cm Black RAL 9005 mat

ELG.118 100cm Anodized  
ELGW118 100cm White RAL9003 mat  
ELGB118 100cm Black RAL 9005 mat

ELG.119 120cm Anodized  
ELGW119 120cm White RAL9003 mat  
ELGB119 120cm Black RAL 9005 mat

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)

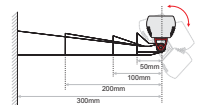
ELG.015 5cm Passivated  
ELGW015 5cm White RAL9003 mat  
ELGB015 5cm Black RAL 9005 mat

ELG.016 10cm Passivated  
ELGW016 10cm White RAL9003 mat  
ELGB016 10cm Black RAL 9005 mat

ELG.017 20cm Passivated  
ELGW017 20cm White RAL9003 mat  
ELGB017 20cm Black RAL 9005 mat

ELG.018 30cm Passivated  
ELGW018 30cm White RAL9003 mat  
ELGB018 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Input & Output cables

Input cable with IP connectors  
(as standard for 50/60/100/120cm)

Input & Output cable with IP connectors  
(as extra for 50/60/100/120cm)  
(as standard for 25/30cm)

Input cable (for ECO model)  
Open wire ends with ferrules  
(as standard for ECO model 50/60/100/120cm)

Input & Output cable with IP connectors  
(25/30cm only available in this version)



Extension cables with connectors IP68



2 pole  
WIR.546 2pole 100cm  
WIR.547 2pole 200cm  
WIR.480 2pole 300cm  
WIR.481 2pole 500cm

3 pole  
WIR.477 3pole 100cm  
WIR.478 3pole 200cm  
WIR.479 3pole 500cm

4 pole  
WIR.548 4pole 100cm  
WIR.549 4pole 200cm  
WIR.483 4pole 300cm  
WIR.484 4pole 500cm

5 pole  
WIR.549 5pole 100cm  
WIR.485 5pole 200cm  
WIR.552 5pole 300cm  
WIR.486 5pole 500cm

# ELEGANT HV



ELEGANT HV

Elegant HV incorporates the power supply in the luminaire itself. It is in the middle range in performance model of Elegant series, ideal for outdoor and indoor architectural applications. It is unique for wall washing due to the different wall bracket lengths and the maintenance of the pitch between the luminaires. It ensures the highest glare control through antiglare accessory offered as extra. It can also be offered (besides the input cable with IP68 connector offered as standard) with an extra output cable with IP68 connector. It is available upon request in different RAL colours.

**L80/B10 50.000h**  
for monochromatic models

**Power Supply**  
**220-240VAC / 50-60Hz**



**Lighting management options:**  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**Technical features:**

Installation:	Surface mounted, Wall mounted
LED light source:	High power CREE LEDs
Optics:	Monochrome: 10°, 25°, 45°, 40°x10°
Lengths:	50cm, 60cm, 100cm, 120cm
No. of LEDs 100,120cm / 50, 60cm:	24leds / 12leds
Pitch for 50cm, 100cm:	41.65 mm (Pitch is maintained between luminaires)
Pitch for 60cm, 120cm:	50 mm (Pitch is maintained between luminaires)
Power supply:	(for all models of ELEGANT HV) 220-240VAC / 50-60Hz
Power:	50cm, 60cm: 18W / 100cm, 120cm: 35W
Ingress protection:	IP66
Ingress Ambient temperature:	-25°C to +50°C
Weight 50/60/100/120cm:	1,71 / 1,95 / 3,08 / 3,37kgs (standard models)

**Materials:**

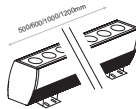
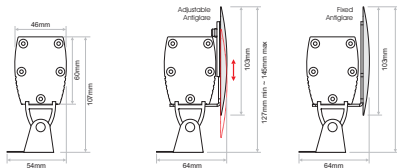
Main body:	Natural anodized anticorrosional aluminium EN AW-6060.
Protective cover:	3mm tempered Low-iron glass.
Finishes (End caps):	Anticorrosional die cast aluminium alloy AS12 with 2 anti-corrosion powder coatings (primer & polyester).
Mounting brackets:	Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-304 metal parts.
Optics:	PMMA collimating lens
Gaskets:	Silicone rubber
Connector:	Nylon 66. Fire resistance V-0
Screw Vent:	PC
Pressure equalization:	Screw Vent (Breather) 190ml/min@0,07bar
Cable gland:	Nickelated brass. IP68.
Printed circuit:	Insulated metal substrate PCB
Power cords:	50cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50oC to +80oC.
Screws:	Stainless steel

**Accessories Materials:**

Ground brackets:	Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-316 metal parts.
Wall brackets:	Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-316 metal parts.
Antiglare:	Natural anodized Anticorrosional aluminium EN AW-6060 with INOX-316 metal parts.

**Marine Type features:**

Powder Coating:	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.
Exterior Durability:	Meets qualicoat class 2 requirements after 3 years Florida Meets AAMA 2604-13 requirements after 5 years Florida
High Resistance to:	Weather, UV, Water and mould growth

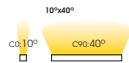
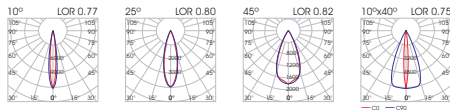




Model	Luminaire Colour*	CCT - CRI	18W LED Source	35W LED Source	Beam Angle	Wall / Length	Dimming Option
<b>ELEGANT HV</b> <i>(ELEGANT HV)</i>	Anodized <i>(AN)</i> Marine Type <i>(MT)</i>	2700K - 80CRI <i>(2780)</i>	2260lm	4390lm	10° <i>(10)</i>	18W / 50cm <i>(18W050)</i>	Non-Dimmable <i>(ND)</i> Analogue [1-10V] <i>(A1)</i> DALI <i>(DL)</i>
		2700K - 90CRI <i>(2790)</i>	1860lm	3620lm	25° <i>(25)</i>	18W / 60cm <i>(18W060)</i>	
	3000K - 80CRI <i>(3080)</i>	2380lm	4620lm	45° <i>(45)</i>	35W / 100cm <i>(35W100)</i>		
	3000K - 90CRI <i>(3090)</i>	1980lm	3850lm	10°x40° <i>(40)</i>	35W / 120cm <i>(35W120)</i>		
	4000K - 80CRI <i>(4080)</i>	2500lm	4850lm				
	4000K - 90CRI <i>(4090)</i>	2260lm	4390lm				
	5700K - 80CRI <i>(5780)</i>	2500lm	4850lm				
	5700K - 90CRI <i>(5790)</i>	2260lm	4390lm				
	6500K - 80CRI <i>(6580)</i>	2500lm	4850lm				
	Red <i>(R)</i>	1210lm	2350lm				
	Green <i>(G)</i>	2480lm	4820lm				
	Blue <i>(BL)</i>	660lm	1290lm				
	Amber <i>(AM)</i>	1390lm	2700lm				

\* Available in RAL colours upon request.

Ordering Code Example: *ELEGANT HV-AN-4080-25-35W120-A1*



Ground brackets

Ground bracket INOX-304



INOX-304  
(as standard for 50/60/100/120cm)

Ground bracket INOX-316



INOX-316  
(as extra for 50/60/100/120cm)

(RAL colours as extra upon request)



Antigliare

Adjustable Antigliare  
accessory (as extra)

- ELG.023** 50cm Anodized
- ELGW023** 50cm White RAL9003 mat
- ELG8023** 50cm Black RAL 9005 mat

- ELG.024** 60cm Anodized
- ELGW024** 60cm White RAL9003 mat
- ELG8024** 60cm Black RAL 9005 mat

- ELG.025** 100cm Anodized
- ELGW025** 100cm White RAL9003 mat
- ELG8025** 100cm Black RAL 9005 mat

- ELG.026** 120cm Anodized
- ELGW026** 120cm White RAL9003 mat
- ELG8026** 120cm Black RAL 9005 mat

Fixed Antigliare  
accessory (as extra)

- ELG.143** 50cm Anodized
- ELGW143** 50cm White RAL9003 mat
- ELG8143** 50cm Black RAL 9005 mat

- ELG.144** 60cm Anodized
- ELGW144** 60cm White RAL9003 mat
- ELG8144** 60cm Black RAL 9005 mat

- ELG.145** 100cm Anodized
- ELGW145** 100cm White RAL9003 mat
- ELG8145** 100cm Black RAL 9005 mat

- ELG.146** 120cm Anodized
- ELGW146** 120cm White RAL9003 mat
- ELG8146** 120cm Black RAL 9005 mat

Wall brackets

Fixed 5,10,20,30cm Wall brackets INOX-316 (Set of 2)



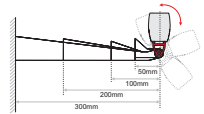
- ELG.002** 5cm Passivated
- ELGW002** 5cm White RAL9003 mat
- ELG8002** 5cm Black RAL 9005 mat

- ELG.003** 10cm Passivated
- ELGW003** 10cm White RAL9003 mat
- ELG8003** 10cm Black RAL 9005 mat

- ELG.004** 20cm Passivated
- ELGW004** 20cm White RAL9003 mat
- ELG8004** 20cm Black RAL 9005 mat

- ELG.005** 30cm Passivated
- ELGW005** 30cm White RAL9003 mat
- ELG8005** 30cm Black RAL 9005 mat

(RAL colours as extra upon request)



Input & Output cables



Input cable with IP connectors  
(as standard for 50/60/100/120cm)



Input & Output cable with IP connectors  
(as extra for 50/60/100/120cm)

Extension cables HV with connectors IP68



- 3 pole HV**
- WIR.491** 3pole HV 100cm
  - WIR.492** 3pole HV 200cm
  - WIR.493** 3pole HV 300cm
  - WIR.494** 3pole HV 500cm

- 5 pole HV**
- WIR.495** 5pole HV 100cm
  - WIR.496** 5pole HV 200cm
  - WIR.497** 5pole HV 300cm
  - WIR.498** 5pole HV 500cm



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artochias Str, N.Philadelpia, 14341 Athens, Greece. info@electron.gr, www.electron.gr



a12 Showroom, Athens, Greece  
Architect: Nikos Glos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artochias Str, N.Philadelpia, 14341 Athens, Greece. info@electron.gr, www.electron.gr

# OUTLINER 50 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**L90/B10 >50.000h**  
for monochromatic models

Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours



Seamless IP67

### PU (Polyurethane) material:

Tri-component polyurethane: transparent or translucent for homogeneous light dispersion.  
Fully compliance with: REACH, RoHS and EU European Directives.  
EC - Directives 89/109 Contact with Food.

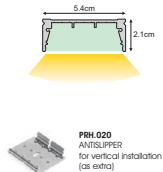
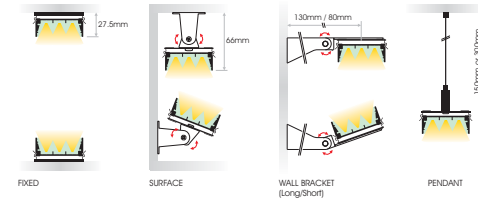
Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.  
Thermal Shock - Heat - Abrasion  
Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87,  
TABER test ASTM D1044, CROCKMETER test ASTM D6279

### Marine Type features:

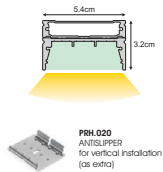
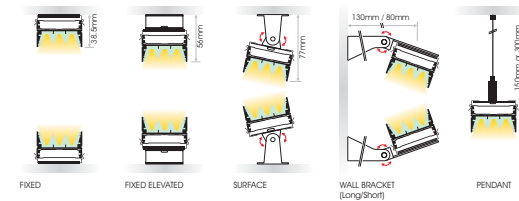
**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN 12206 (formerly B56496), EN13438 (formerly B56497-1984) and ANMA 2604.  
**Exterior Durability:**  
Meets qualicoat class 2 requirements after 3 years Florida  
Meets ANMA 2604-13 requirements after 5 years Florida  
**High Resistance to:**  
Weather, UV, Water and mould growth



## STANDARD



## SEAMLESS



## Connectors



In-out cable with IP68 connectors supplied as standard.

In-Out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)  
**CNC 009** 2 pole connector (monochrome)  
**CNC 013** 4 pole connector (RGB)  
**CNC 053** 5 pole connector (RGBW)



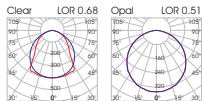
STANDARD



Model*	Luminaire Colour**	CCT	CRI	Watt** / Length	Type	Voltage
<b>OUTLINER 50 IP67 FIXED</b> (OUTLINER50-67F)	Anodized (AV)	2000K (20)	>80 (80)	31.5W / 53cm (32W053)	Clear (CL)	24VDC (24)
	Marine type (MT)	2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)		52.5W / 86.3cm (53W086) 63W / 103cm (63W103) 73.5W / 119.7cm (74W120) 94.5W / 153cm (95W153) 126W / 203cm (126W203)	Opal (OP)	
<b>OUTLINER 50 IP67 SURFACE</b> (OUTLINER50-67S)						
<b>OUTLINER 50 IP67 SHORT BRACKET 8cm</b> (OUTLINER50-67SB)						
<b>OUTLINER 50 IP67 LONG BRACKET 13cm</b> (OUTLINER50-67SL)						
<b>OUTLINER 50 IP67 PENDANT</b> (OUTLINER50-67SP1) H:150cm (OUTLINER50-67SP2) H:300cm						
<b>RGBWW / RGBCW / RGB</b>						
				<b>Colour</b>	<b>Watt / Length</b>	
RGBWW (RGBWW)	40.5W / 53cm (41W053)					
RGBCW (RGBCW)	69.3W / 86.7cm (69W086)					
84LED/m	81W / 103cm (81W103)					
	98.4W / 124.4cm (98W124)					
	121.5W / 153cm (122W153)					
	162W / 203cm (162W203)					
RGBWW (RGBWW)	29.1W / 53cm (29W053)					
RGBCW (RGBCW)	46.8W / 83cm (47W083)					
60LED/m***	58.5W / 103cm (59W103)					
	70.2W / 123cm (70W123)					
	87.6W / 153cm (88W153)					
	117W / 203cm (117W203)					
RGB (RGB94)	34.5W / 53cm (35W053)					
96LED/m	60.3W / 90.5cm (60W091)					
	69W / 103cm (69W103)					
	81.9W / 121.7cm (82W122)					
	103.5W / 153cm (104W153)					
	138W / 203cm (138W203)					
RGB (RGB80)	21.6W / 53cm (22W053)					
60LED/m***	34.8W / 83cm (35W083)					
	43.5W / 103cm (44W103)					
	52.2W / 123cm (52W123)					
	65.1W / 153cm (65W153)					
	87W / 203cm (87W203)					
RGB (RGB30)	10.8W / 53cm (11W053)					
30LED/m***	17.1W / 83cm (17W083)					
	21.6W / 103cm (22W103)					
	25.8W / 123cm (26W123)					
	32.4W / 153cm (32W153)					
	43.2W / 203cm (43W203)					

\* Short term immersion protection.  
 \*\* Available in other colours or/and power upon request.  
 \*\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER50-67B2-AN-4080-53W086-OP-24



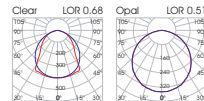
SEAMLESS



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
<b>OUTLINER 50 SEAMLESS IP67 FIXED</b> (OUTLINER50-67SF)	Anodized (AV)	2000K (20)	>80 (80)	31.5W / 50,3cm (32W050)	Clear (CL)	24VDC (24)
	Marine type (MT)	2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)		52.5W / 83,7cm (53W084) 63W / 103,3cm (63W103) 73.5W / 117cm (74W117) 94.5W / 150,3cm (95W150) 126W / 200,3cm (126W200)	Opal (OP)	
<b>OUTLINER 50 SEAMLESS IP67 FIXED ELEVATED</b> (OUTLINER50-67SE)						
<b>OUTLINER 50 SEAMLESS IP67 SURFACE</b> (OUTLINER50-67SS)						
<b>OUTLINER 50 SEAMLESS IP67 SHORT BRACKET 6.5cm</b> (OUTLINER50-67SB1)						
<b>OUTLINER 50 SEAMLESS IP67 LONG BRACKET 11.5cm</b> (OUTLINER50-67SL2)						
<b>OUTLINER 50 SEAMLESS IP67 PENDANT</b> (OUTLINER50-67SP1) H:150cm (OUTLINER50-67SP2) H:300cm						
<b>RGBWW / RGBCW / RGB</b>						
				<b>Colour</b>	<b>Watt / Length</b>	
RGBWW (RGBWW)	40.5W / 50,3cm (41W050)					
RGBCW (RGBCW)	69.3W / 86cm (69W086)					
84LED/m	81W / 100,3cm (81W100)					
	98.4W / 121,7cm (98W122)					
	121.5W / 150,3cm (122W150)					
	162W / 200,3cm (162W200)					
RGBWW (RGBWW)	29.1W / 50,3cm (29W050)					
RGBCW (RGBCW)	46.8W / 80,3cm (47W080)					
60LED/m***	58.5W / 100,3cm (59W100)					
	70.2W / 120,3cm (70W120)					
	87.6W / 150,3cm (88W150)					
	117W / 200,3cm (117W200)					
RGB (RGB94)	34.5W / 50,3cm (35W050)					
96LED/m	60.3W / 87,8cm (60W088)					
	69W / 100,3cm (69W100)					
	81.9W / 119cm (82W119)					
	103.5W / 150,3cm (104W150)					
	138W / 200,3cm (138W200)					
RGB (RGB80)	21.6W / 50,3cm (22W050)					
60LED/m***	34.8W / 80,3cm (35W080)					
	43.5W / 100,3cm (44W100)					
	52.2W / 120,3cm (52W120)					
	65.1W / 150,3cm (65W150)					
	87W / 200,3cm (87W200)					
RGB (RGB30)	10.8W / 50,3cm (11W050)					
30LED/m***	17.1W / 80,3cm (17W080)					
	21.6W / 100,3cm (22W100)					
	25.8W / 120,3cm (26W120)					
	32.4W / 150,3cm (32W150)					
	43.2W / 200,3cm (43W200)					

\* Short term immersion protection.  
 \*\* Available in other colours or/and power upon request.  
 \*\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER50-67SS-AN-RGB60-52W120-OP-24



# OUTLINER 40 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

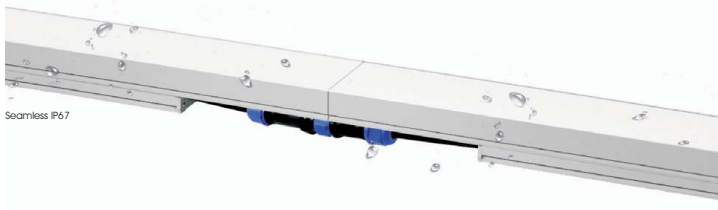
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:  
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**L90/B10 >50.000h**  
for monochromatic models

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours



Seamless IP67

**PU (Polyurethane) material:**

Tri-component polyurethane: transparent or translucent for homogeneous light dispersion.  
Fully compliance with: REACH, RoHS and EU European Directives.  
EC – Directives 89/109 Contact with Food.

Resistance to:  
Outdoor – Chemicals – Short term water immersion – Hot water.  
Thermal Shock – Heat – Abrasion  
Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87,  
TABER test ASTM D1044, CROCKMETER test ASTM D6279

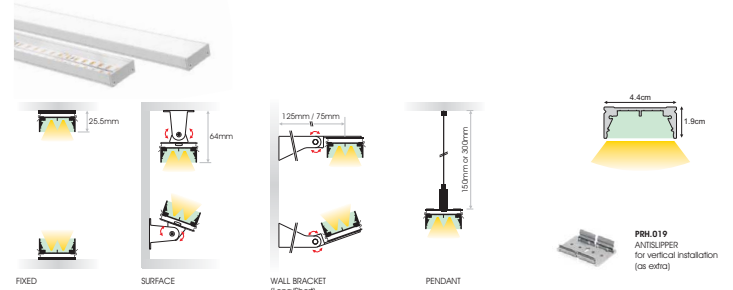
**Marine Type features:**

**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN12206 (formerly B56496), EN13438 (formerly B56497-1984) and ANMA 2604.  
**Exterior Durability:**  
Meets qualicoat class 2 requirements after 3 years Florida  
Meets ANMA 2604-13 requirements after 5 years Florida  
**High Resistance to:**  
Weather, UV, Water and mould growth

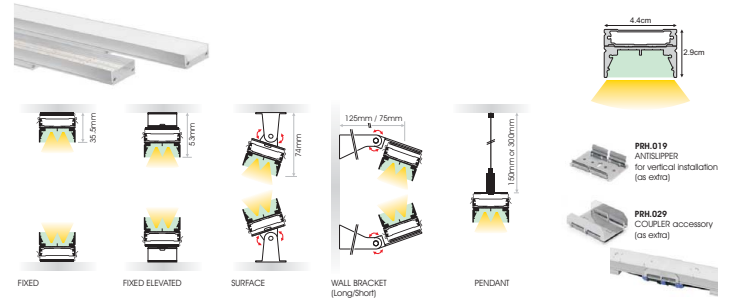


# OUTLINER 40 IP67

## STANDARD



## SEAMLESS



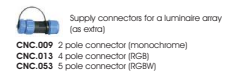
## Connectors



Input cable with IP68 connectors supplied as standard.



In-Out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)  
**CNC.009** 2 pole connector (monochrome)  
**CNC.013** 4 pole connector (RGB)  
**CNC.053** 5 pole connector (RGBW)



STANDARD



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage	
<b>OUTLINER 40 IP67 FIXED</b> (OUTLINER40-67F)	Anodized (AV) Marine Type (MT)	2000K (20)	>80 (80)	21W / 53cm (21W053)	Clear (CL) Opal (OP)	24VDC (24)	
		2500K (25)	35W / 86,3cm (35W086)				
		2700K (27)	42W / 103cm (42W103)				
		3000K (30)	49W / 119,7cm (49W120)				
<b>OUTLINER 40 IP67 SURFACE</b> (OUTLINER40-67S)		4000K (40)	63W / 153cm (63W153)				
		5700K (57)	84W / 203cm (84W203)				
		<b>RGBWW   RGBCW   RGB</b>					
		Colour	Watt / Length				
<b>OUTLINER 40 IP67 SHORT BRACKET 7.5m</b> (OUTLINER40-67S1)		<b>RGBWW   RGBCW   RGB</b>					
		Colour	Watt / Length				
		RGBWW (RGBWW)	27W / 53cm (27W053)				
		RGBCW (RGBCW)	46,2W / 86,7cm (46W086)				
		84LED/m	54W / 103cm (54W103)				
			65,6W / 124,4cm (65W124)				
			81W / 153cm (81W153)				
			108W / 203cm (108W203)				
		RGBWW (RGBWW)	19,4W / 53cm (19W053)				
		RGBCW (RGBCW)	31,2W / 83cm (31W083)				
		60LED/m***	39W / 103cm (39W103)				
			46,8W / 123cm (47W123)				
	58,4W / 153cm (58W153)						
	78W / 203cm (78W203)						
RGB (RGB%)	23W / 53cm (23W053)						
96LED/m	40,2W / 90,5cm (40W091)						
	46W / 103cm (46W103)						
	54,6W / 121,7cm (55W122)						
	69W / 153cm (69W153)						
	92W / 203cm (92W203)						
RGB (RGB%)	14,4W / 53cm (14W053)						
60LED/m***	23,2W / 83cm (23W083)						
	29W / 103cm (29W103)						
	34,8W / 123cm (35W123)						
	43,4W / 153cm (43W153)						
	58W / 203cm (58W203)						
RGB (RGB%)	7,2W / 53cm (07W053)						
30LED/m***	11,4W / 83cm (11W083)						
	14,4W / 103cm (14W103)						
	17,2W / 123cm (17W123)						
	21,6W / 153cm (22W153)						
	28,8W / 203cm (29W203)						

SEAMLESS

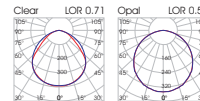
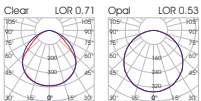


Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length**	Type	Voltage	
<b>OUTLINER 40 SEAMLESS IP67 FIXED</b> (OUTLINER40-67SF)	Anodized (AV) Marine Type (MT)	2000K (20)	>80 (80)	21W / 50,3cm (21W050)	Clear (CL) Opal (OP)	24VDC (24)	
		2500K (25)	35W / 83,7cm (35W84)				
		2700K (27)	42W / 100,3cm (42W100)				
		3000K (30)	49W / 117cm (49W117)				
<b>OUTLINER 40 SEAMLESS IP67 FIXED ELEVATED</b> (OUTLINER40-67SE)		4000K (40)	63W / 150,3cm (63W150)				
		5700K (57)	84W / 200,3cm (84W200)				
		<b>RGBWW   RGBCW   RGB</b>					
		Colour	Watt** / Length**				
<b>OUTLINER 40 SEAMLESS IP67 SHORT BRACKET 6.5cm</b> (OUTLINER40-67SB1)		<b>RGBWW   RGBCW   RGB</b>					
		Colour	Watt** / Length**				
		RGBWW (RGBWW)	27W / 50,3cm (27W050)				
		RGBCW (RGBCW)	46,2W / 86cm (46W086)				
		84LED/m	54W / 100,3cm (54W100)				
			65,6W / 121,7cm (65W122)				
			81W / 150,3cm (81W150)				
			108W / 200,3cm (108W200)				
		RGBWW (RGBWW)	19,4W / 50,3cm (19W050)				
		RGBCW (RGBCW)	31,2W / 80,3cm (31W080)				
		60LED/m****	39W / 100,3cm (39W100)				
			46,8W / 120,3cm (47W120)				
	58,4W / 150,3cm (58W150)						
	78W / 200,3cm (78W200)						
RGB (RGB%)	23W / 50,3cm (23W050)						
96LED/m	40,2W / 87,8cm (40W088)						
	46W / 100,3cm (46W100)						
	54,6W / 119cm (55W119)						
	69W / 150,3cm (69W150)						
	92W / 200,3cm (92W200)						
RGB (RGB%)	14,4W / 50,3cm (14W050)						
60LED/m****	23,2W / 80,3cm (23W080)						
	29W / 100,3cm (29W100)						
	34,8W / 120,3cm (35W120)						
	43,4W / 150,3cm (43W150)						
	58W / 200,3cm (58W200)						
RGB (RGB%)	7,2W / 50,3cm (07W050)						
30LED/m****	11,4W / 80,3cm (11W080)						
	14,4W / 100,3cm (14W100)						
	17,2W / 120,3cm (17W120)						
	21,6W / 150,3cm (22W150)						
	28,8W / 200,3cm (29W200)						

\* Short term immersion protection.  
 \*\* Available in other colours or/and power upon request.  
 \*\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.

\* IP67. Short term immersion protection.  
 \*\* Available in other colours or/and power upon request.  
 \*\*\* Length without end caps for seamless installation (Add 2mm for each end cap).  
 \*\*\*\*The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.

Ordering Code Example: OUTLINER40-67B2-AN-RGB60-43W153-OP-24



Ordering Code Example: OUTLINER40-67S-AN-RGB60-35W120-OP-24





# OUTLINER 40 Recessed IP66



# OUTLINER 40 Recessed IP66

Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area width). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

### RC IP66 / RC Seamless IP66:

- L90/B10 > 500.000 h, 3-Step MacAdam.
- Ingress Protection: IP66

### RC IP66:

- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

### RC Seamless IP66:

- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

### Lighting management options:

On-Off(DALI), 1-10V/1..10V(DMX)S12, PHASE CUT(R/RF/PUSH BUTTON/Bluetooth



Seamless IP66

### PU (Polyurethane) material:

16-component polyurethane, transparent or translucent for homogeneous light dispersion.

Full compliance with: REACH, RoHS and EU European Directives.

EC – Directives 89/109 Contact with Food.

Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.

Thermal Shock – Heat – Abrasion

In accordance to: Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

### Marine Type features:

**Powder Coating:**

Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

**Exterior Durability:**

Meets qualification class 2 requirements after 3 years Florida

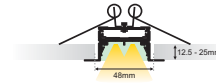
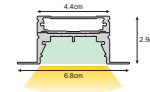
Meets AAMA 2604-13 requirements after 5 years Florida

**High Resistance to:**

Weather, UV, Water and mould growth



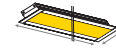
### STANDARD



Standard installation



Optional installation upon request



### Dimensions:

for Monochromatic, Tunable White:

68 x 53,6/86,9/105,6/122,3/155,6/205,6cm

Cutting hole:

48 x 53,6/86,9/103,6/120,3/153,6/203,6cm

for RGBWW-RGBCW 84LED/m:

68 x 55,6/91,3/105,6/122/155,6/205,6cm

Cutting hole:

48 x 53,6/89,3/103,6/125/153,6/203,6cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:

68 x 55,6/93,1/105,6/125,6/155,6/205,6cm

Cutting hole:

48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

for RGB 94LED/m:

68 x 55,6/93,1/103,6/124,3/155,6/205,6cm

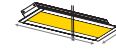
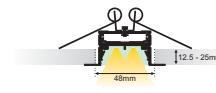
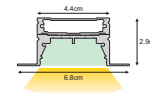
Cutting hole:

48 x 53,6/91,1/103,6/122,3/153,6/203,6cm

### ⚠ Note:

Cutting hole must be 20mm than the luminaire length.

### SEAMLESS



### Dimensions:

for Monochromatic, Tunable White:

68 x 53,3/86,7/103,3/120/153,3/203,3cm

Cutting hole:

48 x 51,3/84,1/101,3/118/151,3/201,3cm

for RGBWW-RGBCW 84LED/m:

68 x 53,3/89/103,3/124,7/153,3/203,3cm

Cutting hole:

48 x 51,3/87/101,3/122,7/151,3/201,3cm

for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:

68 x 53,3/83,3/103,3/123,3/153,3/203,3cm

Cutting hole:

48 x 51,3/81,3/101,3/121,3/151,3/201,3cm

for RGB 94LED/m:

68 x 53,3/90,9/103,3/122/153,3/203,3cm

Cutting hole:

48 x 51,3/88,8/101,3/120/151,3/201,3cm

### ⚠ Note:

Cutting hole must be 20mm shorter than the luminaire length.

### Connectors



Input cables with IP68 connectors supplied as standard.



In-Out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

**CNC.009** 2 pole connector (monochrome)

**CNC.013** 4 pole connector (RGB)

**CNC.053** 5 pole connector (RGBW)

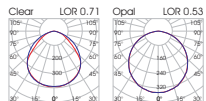


STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage	
<b>OUTLINER 40 IP66 Recessed</b> (OUTLINER 40 66RC)	Anodized (AN) Milky Type (MT)	2000K (20)	> 80 (80)	21W / 55.6cm (21W056)	Clear (CL)	24VDC (24)	
		2500K (25)		35W / 88.9cm (35W089)	Opal (OP)		
		2700K (27)		42W / 105.6cm (42W106)			
		3000K (30)		49W / 122.3cm (49W122)			
		4000K (40)		63W / 155.6cm (63W156)			
	5700K (57)		84W / 205.6cm (84W206)				
	<b>TUNABLE WHITE</b>						
	Colour Temperature		CRI	Watt / Length***			
	Tunable White 2700K-5700K (TW)		> 80 (80)	20W / 55.6cm (20W056) 33.3W / 83.7cm (33W084) 40W / 100.3cm (40W100) 46.7W / 117.7cm (46W117) 60W / 150.3cm (60W150) 80W / 200.3cm (80W200)			
	<b>RGBWW / RGBCW / RGB</b>						
Colour		Watt / Length***					
RGBWW (RGBWW)	27W / 55.6cm (27W056)						
RGBCW (RGBCW)	46.2W / 91.3cm (46W093)						
84LED/m	54W / 105.6cm (54W106) 65.6W / 127cm (65W127) 81W / 155.6cm (81W156) 108W / 205.6cm (108W206)						
RGBWW (RGBWW)	19.4W / 55.6cm (19W056)						
RGBCW (RGBCW)	31.2W / 85.6cm (31W086) 39W / 105.6cm (39W106) 46.8W / 125.6cm (47W126) 58.4W / 150.3cm (58W150) 78W / 200.3cm (78W200)						
60LED/m**							
RGB (RGB95)	23W / 55.6cm (23W056) 40.2W / 93.1cm (40W093) 46W / 105.6cm (46W106) 54.4W / 124.3cm (54W124) 69W / 155.6cm (69W156) 92W / 205.6cm (92W206)						
96LED/m							
RGB (RGB60)	14.4W / 55.6cm (14W056) 23.2W / 85.6cm (23W086) 29W / 105.6cm (29W106) 34.8W / 125.6cm (35W126) 43.4W / 155.6cm (43W156) 58W / 205.6cm (58W206)						
60LED/m**							
RGB (RGB30)	7.2W / 55.6cm (7W056) 11.4W / 85.6cm (11W086) 14.4W / 105.6cm (14W106) 17.2W / 125.6cm (17W126) 21.6W / 155.6cm (22W156) 28.8W / 205.6cm (29W206)						
30LED/m**					12VDC (12)		

\* Available in other colour upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



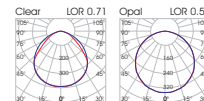
Ordering Code Example: OUTLINER 40 66RC-AN-RGB60-35W126-OP-24



SEAMLESS

Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage	
<b>OUTLINER 40 IP66 Recessed SEAMLESS</b> (OUTLINER 40 66RCS)	Anodized (AN) Milky Type (MT)	2000K (20)	> 80 (80)	21W / 50.3cm (21W050)	Clear (CL)	24VDC (24)	
		2500K (25)		35W / 83.7cm (35W084)	Opal (OP)		
		2700K (27)		42W / 100.3cm (42W100)			
		3000K (30)		49W / 117.7cm (49W117)			
		4000K (40)		63W / 150.3cm (63W150)			
	5700K (57)		84W / 200.3cm (84W200)				
	<b>TUNABLE WHITE</b>						
	Colour Temperature		CRI	Watt / Length***			
	Tunable White 2700K-5700K (TW)		> 80 (80)	20W / 50.3cm (20W050) 33.3W / 83.7cm (33W084) 40W / 100.3cm (40W100) 46.7W / 117.7cm (46W117) 60W / 150.3cm (60W150) 80W / 200.3cm (80W200)			
	<b>RGBWW / RGBCW / RGB</b>						
Colour		Watt / Length***					
RGBWW (RGBWW)	27W / 50.3cm (27W050)						
RGBCW (RGBCW)	46.2W / 90.8cm (46W090)						
84LED/m	54W / 100.3cm (54W100) 65.6W / 121.7cm (65W122) 81W / 150.3cm (81W150) 108W / 200.3cm (108W200)						
RGBWW (RGBWW)	19.4W / 50.3cm (19W050)						
RGBCW (RGBCW)	31.2W / 80.3cm (31W080) 39W / 100.3cm (39W100) 46.8W / 120.3cm (47W120) 58.4W / 150.3cm (58W150) 78W / 200.3cm (78W200)						
60LED/m**							
RGB (RGB95)	23W / 50.3cm (23W050) 40.2W / 87.8cm (40W088) 46W / 100.3cm (46W100) 54.4W / 119cm (54W119) 69W / 150.3cm (69W150) 92W / 200.3cm (92W200)						
96LED/m							
RGB (RGB60)	14.4W / 50.3cm (14W050) 23.2W / 80.3cm (23W080) 29W / 100.3cm (29W100) 34.8W / 120.3cm (35W120) 43.4W / 150.3cm (43W150) 58W / 200.3cm (58W200)						
60LED/m**							
RGB (RGB30)	7.2W / 50.3cm (7W050) 11.4W / 80.3cm (11W080) 14.4W / 100.3cm (14W100) 17.2W / 120.3cm (17W120) 21.6W / 150.3cm (22W150) 28.8W / 200.3cm (29W200)						
30LED/m**					12VDC (12)		

\* Available in other colour upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.  
\*\*\* Length without end caps for seamless installation (Add 15mm for each end cap).



Ordering Code Example: OUTLINER 40 66RCS-AN-RGB60-35W126-OP-24



# OUTLINER 30 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:  
On-Off/DALI/1.10V/1..110V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**L90/B10 >50.000h**  
for monochromatic models

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours



Seamless IP67

**PU (Polyurethane) material:**

Tri-component polyurethane: transparent or translucent for homogeneous light dispersion.  
Fully compliance with: REACH, RoHS and EU European Directives.  
EC – Directives 89/109 Contact with Food.

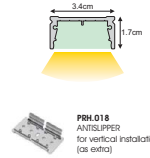
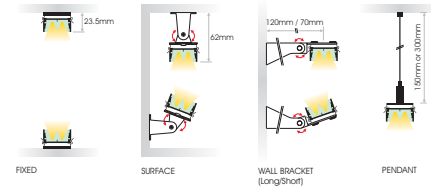
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water.  
Thermal Shock – Heat – Abrasion  
Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

**Marine Type features:**

**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and ANMA 2604.  
**Exterior Durability:**  
Meets qualicoat class 2 requirements after 3 years Florida  
Meets ANMA 2604-13 requirements after 5 years Florida  
**High Resistance to:**  
Weather, UV, Water and mould growth

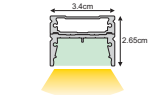
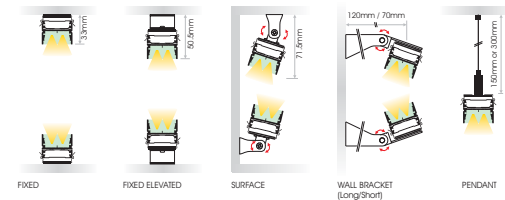


## STANDARD



**PRH 018**  
ANTISLIPPER  
for vertical installation  
(as extra)

## SEAMLESS



**PRH 018**  
ANTISLIPPER  
for vertical installation  
(as extra)



**PRH 026**  
COUPLER accessory  
(as extra)

## Connectors



Input cable with IP68 connectors  
supplied as standard.



In-Out cables & IP68 connectors  
supplied as extra.



Supply connectors for a luminaire array  
(as extra)  
**CNC 009** 2 pole connector (monochrome)  
**CNC 013** 4 pole connector (RGB)  
**CNC 053** 5 pole connector (RGBW)





STANDARD



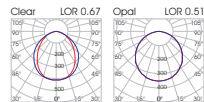
Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
<b>OUTLINER 30 IP67 FIXED</b> (OUTLINER30-67F)	Anodized (AN) Matino Type (MT)	2000K (20)	>80 (80)	21W / 53cm (21W053)	Clear (CL) Opal (OP)	24VDC (24)
		2500K (25)		35W / 86.3cm (35W086)		
<b>OUTLINER 30 IP67 SURFACE</b> (OUTLINER30-67S)		2700K (27)		42W / 103cm (42W103)		
		3000K (30)		49W / 119.7cm (49W120)		
		4000K (40)		63W / 153cm (63W153)		
		5700K (57)		84W / 203cm (84W203)		
<b>OUTLINER 30 IP67 SHORT BRACKET 7cm</b> (OUTLINER30-67SB1)		<i>RGBWW / RGBCW / RGB</i>				
<b>OUTLINER 30 IP67 LONG BRACKET 12cm</b> (OUTLINER30-67SB2)						
<b>OUTLINER 30 IP67 PENDANT</b> (OUTLINER30-67SP1) H:150cm (OUTLINER30-67SP2) H:300cm		<i>Colour</i>		<i>Watt / Length</i>		
		RGBWW (RGBWW)	27W / 53cm (27W053)	RGBCW (RGBCW)	46.2W / 88.7cm (46W089)	
		84LED/m		54W / 103cm (54W103)		
				65.6W / 124.4cm (65W124)		
				81W / 153cm (81W153)		
				108W / 203cm (108W203)		
		RGBWW (RGBWW)	19.4W / 53cm (19W053)			
		RGBCW (RGBCW)	31.2W / 83cm (31W083)			
		60LED/m***	39W / 103cm (39W103)			
			46.8W / 123cm (47W123)			
			58.4W / 153cm (58W153)			
			78W / 203cm (78W203)			
		RGB (RGB96)	23W / 53cm (23W053)			
		94LED/m	40.2W / 90.5cm (40W091)			
			46W / 103cm (46W103)			
			54.6W / 121.7cm (55W122)			
			69W / 153cm (69W153)			
			92W / 203cm (92W203)			
		RGB (RGB30)	14.4W / 53cm (14W053)			
		60LED/m***	23.2W / 83cm (23W083)			
			29W / 103cm (29W103)			
			34.8W / 123cm (35W123)			
			43.4W / 153cm (43W153)			
			58W / 203cm (58W203)			
		RGB (RGB30)	7.2W / 53cm (07W053)			12VDC (12)
		30LED/m***	11.4W / 83cm (11W083)			
			14.4W / 103cm (14W103)			
			17.2W / 123cm (17W123)			
			21.6W / 153cm (22W153)			
			28.8W / 203cm (29W203)			

\* Short term immersion protection.

\*\* Available in other colours on request.

\*\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER30-67B2-AN-RGB50-43W153-OP-24



SEAMLESS



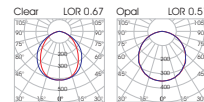
Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length**	Type	Voltage
<b>OUTLINER 30 SEAMLESS IP67 FIXED</b> (OUTLINER30-67SF)	Anodized (AN) Matino Type (MT)	2000K (20)	>80 (80)	21W / 50.3cm (21W050)	Clear (CL) Opal (OP)	24VDC (24)
		2500K (25)		35W / 83.7cm (35W084)		
<b>OUTLINER 30 SEAMLESS IP67 FIXED ELEVATED</b> (OUTLINER30-67SE)		2700K (27)		42W / 100.3cm (42W100)		
		3000K (30)		49W / 117cm (49W117)		
		4000K (40)		63W / 150.3cm (63W150)		
		5700K (57)		84W / 200.3cm (84W200)		
<b>OUTLINER 30 SEAMLESS IP67 SHORT BRACKET 6.5cm</b> (OUTLINER30-67SB1)		<i>RGBWW / RGBCW / RGB</i>				
<b>OUTLINER 30 SEAMLESS IP67 LONG BRACKET 11.5cm</b> (OUTLINER30-67SB2)						
<b>OUTLINER 30 SEAMLESS IP67 PENDANT</b> (OUTLINER30-67SP1) H:150cm (OUTLINER30-67SP2) H:300cm		<i>Colour</i>		<i>Watt** / Length**</i>		
		RGBWW (RGBWW)	27W / 50.3cm (27W050)	RGBCW (RGBCW)	46.2W / 86cm (46W086)	
		84LED/m		54W / 100.3cm (54W100)		
				65.6W / 121.7cm (65W122)		
				81W / 150.3cm (81W150)		
				108W / 200.3cm (108W200)		
		RGBWW (RGBWW)	19.4W / 50.3cm (19W050)			
		RGBCW (RGBCW)	31.2W / 80.3cm (31W080)			
		60LED/m****	39W / 100.3cm (39W100)			
			46.8W / 120.3cm (47W120)			
			58.4W / 150.3cm (58W150)			
			78W / 200.3cm (78W200)			
		RGB (RGB96)	23W / 50.3cm (23W050)			
		94LED/m	40.2W / 87.8cm (40W088)			
			46W / 100.3cm (46W100)			
			54.6W / 119cm (55W119)			
			69W / 150.3cm (69W150)			
			92W / 200.3cm (92W200)			
		RGB (RGB30)	14.4W / 50.3cm (14W050)			
		60LED/m****	23.2W / 80.3cm (23W080)			
			29W / 100.3cm (29W100)			
			34.8W / 120.3cm (35W120)			
			43.4W / 150.3cm (43W150)			
			58W / 200.3cm (58W200)			
		RGB (RGB30)	7.2W / 50.3cm (07W050)			12VDC (12)
		30LED/m****	11.4W / 80.3cm (11W080)			
			14.4W / 100.3cm (14W100)			
			17.2W / 120.3cm (17W120)			
			21.6W / 150.3cm (22W150)			
			28.8W / 200.3cm (29W200)			

\* Short term immersion protection.

\*\* Available in other colours on request.

\*\*\* Length without end caps for seamless installation (Add 2mm for each end cap).  
\*\*\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER30-67SS-AN-RGB50-35W120-OP-24

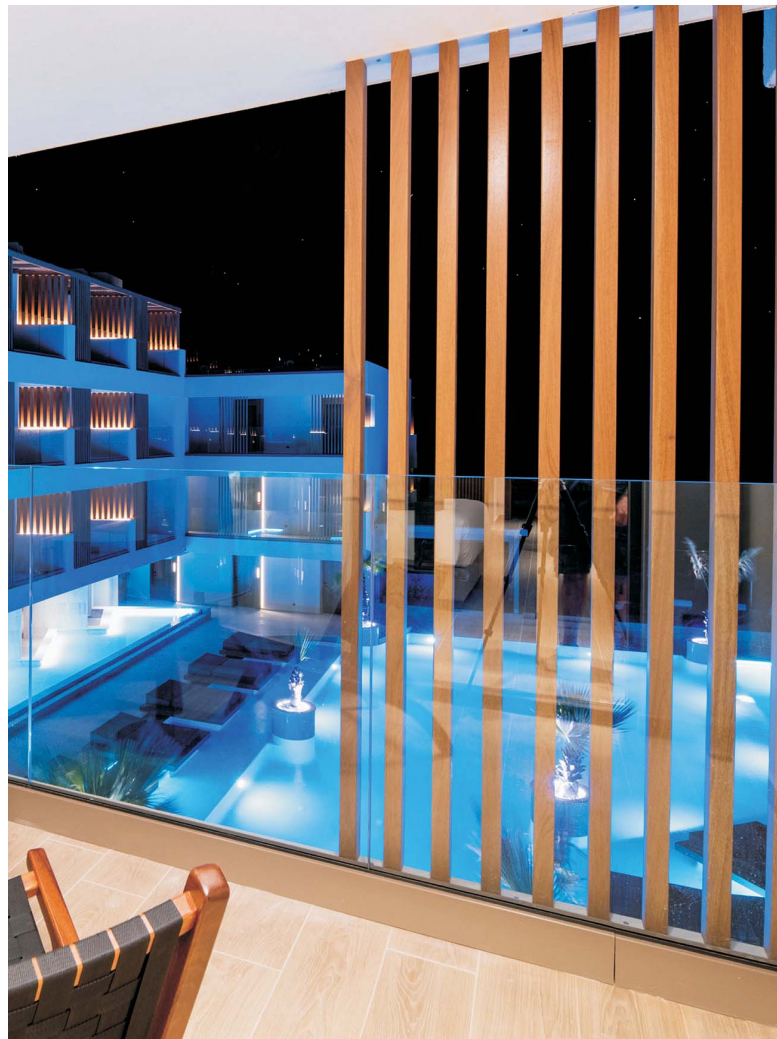




Akasha Beach Hotel & Spa  
(Heraklion Crete / Greece)

Architects: schema 4 architects  
Photos: Manos Etcheltis

AWARDS:  
BIGSEE Interior Design AWARD 2022 Winner



# OUTLINER 20 IP67



Outliner IP67 series is a complete series of custom made linear luminaires with clear or opal lighting surface. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**L90/B10 >50.000h**  
for monochromatic models

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours



Seamless IP67

### PU (Polyurethane) material:

Tri-component polyurethane. Transparent or translucent for homogeneous light dispersion.  
Fully compliance with: REACH, RoHS and EU European Directives.  
EC - Directives 89/109 Contact with Food.  
Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.  
Thermal Shock - Heat - Abrasion  
Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

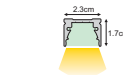
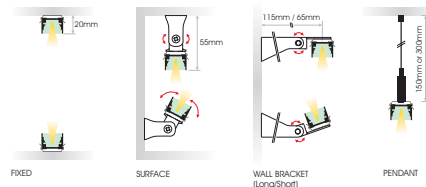
### Marine Type features:

**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN12206 (formerly B56496), EN13438 (formerly B56497-198-4) and ANMA 2604.  
**Exterior Durability:**  
Meets qualicoat class 2 requirements after 3 years Florida  
Meets ANMA 2604-13 requirements after 5 years Florida  
**High Resistance to:**  
Weather, UV, Water and mould growth



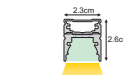
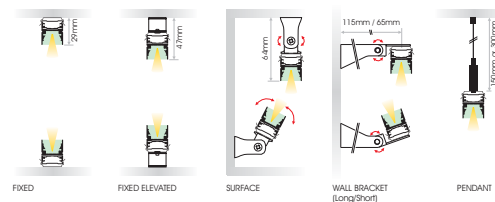
# OUTLINER 20 IP67

## STANDARD



ELA.008 ANTI-SLIPPER for vertical installation (as extra)

## SEAMLESS



ELA.008 ANTI-SLIPPER for vertical installation (as extra)



## Connectors



In-out cables with IP68 connectors supplied as standard.



In-out cables & IP68 connectors supplied as extra.



Supply connectors for a luminaire array (as extra)  
**CNC.009** 2 pole connector (monochrome)  
**CNC.013** 4 pole connector (RGB)  
**CNC.053** 5 pole connector (RGBW)



STANDARD



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length	Type	Voltage
<b>OUTLINER 20 IP67 FIXED</b> (OUTLINER20-67F)	Anodised (AN) Maine Type (MT)	2000K (20)	>80 (80)	10.5W / 53cm (11W053)	Clear (CL) Opal (OP)	24VDC (24)
		2500K (25)		17.5W / 86,3cm (18W086)		
<b>OUTLINER 20 IP67 SURFACE</b> (OUTLINER20-67S)		2700K (27)		21W / 103cm (21W103)		
		3000K (30)		24.5W / 119,7cm (25W120)		
		4000K (40)		31.5W / 153cm (32W153)		
<b>OUTLINER 20 IP67 SHORT BRACKET 6.5cm</b> (OUTLINER20-67SB)		5700K (57)		42W / 203cm (42W203)		
<b>OUTLINER 20 IP67 LONG BRACKET 11.5cm</b> (OUTLINER20-67SL)						
<b>OUTLINER 20 IP67 PENDANT</b> (OUTLINER20-67P1) H:150cm (OUTLINER20-67P2) H:300cm						
<b>RGBWW / RGBCW / RGB</b>						
		<b>Colour</b>		<b>Watt / Length</b>		
	RGBWW (RGBWW)			13.5W / 53cm (14W053)		
	RGBCW (RGBCW)			23.1W / 88,7cm (23W089)		
	84LED/m			27W / 103cm (27W103)		
				32.8W / 124,4cm (33W124)		
				40.5W / 153cm (41W153)		
				54W / 203cm (54W203)		
	RGBWW (RGBWW)			9.7W / 53cm (10W053)		
	RGBCW (RGBCW)			15.6W / 83cm (16W083)		
	60LED/m***			19.5W / 103cm (20W103)		
				23.4W / 123cm (23W123)		
				29.2W / 153cm (29W153)		
				39W / 203cm (39W203)		
	RGB (RGB96)			11.5W / 53cm (12W053)		
	96LED/m			20.1W / 90,5cm (20W091)		
				23W / 103cm (23W103)		
				27.3W / 121,7cm (27W122)		
				34.5W / 153cm (35W153)		
				46W / 203cm (46W203)		
	RGB (RGB80)			7.2W / 53cm (07W053)		
	60LED/m***			11.6W / 83cm (12W083)		
				14.5W / 103cm (15W103)		
				17.4W / 123cm (17W123)		
				21.7W / 153cm (22W153)		
				29W / 203cm (29W203)		
	RGB (RGB30)			3.6W / 53cm (04W053)		
	30LED/m***			5.7W / 83cm (06W083)		
				7.2W / 103cm (07W103)		
				8.6W / 123cm (09W123)		
				10.8W / 153cm (11W153)		
				14.4W / 203cm (14W203)		

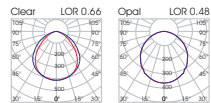
\* Short term immersion protection.  
\*\* Available in other colours or/and power upon request.  
\*\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

SEAMLESS

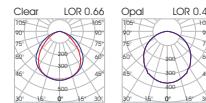


Model*	Luminaire Colour**	Colour Temperature	CRI	Watt** / Length**	Type	Voltage
<b>OUTLINER 20 SEAMLESS IP67 FIXED</b> (OUTLINER20-67SF)	Anodised (AN) Maine Type (MT)	2000K (20)	>80 (80)	10.5W / 50,3cm (11W050)	Clear (CL) Opal (OP)	24VDC (24)
		2500K (25)		17.5W / 83,7cm (18W84)		
<b>OUTLINER 20 SEAMLESS IP67 FIXED EXHALED</b> (OUTLINER20-67SFE)		2700K (27)		21W / 100,3cm (21W100)		
		3000K (30)		24.5W / 117cm (25W117)		
		4000K (40)		31.5W / 150,3cm (32W150)		
<b>OUTLINER 20 SEAMLESS IP67 SHORT BRACKET 6.5cm</b> (OUTLINER20-67SB1)		5700K (57)		42W / 200,3cm (42W200)		
<b>OUTLINER 20 SEAMLESS IP67 LONG BRACKET 11.5cm</b> (OUTLINER20-67SL1)						
<b>OUTLINER 20 SEAMLESS IP67 PENDANT</b> (OUTLINER20-67SP1) H:150cm (OUTLINER20-67SP2) H:300cm						
<b>RGBWW / RGBCW / RGB</b>						
		<b>Colour</b>		<b>Watt** / Length**</b>		
	RGBWW (RGBWW)			13.5W / 50,3cm (14W050)		
	RGBCW (RGBCW)			23.1W / 86cm (23W86)		
	84LED/m			27W / 100,3cm (27W100)		
				32.8W / 121,7cm (33W122)		
				40.5W / 150,3cm (41W150)		
				54W / 200,3cm (54W200)		
	RGBWW (RGBWW)			9.7W / 50,3cm (10W050)		
	RGBCW (RGBCW)			15.6W / 80,3cm (16W80)		
	60LED/m****			19.5W / 100,3cm (20W100)		
				23.4W / 120,3cm (23W120)		
				29.2W / 150,3cm (29W150)		
				39W / 200,3cm (39W200)		
	RGB (RGB96)			11.5W / 50,3cm (12W050)		
	96LED/m			20.1W / 87,8cm (20W88)		
				23W / 100,3cm (23W100)		
				27.3W / 119cm (27W119)		
				34.5W / 150,3cm (35W150)		
				46W / 200,3cm (46W200)		
	RGB (RGB80)			7.2W / 50,3cm (07W050)		
	60LED/m****			11.6W / 80,3cm (12W80)		
				14.5W / 100,3cm (15W100)		
				17.4W / 120,3cm (17W120)		
				21.7W / 150,3cm (22W150)		
				29W / 200,3cm (29W200)		
	RGB (RGB30)			3.6W / 50,3cm (04W050)		
	30LED/m****			5.7W / 80,3cm (06W80)		
				7.2W / 100,3cm (07W100)		
				8.6W / 120,3cm (09W120)		
				10.8W / 150,3cm (11W150)		
				14.4W / 200,3cm (14W200)		

\* IP67. Short term immersion protection.  
\*\* Available in other colours or/and power upon request.  
\*\*\* Length without end caps for seamless installation (Add 2mm for each end cap).  
\*\*\*\*The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



Ordering Code Example: OUTLINER20-67B2-AN-RGB60-22W153-OP-24

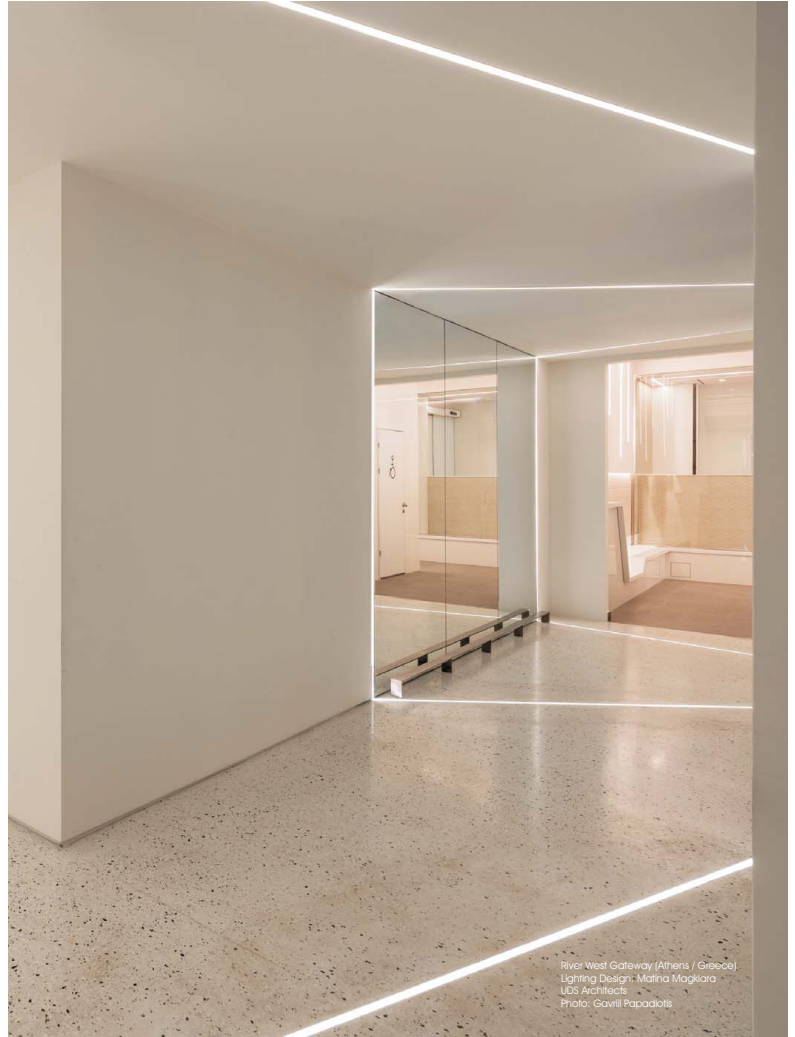


Ordering Code Example: OUTLINER20-67SS-AN-RGB60-17W120-OP-24





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artichias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



River West Gateway (Athens / Greece)  
Lighting Design: Marina Magkara  
L&S Architects  
Photo: Savvili Papadimitri

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artichias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



# OUTLINER 20 Recessed IP66



Outliner Recessed IP66 series is a custom made linear luminaire series with clear or opal lighting surface. It is available in 2 different widths of 20 and 40mm (luminous area width). It is offered in standard and in custom lengths varying from 50cm up to 400cm. The series offers an excellent uniformity with colour consistency and is ideal due to its special design and construction to meet the most demanding lighting applications.

### RC IP66 / RC Seamless IP66:

- L90/B10/50.000 h, 3-Step MacAdam.
- Ingress Protection: IP66

### RC IP66:

- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.

### RC Seamless IP66:

- Supplied with input-output cables & IP68 connectors as standard.

L90/B10 50.000h

### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

### Lighting management options:

On-Off/DALI0...10V/1...10V/DMX/S12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Seamless IP66



### PU (Polyurethane) material:

It: component polyurethane, transparent or translucent for homogeneous light dispersion.

Full compliance with: REACH, RoHS and EU European Directives.

EC – Directives 89/109 Contact with Food.

Outdoor – Chemicals – Short term water immersion – Hot water.

Thermal Shock – Heat – Abrasion

In accordance to: Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D4279

### Marine Type features:

**Powder Coating:**

Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN12206 (formerly 85609), EN13438 (formerly 856497,1954) and AAMA 2604.

**Exterior Durability:**

Meets qualicoat class 2 requirements after 3 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

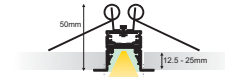
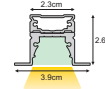
**High Resistance to:**

Weather, UV, Water and mould growth



# OUTLINER 20 Recessed IP66

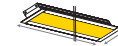
## STANDARD



Standard installation



Optional installation upon request



### Dimensions:

for Monochromatic, Tunable White:

39x54.6x97.7/ 104.6/121.3/154.6/204.6cm

Cutting Hole: 27x53.6/86.9/103.6/120.3/153.6/203.6cm

for RGBWW-RGBCW 84LEDm:

39x54.6x90.3/ 104.6/126/154.6/204.6cm

Cutting Hole: 27x53.6/89.3/103.6/125/153.6/203.6cm

for RGBWW-RGBCW 60LEDm, RGB 60LEDm, RGB 30LEDm:

39x54.6x84.6/ 104.6/124.6/154.6/204.6cm

Cutting Hole: 27x53.6/83.6/103.6/123.6/153.6/203.6cm

for RGB 94LEDm:

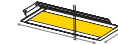
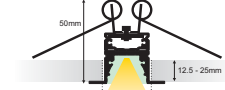
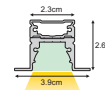
39x54.6x92.1/ 104.6/123.3/154.6/204.6cm

Cutting Hole: 27x53.6/81.1/103.6/122.3/153.6/203.6cm

### Note:

Cutting hole must be 10mm shorter than the luminaire length.

## SEAMLESS



### Dimensions:

for Monochromatic, Tunable White:

39x52.3x88.7/ 102.3/119/152.3/202.3cm

Cutting Hole: 27x51.3/87.7/101.3/118/151.3/201.3cm

for RGBWW-RGBCW 84LEDm:

39x52.3x81/102.3/123.7/152.3/202.3cm

Cutting Hole: 27x51.3/87/101.3/122.7/151.3/201.3cm

for RGBWW-RGBCW 60LEDm, RGB 60LEDm, RGB 30LEDm:

39x52.3x82.3/102.3/122.3/152.3/202.3cm

Cutting Hole: 27x51.3/81.3/101.3/121.3/151.3/201.3cm

for RGB 94LEDm:

39x52.3x89.6/102.3/121/152.3/202.3cm

Cutting Hole: 27x51.3/88.8/101.3/120/151.3/201.3cm

### Note:

Cutting hole must be 10mm shorter than the luminaire length.

## Connectors



- CNC.009** 2 pole connector (monochrome)
- CNC.013** 4 pole connector (RGB)
- CNC.053** 6 pole connector (RGBW)

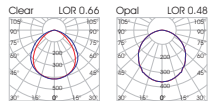


STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length	Type	Voltage	
<b>OUTLINER 20 IP66 Recessed</b> <small>(OUTLINER 20 66RC)</small>	Anodized Marine Type (MT)	2000K (20)	>80 (80)	10.5W / 54.6cm (11W055)	Clear (CL) Opal (OP)	24VDC (24)	
		2500K (25)		17.5W / 87.9cm (18W088)			
		2700K (27)		21W / 104.6cm (21W105)			
		3000K (30)		24.5W / 121.3cm (25W121)			
		4000K (40)		31.5W / 154.6cm (32W155)			
		5700K (57)		42W / 204.6cm (42W205)			
	<b>TUNABLE WHITE</b>						
	Colour Temperature		CRI	Watt / Length			
	Tunable White 2700K-5700K (TW)		>80 (80)	10W / 54.6cm (10W055)			
				16.7W / 87.9cm (17W088)			
				20W / 104.6cm (20W105)			
				23.4W / 121.3cm (23W121)			
			30W / 154.6cm (30W155)				
			40W / 204.6cm (40W205)				
	<b>RGBWW / RGBCW / RGB</b>						
Colour		Watt / Length					
RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		13.5W / 54.6cm (14W055)					
		23.1W / 90.3cm (23W093)					
		27W / 104.6cm (27W105)					
		32.8W / 126cm (33W126)					
	40.5W / 154.6cm (41W155)						
	54W / 204.6cm (54W205)						
RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m**		9.7W / 54.6cm (10W055)					
		15.6W / 84.6cm (16W085)					
		19.5W / 104.6cm (20W105)					
		23.4W / 124.6cm (23W125)					
	29.2W / 154.6cm (29W155)						
	39W / 204.6cm (39W205)						
RGB (RGB95) 96LED/m		11.5W / 54.6cm (12W055)					
		20.1W / 92.1cm (20W092)					
		23W / 104.6cm (23W105)					
		27.3W / 123.3cm (27W123)					
	34.5W / 150.3cm (35W150)						
	46W / 200.3cm (46W200)						
RGB (RGB80) 60LED/m**		7.2W / 54.6cm (07W055)					
		11.6W / 84.6cm (12W085)					
		14.5W / 104.6cm (15W105)					
		17.4W / 124.6cm (17W125)					
	21.7W / 154.6cm (22W155)						
	29W / 204.6cm (29W205)						
RGB (RGB30) 30LED/m**		3.6W / 54.6cm (04W055)					
		5.7W / 84.6cm (06W085)					
		7.2W / 104.6cm (07W105)					
		8.6W / 124.6cm (09W125)					
	10.8W / 154.6cm (11W155)						
	14.4W / 204.6cm (14W205)						
					12VDC (12)		

\*\* Available in other colours upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.



Ordering Code Example: OUTLINER 20 66RC-AN-RGB60-17W125-OP-24

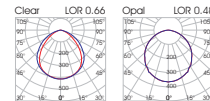


SEAMLESS



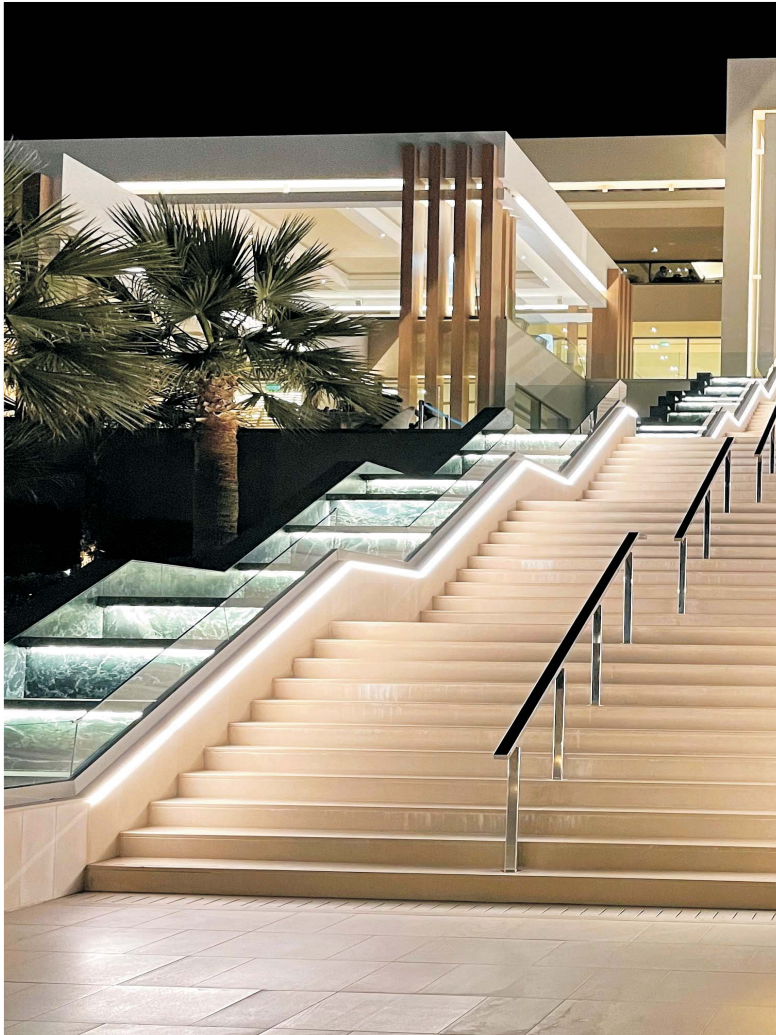
Model	Luminaire Colour*	Colour Temperature	CRI	Watt / Length***	Type	Voltage	
<b>OUTLINER 20 IP66 Recessed SEAMLESS</b> <small>(OUTLINER 20 66RCS)</small>	Anodized Marine Type (MT)	2000K (20)	>80 (80)	10.5W / 50.3cm (11W050)	Clear (CL) Opal (OP)	24VDC (24)	
		2500K (25)		17.5W / 83.7cm (18W084)			
		2700K (27)		21W / 100.3cm (21W100)			
		3000K (30)		24.5W / 117cm (25W117)			
		4000K (40)		31.5W / 150.3cm (32W150)			
		5700K (57)		42W / 200.3cm (42W200)			
	<b>TUNABLE WHITE</b>						
	Colour Temperature		CRI	Watt / Length***			
	Tunable White 2700K-5700K (TW)		>80 (80)	10W / 50.3cm (10W050)			
				16.7W / 83.7cm (17W084)			
				20W / 100.3cm (20W100)			
				23.4W / 117cm (23W117)			
			30W / 150.3cm (30W150)				
			40W / 200.3cm (40W200)				
	<b>RGBWW / RGBCW / RGB</b>						
Colour		Watt / Length***					
RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		13.5W / 50.3cm (14W050)					
		23.1W / 86cm (23W086)					
		27W / 100.3cm (27W100)					
		32.8W / 121.7cm (33W122)					
	40.5W / 150.3cm (41W150)						
	54W / 200.3cm (54W200)						
RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m**		9.7W / 50.3cm (10W050)					
		15.6W / 80.3cm (16W080)					
		19.5W / 100.3cm (20W100)					
		23.4W / 120.3cm (23W120)					
	29.2W / 150.3cm (29W150)						
	39W / 200.3cm (39W200)						
RGB (RGB95) 96LED/m		11.5W / 50.3cm (12W050)					
		20.1W / 87.8cm (20W088)					
		23W / 100.3cm (23W100)					
		27.3W / 119cm (27W119)					
	34.5W / 150.3cm (35W150)						
	46W / 200.3cm (46W200)						
RGB (RGB80) 60LED/m**		7.2W / 50.3cm (07W050)					
		11.6W / 80.3cm (12W080)					
		14.5W / 100.3cm (15W100)					
		17.4W / 120.3cm (17W120)					
	21.7W / 150.3cm (22W150)						
	29W / 200.3cm (29W200)						
RGB (RGB30) 30LED/m**		3.6W / 50.3cm (04W050)					
		5.7W / 80.3cm (06W080)					
		7.2W / 100.3cm (07W100)					
		8.6W / 120.3cm (09W120)					
	10.8W / 150.3cm (11W150)						
	14.4W / 200.3cm (14W200)						
					12VDC (12)		

\*\* Available in other colours upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaires will be affected.  
\*\*\* Length without end caps for seamless installation (Add 15mm for each end cap).



Ordering Code Example: OUTLINER 20 66RCS-AN-RGB60-17W120-OP-24





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Mayra Exclusive Resort & Spa, Rhodes, Greece

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# ELECSIA IP67

- ELECSIA IP67 is a custom made linear luminaire available in standard and custom lengths upon request.
- Ensures uniformity and colour consistency of the lighting output.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options (fixed, surface or pendant).
- Long & Short bracket accessory for wall installation.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67

Lighting management options:  
On-Off/DALI(0..10V/1..10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

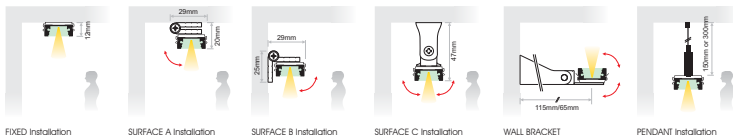


# ELECSIA IP67



L90/B10 >50.000h  
for monochromatic models

Available upon request:  
✓ Custom dimensions  
✓ Custom luminaire colours



**PU (Polyurethane) material:**  
36-component polyurethane: transparent or translucent for homogeneous light dispersion.  
Fully compliance with: REACH, RoHS and EU European Directives.  
EC - Directives 89/109 Contact with Food.  
Resistance to:  
Outdoor - Chemicals - Short term water immersion - Hot water.  
Thermal Shock - Heat - Abrasion  
Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, VABER test ASTM D1044, CROCKMETER test ASTM D6279

**Marine Type features:**  
**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class 2, EN 12206 (formerly BS6496), EN13438 (formerly BS6497:1964) and AAMA 2604.  
**Exterior Durability:**  
Meets qualification class 2 requirements after 3 years Florida  
Meets AAMA 2604-13 requirements after 5 years Florida  
**High Resistance to:**  
Weather, UV, Water and mould growth



Model*	Luminaire Colour**	Colour Temperature	CRI	Watt / Length	Type	Voltage
<b>ELECSIA IP67 FIXED</b> (ELECSIA 67F)	Anodized (AN) Matine type (MT)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80)	10.5W / 53cm (11W/53) 17.5W / 86.3cm (18W/86) 21W / 103cm (21W/103) 24.5W / 119.7cm (25W/120) 31.5W / 153cm (32W/153) 42W / 203cm (42W/203)	Clear Opal (CL) Opal (OP)	24VDC (24)
<b>ELECSIA IP67 SURFACE A</b> (ELECSIA 67SA)						
<b>ELECSIA IP67 SURFACE B</b> (ELECSIA 67SB)						
<b>ELECSIA IP67 SURFACE C</b> (ELECSIA 67SC)						
<b>ELECSIA IP67 SHORT BRACKET 6.5cm</b> (ELECSIA 67B1)						
<b>ELECSIA IP67 LONG BRACKET 11.5cm</b> (ELECSIA 67B2)						
<b>ELECSIA IP67 PENDANT</b> (ELECSIA 67P1) H:150cm (ELECSIA 67P2) H:300cm						
<b>RGBWW / RGBCW / RGB</b>						
	<b>Colour</b>			<b>Watt / Length</b>		
	RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m			13.5W / 53cm (14W/53) 23.1W / 86.7cm (23W/89) 27W / 103cm (27W/103) 32.8W / 124.4cm (33W/124) 40.5W / 153cm (41W/153) 54W / 203cm (54W/203)		
	RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m***			9.7W / 53cm (10W/53) 15.6W / 83cm (16W/83) 19.5W / 103cm (20W/103) 23.4W / 123cm (23W/123) 29.2W / 153cm (29W/153) 39W / 203cm (39W/203)		
	RGB (RGB) 96LED/m			11.5W / 53cm (12W/53) 20.1W / 90.5cm (20W/91) 23W / 103cm (23W/103) 27.5W / 121.7cm (27W/122) 34.5W / 153cm (35W/153) 46W / 203cm (46W/203)		
	RGB (RGB) 60LED/m***			7.2W / 53cm (7W/53) 11.4W / 83cm (12W/83) 14.5W / 103cm (15W/103) 17.4W / 123cm (17W/123) 21.7W / 153cm (22W/153) 29W / 203cm (29W/203)		
	RGB (RGB) 30LED/m***			3.6W / 53cm (4W/53) 5.7W / 83cm (6W/83) 7.2W / 103cm (7W/103) 8.6W / 123cm (9W/123) 10.8W / 153cm (11W/153) 14.4W / 203cm (14W/203)		12VDC (12)

\* Short term immersion protection.  
\*\* Available in other colours or/and power upon request.

Ordering Code Example: ELECSIA 67B2-AN-RGB60-22W/153-OP-24



# LUMITUBE IP67 / IP68



# LUMITUBE IP67 / IP68

Lumitube is an ultimate solution for exceptional lighting in any environment. For standard lengths or as custom made solution, Lumitube delivers outstanding performance, making it ideal for both IP67 and IP68 applications. Engineered with the highest-quality materials, Lumitube blends functionality with aesthetic appeal with the use of anti-glare accessory, ensuring a visually pleasing result.

- Cable Gland & End Cap components: Nickel plated brass for IP67 and INOX-316 for IP68.
- Tube material: Transparent PMMA.
- Ingress Protection: Available in IP67 and IP68.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).

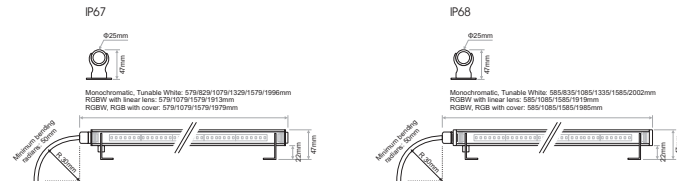
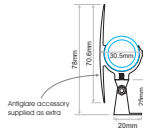
Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h

Available upon request:

✓ Custom dimensions



Model	Colour Temperature	CSI	Beam Angle	Watt / Length	Voltage
<b>LUMITUBE IP67*</b> (LUMITUBE IP67)	2000K (20)	80+ (80)	16° Linear lens (16L)	10.5W / 57.9cm (11W/058)	24VDC (24)
	2500K (25)		35° Linear lens (35L)	15.8W / 82.9cm (16W/083)	
	2700K (27)		55° Linear lens (55L)	21W / 107.9cm (21W/108)	
	3000K (30)		100° Frosted Cover (100F)	26.3W / 132.9cm (26W/133)	
	4000K (40)		100° Clear Cover (100C)	31.5W / 157.9cm (31W/158)	
5700K (57)		110° Milky Cover (110M)	40.3W / 199.6cm (40W/200)		
<b>TUNABLE WHITE</b> Tunable White (TW) 2700K~5700K		80+ (80)	16° Linear lens (16L)	10W / 57.9cm (10W/058)	
			35° Linear lens (35L)	15W / 82.9cm (15W/083)	
			55° Linear lens (55L)	20W / 107.9cm (20W/108)	
			100° Frosted Cover (100F)	25W / 132.9cm (25W/133)	
			100° Clear Cover (100C)	30W / 157.9cm (30W/158)	
		110° Milky Cover (110M)	38.3W / 199.6cm (38W/200)		
<b>RGBW</b> RGBW with linear lens (RGBW)			16° Linear lens (16L)	7.5W / 57.9cm (08W/058)	
			35° Linear lens (35L)	15W / 107.9cm (15W/108)	
			55° Linear lens (55L)	22.5W / 157.9cm (23W/158)	
				27.5W / 191.3cm (28W/191)	
<b>RGBW</b> RGBW with cover (RGBW)			100° Frosted Cover (100F)	9.8W / 57.9cm (10W/058)	
			100° Clear Cover (100C)	19.5W / 107.9cm (20W/108)	
			110° Milky Cover (110M)	29.5W / 157.9cm (30W/158)	
				37.1W / 197.9cm (37W/198)	
<b>RGB</b> RGB with cover (RGB)			100° Frosted Cover (100F)	7.3W / 57.9cm (07W/058)	
			100° Clear Cover (100C)	14.5W / 107.9cm (15W/108)	
			110° Milky Cover (110M)	21.8W / 157.9cm (22W/158)	
				27.6W / 197.9cm (28W/198)	

\* IP67: Short term immersion protection

Ordering Code Example:  
LUMITUBE IP67-TW-80-100C-15W/083-24



LUMITUBE IP68

LIGHTSOURCE BY  
**NICHIA**  
for Monochromatic

IP68

Model	Colour Temperature	CRI	Beam Angle	Watt / Length	Voltage		
<b>LUMITUBE IP68</b> <i>(LUMITUBE IP68)</i>	2000K	(20)	80+ (80)	16° Linear lens (15L)	10.5W / 58.5cm (110W059)	24VDC (24)	
	2500K	(25)		35° Linear lens (35L)	15.8W / 83.5cm (160W084)		
	2700K	(27)		55° Linear lens (55L)	21W / 108.5cm (21W109)		
	3000K	(30)		100° Frosted Cover (100F)	26.3W / 133.5cm (26W134)		
	4000K	(40)		100° Clear Cover (100C)	31.5W / 158.5cm (32W156)		
	5700K	(57)		110° Milky Cover (110M)	40.3W / 200.2cm (40W200)		
	<b>TUNABLE WHITE</b> Tunable White 2700K-5700K	(TW)	80+ (80)	16° Linear lens (15L)	10W / 58.5cm (10W059)		
				35° Linear lens (35L)	15W / 83.5cm (15W084)		
				55° Linear lens (55L)	20W / 108.5cm (20W109)		
				100° Frosted Cover (100F)	25W / 133.5cm (25W134)		
			100° Clear Cover (100C)	30W / 158.5cm (30W156)			
<b>RGBW</b> RGBW with linear lens (RGBW)			16° Linear lens (15L)	7.5W / 58.5cm (08W059)			
			35° Linear lens (35L)	15W / 108.5cm (15W109)			
			55° Linear lens (55L)	22.5W / 158.5cm (23W159)			
				27.5W / 191.9cm (28W192)			
<b>RGBW</b> RGBW with cover (RGBW)			100° Frosted Cover (100F)	9.8W / 58.5cm (10W059)			
			100° Clear Cover (100C)	19.5W / 108.5cm (20W109)			
			110° Milky Cover (110M)	29.5W / 158.5cm (30W159)	37.1W / 198.5cm (37W199)		
<b>RGB</b> RGB with cover (RGB)			100° Frosted Cover (100F)	7.3W / 58.5cm (07W059)			
			100° Clear Cover (100C)	14.5W / 108.5cm (15W109)			
			110° Milky Cover (110M)	21.8W / 158.5cm (22W159)	27.6W / 198.5cm (28W199)		

Ordering Code Example:  
LUMITUBE IP68-TW-80-100C-15W084-24

Input cables

Input cable with IP68 connectors (as standard)



Wall brackets

Fixed 5, 10, 20, 30cm Wall brackets INOX-316 (Set of 2) (as extra)



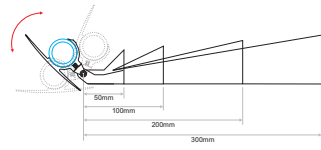
**ACR.145** 5cm Passivated  
**ACRW145** 5cm White RAL9003 mat  
**ACRB145** 5cm Black RAL 9005 mat

**ACR.146** 10cm Passivated  
**ACRW146** 10cm White RAL9003 mat  
**ACRB146** 10cm Black RAL 9005 mat

**ACR.147** 20cm Passivated  
**ACRW147** 20cm White RAL9003 mat  
**ACRB147** 20cm Black RAL 9005 mat

**ACR.148** 30cm Passivated  
**ACRW148** 30cm White RAL9003 mat  
**ACRB148** 30cm Black RAL 9005 mat

(RAL colour as extra upon request)



Holders

Inox Holders (Left-Right) (as standard)



Antiglare

Antiglare accessory (as extra)



**ACR.137** 58cm Anodized  
**ACRW137** 58cm White RAL9003 mat  
**ACRB137** 58cm Black RAL 9005 mat

**ACR.138** 83cm Anodized  
**ACRW138** 83cm White RAL9003 mat  
**ACRB138** 83cm Black RAL 9005 mat

**ACR.139** 108cm Anodized  
**ACRW139** 108cm White RAL9003 mat  
**ACRB139** 108cm Black RAL 9005 mat

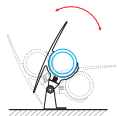
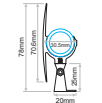
**ACR.141** 133cm Anodized  
**ACRW141** 133cm White RAL9003 mat  
**ACRB141** 133cm Black RAL 9005 mat

**ACR.142** 191cm Anodized  
**ACRW142** 191cm White RAL9003 mat  
**ACRB142** 191cm Black RAL 9005 mat

**ACR.143** 198cm Anodized  
**ACRW143** 198cm White RAL9003 mat  
**ACRB143** 198cm Black RAL 9005 mat

**ACR.144** 200cm Anodized  
**ACRW144** 200cm White RAL9003 mat  
**ACRB144** 200cm Black RAL 9005 mat

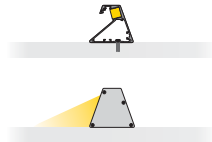
(RAL colour as extra upon request)



# DELTA IP67



- DELTA linear surface luminaire ideal for pathways and signage, offers a soft delicate light output.
- Its dot-free light effect makes it suitable for use even on a glossy floor.
- It is available in standard lengths. Custom lengths also available on request.
- Available anodized, White (RAL 9003 matt), Black (RAL 9005 matt) & Brown. Other RAL also available on request.
- Suitable for use only with BASELINE V.
- Monochromatic White LEDs Silicone: 2 Step MacAdam
- L70/B10 > 54000h
- CRI > 90 for 2700/3000/3500/4000K
- Baseline V: IK08 Protection
- Ingress Protection: IP67



Lighting management options:  
On-Off/DALI(D.10V/1...10V)/DMX512/PHASE CUT(R/RF)/PUSH BUTTON/Bluetooth

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours



**Suitable only with:**

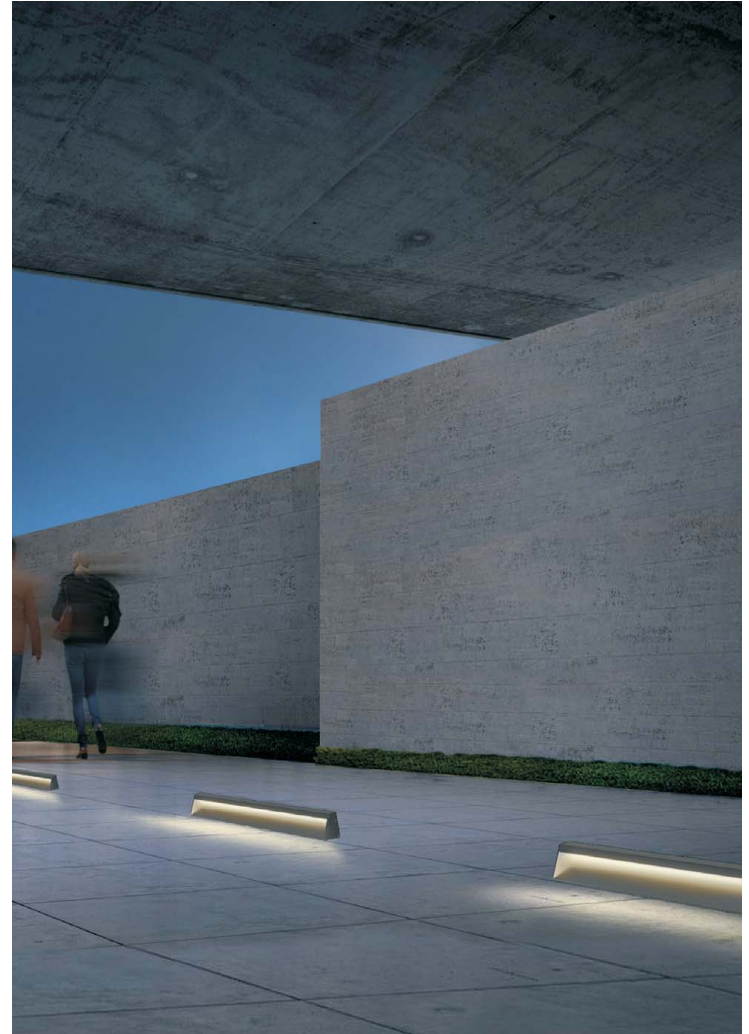
- ✓ **BASELINE V MILKY LED**



Model	Luminaire Colour*	Type	CCT	Luminous FLUX	CRI	Watt / Length	Voltage
DELTA IP67 <small>(DELTA 67)</small>	Anodized (A4) White (W4) Black (BK) Brown (BR)	PRO (PR)	2700K (27)	500 lm/m	> 90 (90)	5W / 52cm (20W/82)	24VDC (24)
			3000K (30)	510 lm/m	10W / 102cm (10W/102)		
			3500K (35)	515 lm/m	15W / 152cm (15W/152)		
			4000K (40)	530 lm/m	20W / 202cm (20W/202)		
			5300K (53)	540 lm/m	> 80 (80)		
		Standard (ST)	2700K (27)	420 lm/m	> 90 (90)		
			3000K (30)	430 lm/m			
			3500K (35)	435 lm/m			
			4000K (40)	450 lm/m			
			5300K (53)	460 lm/m	> 80 (80)		

\* Available in other colours upon request.

Ordering Code Example: DELTA 67-WH-PR-40-90-20W/202-24



# CORNER II IP67

- CORNER II IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam (for monochromatic models).
- Ingress Protection: IP67

Lighting management options:  
On-Off/DALI(0..10V) / 1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

## L90/B10 50.000h

Available upon request:

✓ Custom dimensions



### PU (Polyurethane) material:

Ti- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compatible with: REACH, RoHS and EU European Directives.

EC – Directives 89/109 Contact with Food.

Outdoor – Chemicals – Short term water immersion – Hot water.

Thermal Shock – Heat – Abrasion

Florida test, Arizona test, Xenon test, QUV-A test, ACID Rain test ASTM G87.

TABER test ASTM D1044, CROCKMETER test ASTM D6279

### Marine Type features:

#### Powder Coating:

Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

#### Exterior Durability:

Meets qualification class 2 requirements after 5 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

#### High Resistance to:

Weather, UV, water and mould growth



# CORNER II IP67



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage	
<b>CORNER II IP67</b> <i>(CORNER II 67)</i>	Anodized	2000K (20)	80+ (80)	10.5W / 53cm (11W053)	Clear (CL) Opal (OP)	24VDC (24)	
	Marine type (MT)	2500K (25)	15.8W / 78cm (15W078)				
		2700K (27)	21W / 103cm (21W103)				
		3000K (30)	24.5W / 119.7cm (25W120)				
		4000K (40)	31.5W / 153cm (32W153)				
		5700K (57)	42W / 203cm (42W203)				
		<b>TUNABLE WHITE</b>					
	Colour Temperature		CRI	Watt* / Length			
	Tunable White		80+ (80)	10W / 53cm (10W053)			
	2700K-5700K (TW)			15W / 78cm (15W078)			
			20W / 103cm (20W103)				
			25W / 128cm (25W129)				
			30W / 153cm (30W153)				
			40W / 203cm (40W203)				
<b>RGBWW / RGBCW / RGB</b>							
Colour			Watt* / Length				
RGBWW (RGBWW)			13.5W / 53cm (14W053)				
RGBCW (RGBCW)			23.1W / 88.7cm (23W089)				
84LED/m			27W / 103cm (27W103)				
			32.8W / 124.4cm (33W124)				
			40.5W / 153cm (41W153)				
			54W / 203cm (54W203)				
RGBWW (RGBWW)			9.7W / 53cm (10W053)				
RGBCW (RGBCW)			15.6W / 83cm (16W083)				
60LED/m**			19.5W / 103cm (20W103)				
			23.4W / 123cm (23W123)				
			29.2W / 153cm (29W153)				
			39W / 203cm (39W203)				
RGB (RGB%)			11.5W / 53cm (12W053)				
96LED/m			20.1W / 90.5cm (20W091)				
			23W / 103cm (23W103)				
			27.3W / 121.7cm (27W122)				
			34.5W / 153cm (35W153)				
			46W / 203cm (46W203)				
RGB (RGB%)			7.2W / 53cm (07W053)				
60LED/m**			11.6W / 83cm (12W083)				
			14.5W / 103cm (15W103)				
			17.4W / 123cm (17W123)				
			21.7W / 153cm (22W153)				
			29W / 203cm (29W203)				
RGB (RGB%)			3.6W / 53cm (04W053)				
30LED/m**			5.7W / 83cm (06W083)				
			7.2W / 103cm (07W103)				
			8.6W / 123cm (09W123)				
			10.8W / 153cm (11W153)				
			14.4W / 203cm (14W203)				
					12VDC (12)		

\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected. \* Available in other colours or/and power upon request.

Ordering Code Example: CORNER II 67-AN-RGB60-17W123-OP-24



## MIDI U IP67



- MIDI U IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam.
- Ingress Protection: IP67

Lighting management options:  
On-Off/DALI(0..10V/1..10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 >50.000h  
for monochromatic models

**Available upon request:**

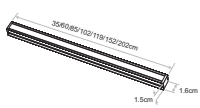
- ✓ Custom dimensions
- ✓ Custom luminaire colours



Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
<b>MIDI U IP67</b> (MIDI U 67)	Anodized (AN)	2000K (20)	Clear (CL)	7W / 35cm (07W035)	24VDC (24)
	Marine Type (MT)	2500K (25)	Opal (OP)	12.2W / 60cm (12W060)	
		2700K (27)		17.5W / 85cm (17W085)	
		3000K (30)		21W / 102cm (21W102)	
		4000K (40)		24.5W / 119cm (24W119)	
		5700K (57)		31.5W / 152cm (31W152) 42W / 202cm (42W202)	

\* IP67: Short term immersion protection

Ordering Code Example: MIDI U 67-AN-40-OP-31W152-24



Input cable with IP68 connectors (as standard)

**PU (Polyurethane) material:**

Til- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives.

EC - Directives 89/109 Contact with Food.

Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.

Thermal Shock - Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

**Marine Type features:**

**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

**Exterior Durability:**  
Meets qualification class 2 requirements after 3 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

**High Resistance to:**

Weather, UV, Water and mould growth



## CORNER 45 IP67

- CORNER 45 IP67 is a custom made linear luminaire available in standard or custom lengths.
- Supplied with single waterproof cable & IP68 connector as standard.
- Possibility for in-out cables & IP68 connectors upon request as extra.
- L90/B10 >50.000h, 3 Step MacAdam.
- Ingress Protection: IP67

Lighting management options:  
On-Off/DALI(0..10V/1..10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 >50.000h  
for monochromatic models

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours

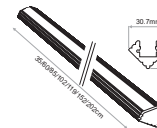


IP67

Model*	Luminaire Colour	CCT	Type	Watt / Length	Voltage
<b>CORNER 45 IP67</b> (CORNER 45-67)	Anodized (AN)	2000K (20)	Clear (CL)	7W / 35cm (07W035)	24VDC (24)
	Marine Type (MT)	2500K (25)	Opal (OP)	12.2W / 60cm (12W060)	
		2700K (27)		17.5W / 85cm (17W085)	
		3000K (30)		21W / 102cm (21W102)	
		4000K (40)		24.5W / 119cm (24W119)	
		5700K (57)		31.5W / 152cm (31W152) 42W / 202cm (42W202)	

\* IP67: Short term immersion protection

Ordering Code Example: CORNER 45 67-AN-30-OP-31W152-24



One outdoor cable and IP68 connector (as standard)

**PU (Polyurethane) material:**

Til- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with: REACH, RoHS and EU European Directives.

EC - Directives 89/109 Contact with Food.

Resistance to: Outdoor - Chemicals - Short term water immersion - Hot water.

Thermal Shock - Heat - Abrasion

In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279

**Marine Type features:**

**Powder Coating:**  
Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), EN13438 (formerly BS6497:1984) and AAMA 2604.

**Exterior Durability:**  
Meets qualification class 2 requirements after 3 years Florida

Meets AAMA 2604-13 requirements after 5 years Florida

**High Resistance to:**

Weather, UV, Water and mould growth





Kalzen Offices  
(Athens / Greece)  
Lighting design: Lighting Art Georga Telos

EXTE  
RIOR  
PROJ  
ECTS  
OR  
RS



# BOX 21

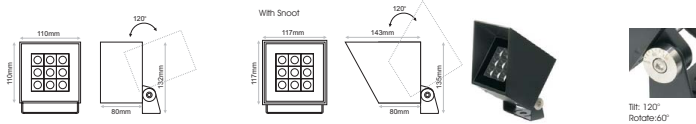


# BOX 21

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base). Ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Moisture treatment is also offered upon request ensuring higher resistance to weather, UV water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <math>\le 12</math> (1.4°), <math>\le 12.5</math> (1.6°), <math>\le 9.3</math> (2.0°), <math>\le 19.9</math> (3.4°), <math>\le 23.4</math> (4.0°), <math>\le 14.2</math> (1.6°x3.0°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm
- Weight: 1.53kg

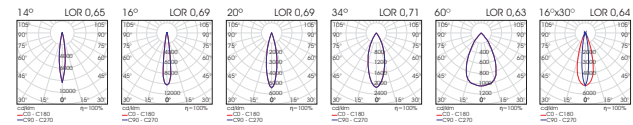
L90/B10 50.000h



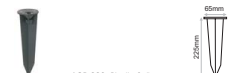
Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
<b>BOX 20.7W</b> (BOX 21)	2700K (27C)	2223lm	14° (N/A)	Black (BL)	230VAC Non-Dimmable (230ND)	cover (0/1)
	3000K (30C)	2377lm	16° (N/A)	White (WH)	230VAC Phase Cut Dimmable* (230D)	SNOOT Black (1/1)
	4000K (40C)	2377lm	20° (N/A)		48VDC PWM Dimmable (48D)	SNOOT White (2/1)
	6500K (65C)	2668lm	34° (N/A)			extras (X/X)
			40° (V/V)			No Extras (1/0)
			16°x3.0° (A/S)			Spike (1/1)
						Concrete Base (2/2)
						Bolt (3/3)
						Pole Base** (4/4)

\* By trailing edge dimmer.  
\*\* Pole base supplied black as standard.

Ordering Code Example: BOX 21-30C-NR-BL-230D-01



## Accessories



# BOX 12N

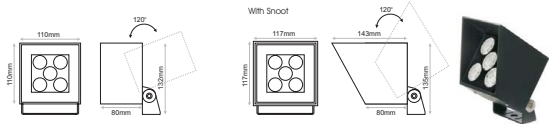


# BOX 12N

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, free belt or pole base), ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR < 17.3 (6°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm<sup>2</sup>
- Weight: 1,53kg

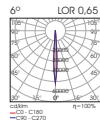
L90/B10 50.000h



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
<b>BOX 12.5W Narrow</b> <small>(BOX 12N)</small>	2700K (27C)	1235lm	6° (1/1)	Black (BL)	230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable* (230D) 24VDC PWM Dimmable (24D) 48VDC PWM Dimmable (48D)	<b>cover</b>
	3000K (30C)	1321lm		White (WH)		Standard (0/)
	4000K (40C)	1321lm				SNOOT Black (1/)
	6500K (65C)	1482lm				SNOOT White (2/)
						<b>extras</b>
						No Extras (0/)
						Spike (1/)
						Concrete Base (2/)
						Belt (3/)
						Pole Base** (4/)

\* By trailing edge dimmers.  
\*\* Pole base supplied black as standard.

Ordering Code Example: BOX 12N-30C-VW-BL-230D-01



## Accessories



ACR.006 Snoot Black  
ACR.007 Snoot White



ACR.008 Plastic Spike



ACR.009 Concrete base



ACR.078 Belt Accessory

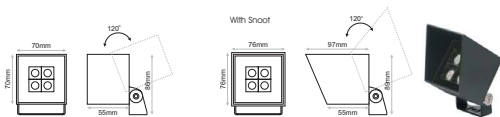


ACR.111 Pole Base Black  
ACRW042 Pole Base White

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base), ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,63kg

L90/B10 50.000h



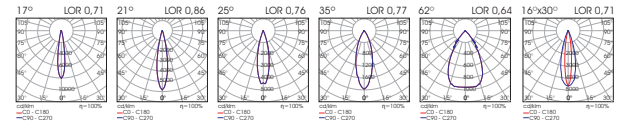
Tilt: 120°  
Rotator: 60°



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
<b>BOX 9.2W</b> <i>(BOX 10)</i>	2700K (27C)	988lm	17° (NH)	Black (BL)	230VAC Non-Dimmable (230ND)	cover Standard (0:1)
	3000K (30C)	1056lm	21° (NR)	White (WH)	230VAC Phase Cut Dimmable* (230CD)	SNOOT Black (1:1)
	4000K (40C)	1056lm	25° (MD)		24VDC PWM Dimmable (24D)	SNOOT White (2:1)
	5000K (50C)	1185lm	35° (WD)		48VDC PWM Dimmable (48D)	(XX)
				16°x30° (AS)		extrus No Extras (1:0)
						Spike (1:1)
						Belt (1:2)
						Pole Base** (1:3)
						Concrete Base (1:4)

\* By leading edge dimmers only.  
\*\* Pole base supplied black as standard.

Ordering Code Example: BOX 10-30C-NR-BL-230D-01



Accessories



ACR.004 Snoot Black  
ACR.005 Snoot White



ACR.077 Belt S Accessory



ACR.003 Plastic Spike



ACR.111 Pole Base Black  
ACR.W62 Pole Base White

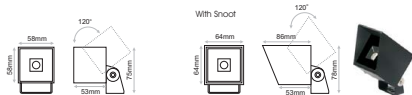


ACR.028 Concrete base

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base), ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR < 15,6 (17°), < 13,9 (21°), < 15,5 (28°), < 23,3 (40°), < 25,2 (63°), < 17,7 (16°x30°)
- Dimming options: Phase Cut Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm<sup>2</sup> L=2,0m
- Outer cable diameter: 7mm<sup>2</sup>
- Weight: 0,50kg

L90/B10 50.000h



Tilt: 120°  
Rotate: 60°

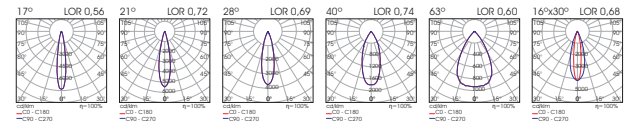


Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
<b>BOX 4.4W</b> <i>(BOX 5)</i>	2700K (27C)	410lm	17° (NH)	Black (BL)	230VAC Phase Cut Dimmable* (230C)	<b>cover</b> Standard (0:1) SNOOT Black (1:1) SNOOT White (2:1) ↓ (XX) <b>extras</b> No Extras (1:1) Spike (1:1) Bell (2:1) Pole Base** (3:1) Concrete Base (4:1)
	3000K (30C)	440lm	21° (NR)	White (WH)	24VDC PWM Dimmable (24D)	
	4000K (40C)	475lm	28° (MC)		48VDC PWM Dimmable (48D)	
	4000K (40C)	475lm	40° (MC)			
	6500K (65C)	510lm	63° (VW)			
			16°x30° (AS)			

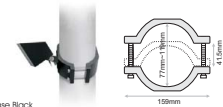
\* By trailing edge dimmers.

\*\* Pole base supplied black as standard.

Ordering Code Example: BOX 5-30C-NR-BL-230D-01



Accessories



# BOX 3N



# BOX 3N

Box series of outdoor spotlights consists of a complete series of 5 different models in terms of consumption, available with accessories for different installations (plastic spike, concrete base, tree belt or pole base), ideal for minimal architectural applications with low glare level due to the design of the luminaire and the extra snoot accessory. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR < 18,6 (3°)
- Dimming options: Phase Cut Dimmable or 24VDC PWM Dimmable.
- Power cable: H05RN-F 3x0,75mm<sup>2</sup> L=2,0m
- Outer cable diameter: 7mm<sup>2</sup>
- Weight: 0,50kg

L80/B10 50.000h

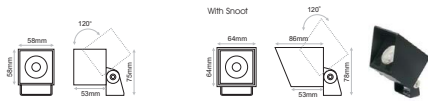
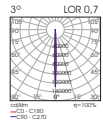


Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	Accessories
<b>BOX 2.5W</b> Narrow (BOX 3N)	2700K (27C)	137lm	3° (V/N)	Black (BL)	230VAC Phase Cut Dimmable* (230D) 24VDC PWM Dimmable (24D)	<b>cover</b> Standard (0/1) SNOOT Black (1/1) SNOOT White (2/1) ↓ (X/X) <b>extras</b> No Extras (1/0) Spike (1/1) Belt (1/2) Pole Base** (1/3) Concrete Base (1/4)
	3000K (30C)	149lm		White (WH)		
	4000K (40C)	170lm				
	6500K (65C)	265lm				

\* By trailing edge dimmers.

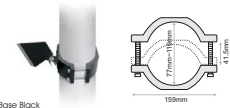
\*\* Pole base supplied black as standard.

Ordering Code Example: BOX 3N-30C-VN-BL-230D-01



Tilt: 120°  
Rotate: 60°

## Accessories

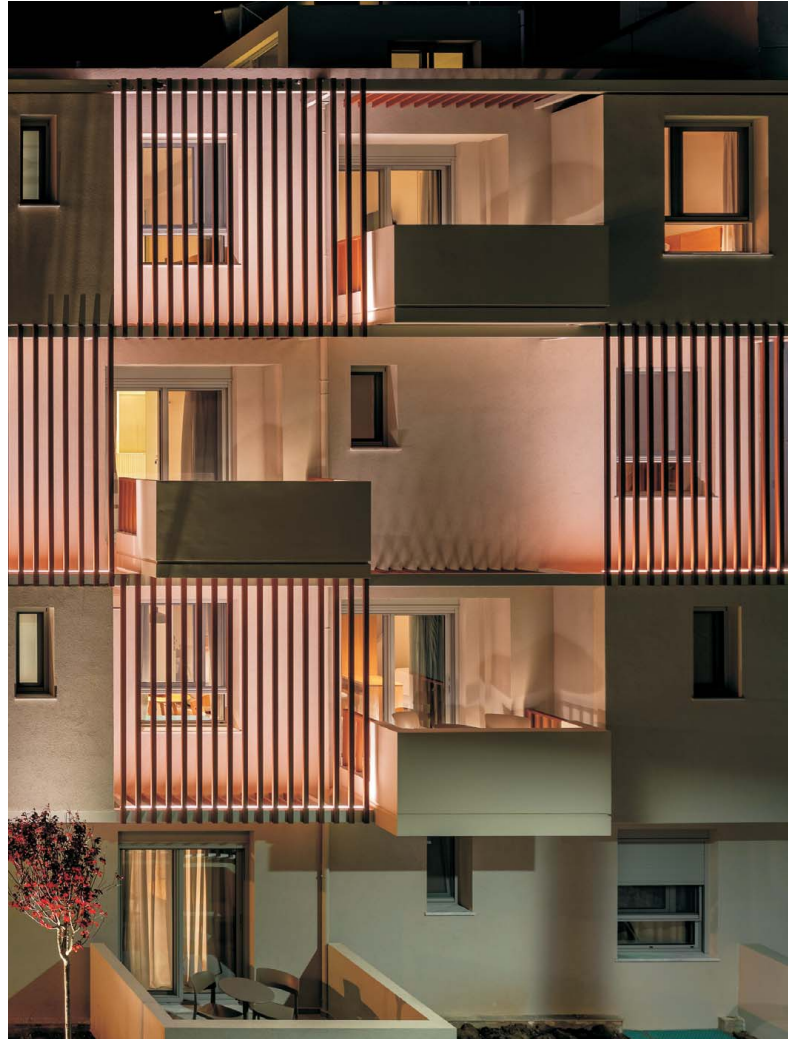


Townhouse (Lefkada / Greece)  
Lighting design: Idea Design Ltd  
Architect: Ioanna Zovitchou  
Photo: Gavriel Papadakis

AWARDS:  
[i]farc awards Structures Low Budget 2022: Second Place



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antonias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



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# CONNY 20

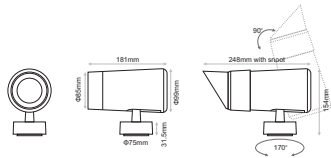


# CONNY 20

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycombs and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK05
- Glare Rating: UGR <10.5 (20°), <12.9 (33°), <17.5 (48°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm
- Weight: 1,70kg

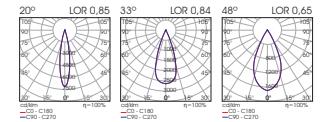
180/810 50.000h



Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories	
						Standard	Extras
<b>CONNY 20.7W</b> (CONNY 20)	2700K (27C)	2340lm	20° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard	Standard
	3000K (30C)	2503lm	33° (MC)	White (WH)	230VAC Phase Cut Dimmable (230D)	SNOCF Black (B01)	SNOCF Black (B01)
	4000K (40C)	2691lm	48° (HD)		48VDC PWM Dimmable (48D)	SNOCF White (W01)	SNOCF White (W01)
	5000K (50C)	2691lm				Standard Honeycomb (H01)	Standard Honeycomb (H01)
						extras	extras
						No Extras (E00)	No Extras (E00)
						Plastic Spike (S01)	Plastic Spike (S01)
						Pole Base* (P02)	Pole Base* (P02)
						Concrete Base (C03)	Concrete Base (C03)
						Belt (B04)	Belt (B04)

\* Pole base supplied black as standard.

Ordering Code Example: CONNY 20-30C-80-20-NR-230D-213



## Accessories



ACR.017 Honeycomb



ACR.018 Snoot Black  
ACR.019 Snoot White



ACR.008 Plastic Spike



ACR.020 Concrete base



ACR.078 Belt Accessory



ACR.111 Pole Base Black  
ACRW02 Pole Base White

# CONNY 15N

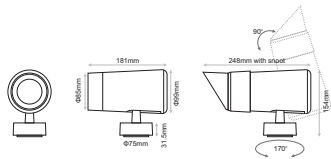


# CONNY 15N

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <9.3 (9%)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm
- Weight: 1.70kg

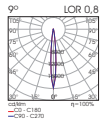
L80/B10 50.000h



Model	CCT	CR180 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				
<b>CONNY 15.6W NARROW</b> (CONNY 15N)	2700K (27C)	1360lm	9° (N/A)	Black (BL)	230VAC Non-Dimmable (230VD)	Standard (0/1)
	3000K (30C)	1417lm		White (WH)	230VAC Phase Cut Dimmable (230CD)	SNOOT Black (1/0)
	4000K (40C)	1490lm			48VDC PWM Dimmable (48CD)	SNOOT White (2/0)
	5000K (50C)	1513lm				Standard (0/1)
						Honeycomb (1/1)
						<b>extras</b>
						No Extras (1/0)
						Plastic Spike (1/1)
						Pole Base* (1/2)
						Concrete Base (1/3)
						Belt (1/4)

\* Pole base supplied black as standard.

Ordering Code Example : CONNY 15N-30C-80-WN-BL-230D-213



## Accessories

**ACR.017** Honeycomb

**ACR.018** Snoot Black  
**ACR.019** Snoot White

**ACR.008** Plastic Spike

**ACR.020** Concrete base

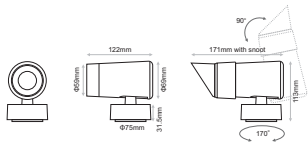
**ACR.078** Belt Accessory

**ACR.111** Pole Base Black  
**ACR.W62** Pole Base White

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycombs and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK05
- Glare Rating: UGR <15.9 (22°), <15 (38°), <18.3 (50°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,80kg

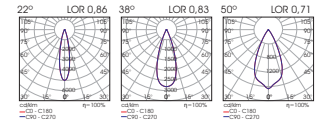
L90/B10 50.000h



Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
80 (80)						
<b>CONNY 9.7W</b> <i>(CONNY 9)</i>	2700K (27C)	1035lm	22° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard SNOOT White (1/1) Standard SNOOT Black (2/1) Standard Honeycomb (1/1) extras No Extras (1/0) Plastic Spike (1/1) Pole Base* (1/2) Concrete Base (1/3) Belt S (1/4) Belt R (1/5)
	3000K (30C)	1144lm	38° (ND)	White (WH)	230VAC Phase Cut Dimmable (230D)	
	4000K (40C)	1144lm	50° (WD)		48VDC PWM Dimmable (48D)	
	5000K (50C)	1193lm				

\* Pole base supplied black as standard.

Ordering Code Example: CONNY 9.30C-80-38-NR-230D-215



### Accessories



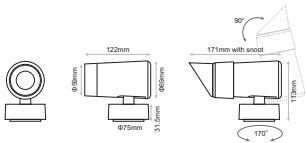
# CONNY 9N



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK05
- Glare Rating: UGR < 10.7 (9°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Power cable: H05RN-F 3x0.75mm<sup>2</sup> L=2.0m
- Outer cable diameter: 7mm
- Weight: 0,80kg

L90/B10 50.000h



# CONNY 9N

CREE  
LEDs

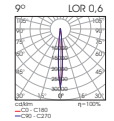
IP66

Model	CCT	CR180 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				
<b>CONNY 9.2W NARROW</b> <small>(CONNY 9N)</small>	2700K (27C)	735lm	9° (N/A)	Black (BL)	230VAC Non-Dimmable (230V)	Standard (0/1)
	3000K (30C)	735lm		White (WH)	230VAC Phase Cut Dimmable (230V)	SNOOT Black (1/1)
	4000K (40C)	831lm			24VDC PWM Dimmable (24V)	SNOOT White (2/1)
	5000K (50C)	893lm			48VDC PWM Dimmable (48V)	Standard (0/1)
						Honeycomb (1/1)
						<b>extras</b>
						No Extras (1/0)
						Plastic Spike (1/1)
						Pole Base* (1/2)
						Concrete Base (1/3)
						Belt S (1/4)
						Belt R (1/5)



\* Pole base supplied black as standard.

Ordering Code Example: CONNY 9N-30C-80-1N-BL-230D-212



## Accessories

- ACR.014** Honeycomb
- ACR.015** Snoot Black  
**ACR.016** Snoot White
- ACR.008** Plastic Spike
- ACR.020** Concrete base

- ACR.077** Belt S Accessory
- ACR.010** Belt R Accessory
- ACR.111** Pole Base Black  
**ACR.W62** Pole Base White

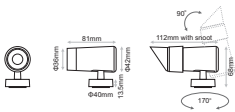
# CONNYY 6



Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, free belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating CONNYY 6: UGR <21.5 [16°], <18.8 [20°], <21.2 [30°], <21.6 [42°]
- Glare Rating CONNYY 6 WD: UGR <17.6 [38°], <20.7 [54°]
- Dimming options: 24VDC Non-Dimmable or 24VDC PWM Dimmable.
- Power cables: HBSRN-F 2x0.5mm<sup>2</sup> L=2.0m
- Outer cable diameter: 5mm<sup>2</sup>
- Weight: 0,28kg

L90/B10 50.000h



With Snoot



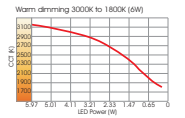
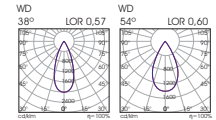
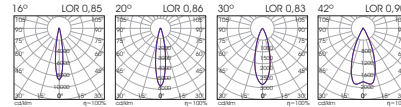
# CONNYY 6



Model	CCT	CRI LED Source	Beam Angle	Colour	Voltage/Current	Accessories
<b>CONNYY 6W</b> <small>(CONNYY 6)</small>	2700K (27C)	80 (80)	14° (N4)	Black (B)	24VDC Non-Dimmable (24)	Standard (10)
	3000K (30C)	550m	20° (N6)	White (W)	24VDC PWM Dimmable (24D)	SNOOT Black (11)
	4000K (40C)	550m	30° (N10)			SNOOT White (21)
	5000K (50C)	642m	42° (N14)			Standard (10)
		689m				Honeycomb (11)
	<b>Warm Dimmable</b>	90 (90) 95 (95)	38° (N12) 54° (N18)		Current 350mA (350)	<b>extras</b> No Edges (10)
	<b>Warm Dimming (WD)</b>	627m 552m				Plastic Spike (11)
						Pole Base* (12)
						Concrete Base (13)
						Belt (14)

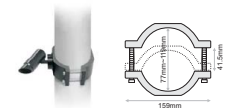
\* Pole base supplied black as standard.

Ordering Code Example: CONNYY-6-30C-80-10-MD-BL-24-011



## Accessories

- ACR.011** Honeycomb
- ACR.012** Snoot Black  
**ACR.013** Snoot White
- ACR.003** Plastic Spike
- ACR.028** Concrete base



**ACR.111** Pole Base Black  
**ACRW62** Pole Base White

# CONNY 4



# CONNY 4

Conny series is a complete series of outdoor spotlights consisting of 6 different models in terms of consumption. The series is available with a variety of accessories (plastic spike, concrete base, tree belt or pole base). It blends into minimal landscape due to the aesthetic of the spot itself and due to the low glare achieved by the use of honeycomb and/or snoot. It is available in black or white colour as standard but custom RAL colours are also available upon request. Marine treatment is also offered upon request ensuring higher resistance to weather, UV, water and mould growth.

- Ingress Protection: IP66
- IK Rate: IK06
- Glare Rating: UGR <20.2 (16°), <17.5 (20°), <19.9 (30°), <20.3 (44°)
- Dimming options: 24VDC Non-Dimmable or 24VDC PWM Dimmable
- Power cable: H05RN-F 2x0.5mm<sup>2</sup> L=2.0m
- Outer cable diameter: 5mm
- Weight: 0,28kg

L90/B10 50.000h

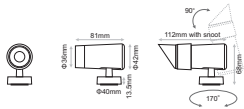
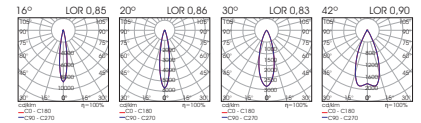


IP66

Model	CCT	CS80 LED Source		Beam Angle	Colour	Voltage	Accessories	
		LED Source	Beam Angle				Standard	Extras
CONNY 4W <small>(CONNY 4)</small>	2700K (27C)	378lm	16° (N9)	Black (BL)	24VDC Non-Dimmable (2-4)	Standard	(0-1)	
	3000K (30C)	378lm	20° (M6)	White (WH)	24VDC PWM Dimmable (2-4C)	SNOOT Black (F-0)	(F-1)	
	4000K (40C)	428lm	30° (M3)			SNOOT White (2-0)	(2-1)	
	5000K (50C)	459lm	42° (W)			Standard (0-0)	(0-1)	

\* Pole base supplied black as standard.

Ordering Code Example: CONNY 4-30C-80-MD-BL-24-011



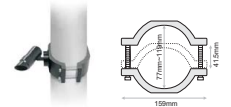
With Snoot

## Accessories

- ACR.011** Honeycomb
- ACR.012** Snoot Black  
**ACR.013** Snoot White
- ACR.003** Plastic Spike
- ACR.028** Concrete base



**ACR.077** Belt S Accessory



**ACR.111** Pole Base Black  
**ACR.W62** Pole Base White

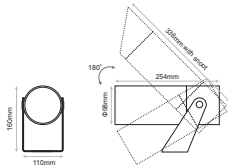
# OLLY 46



OLLY 46

- Oly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Oly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm<sup>2</sup>
- Non dimmable
- L90 / B10 50000h
- Ingress protection: IP66
- Weight: 2.4kg

L90/B10 50.000h



With snoot

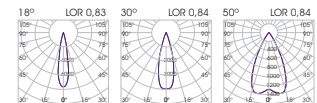


IP65

Model	CCT	CRI80 LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				(1) (2) (3) (4)
<b>OLLY 46.3W</b> (OLLY 46)	2700K (27C)	5520lm	18° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard
	3000K (30C)	5520lm	30° (MD)	White (WH)		SNCOOT (1)
	4000K (40C)	5930lm	50° (WD)			Standard
	5000K (50C)	5930lm				Honeycomb Diffuser (2)
						<b>extras</b>
						No Extras (0)
						Plastic Spike (1)
						Pole Base* (2)
						Concrete Base (3)
						Belt (4)

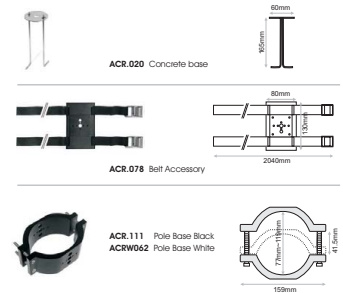
\* Pole base supplied black as standard.

Ordering Code Example: OLLY 46-40C-80-MD-BL-230ND-104



### Accessories

- ACR.095** Honeycomb
- ACR.096** Diffuser
- ACR.097** Snoot Black  
**ACRW098** Snoot White
- ACR.008** Plastic Spike



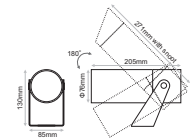
# OLLY 27



# OLLY 27

- Oly projectors consist of two models in terms of consumption: 46 and 27 watt.
- The series offers a variety of accessories: diffuser, honeycomb and snoot to ensure visual comfort.
- Oly offers accessories in terms of installation: plastic spike, concrete base, belt accessory and pole base.
- It is available in black or white colour as standard but other RAL colours are also available upon request
- Outer cable diameter: 7mm
- Non dimmable
- L90/B10 50000h
- Ingress protection: IP66
- Weight: 1.4kg

L90/B10 50.000h



With snoot

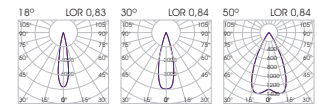


IP66

Model	CCT	CMB LED Source	Beam Angle	Colour	Voltage	Accessories
		80 (80)				(1' X 1')
<b>OLLY 27.3W</b> (OLLY 27)	2700K (27C)	3080lm	18° (NR)	Black (BL)	230VAC Non-Dimmable (230ND)	Standard SNCOOT (1'0)
	3000K (30C)	3310lm	30° (MC)	White (WH)		Standard Honeycomb Diffuser (2'2)
	4000K (40C)	3540lm	50° (WC)			<b>extras</b>
	5000K (50C)	3540lm				No Extras (0'0)
						Plastic Spike (1'1)
						Pole Base* (1'2)
						Concrete Base (1'3)
						Belt (1'4)

\* Pole base supplied black as standard.

Ordering Code Example: OLLY 27-40C-80-MD-BL-230ND-104



## Accessories



**ACR.091** Honeycomb



**ACR.092** Diffuser



**ACR.093** Snoot Black  
**ACR.W094** Snoot White



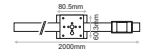
**ACR.008** Plastic Spike



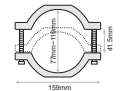
**ACR.020** Concrete base



**ACR.077** Belt S Accessory



**ACR.111** Pole Base Black  
**ACR.W062** Pole Base White





# GONZO 46



Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass, T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm<sup>2</sup> L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg

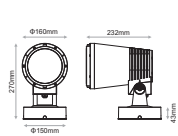


Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
<b>GONZO 46W</b> <i>(GONZO 46)</i>	2700K (27K)	3130lm	9° (09)	Black (BL)	24VDC PWM Dimmable (24)
	3000K (30K)	3360lm	15° (15)	White (WH)	
	4000K (40K)	3600lm	20° (20)		
			30° (30)		
			45° (45)		



\* Available also in 5700K & 6500K upon request.  
Ordering Code Example: GONZO 46-30N-30-BL-24

## Accessories



# GONZO 25

Gonzo is an outdoor projector series available either monochromatic or in RGBW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass, T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H05RN-F 2x1.0mm<sup>2</sup> L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg

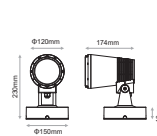


Model	CCT*	Luminaire Lumen	Beam Angle	Colour	Dimming Option
<b>GONZO 25W</b> <i>(GONZO 25)</i>	2700K (27K)	1490lm	9° (09)	Black (BL)	24VDC PWM Dimmable (24)
	3000K (30K)	1600lm	15° (15)	White (WH)	
	4000K (40K)	1710lm	20° (20)		
			30° (30)		
			45° (45)		



\* Available also in 5700K & 6500K upon request.  
Ordering Code Example: GONZO 25-30N-30-BL-24

## Accessories



# GONZO 70 RGBWW



Gonzo is an outdoor projector series available either monochromatic or in RGBWW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass, T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cables: H05RN-F 5x0.5mm<sup>2</sup> L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 12
- Weight: 4.2kg

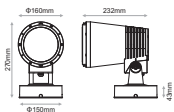


IP66

Model	CCT	Luminance Lumen	Beam Angle	Colour	Dimming Option
<b>GONZO 70W</b> <i>(GONZO 70)</i>	RGBWW(3000K) <i>(RGBWW)</i>	2054lm	20° (20) 30° (30)	Black <i>(BL)</i> White <i>(WH)</i>	24VDC PWM Dimmable <i>(24)</i>

Ordering Code Example: GONZO 70-RGBWW-30-BL-24

## Accessories



ACR 432 Shoot Black  
ACR 434 Shoot White



ACR 431 Plastic Spike



ACR 430 Bell Accessory



# GONZO 36 RGBWW

Gonzo is an outdoor projector series available either monochromatic or in RGBWW.

- Housing: Die-cast aluminum with black or white powder coated.
- Mounting base: Powder coated die-cast aluminum.
- Glass: Tempered glass, T=3mm
- Cable gland: IP-68 PG-9 PA66
- Power cables: H05RN-F 5x0.5mm<sup>2</sup> L=0.3m
- IK Rate: 06
- Outdoor installation: IP66
- 24VDC PWM Dimmable
- Number of LEDs: 6
- Weight: 2.5kg

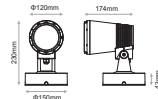


IP66

Model	CCT	Luminance Lumen	Beam Angle	Colour	Dimming Option
<b>GONZO 36W</b> <i>(GONZO 36)</i>	RGBWW(3000K) <i>(RGBWW)</i>	1240lm	20° (20) 30° (30)	Black <i>(BL)</i> White <i>(WH)</i>	24VDC PWM Dimmable <i>(24)</i>

Ordering Code Example: GONZO 36-RGBWW-30-BL-24

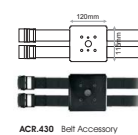
## Accessories



ACR 429 Shoot Black  
ACR 433 Shoot White



ACR 431 Plastic Spike



ACR 430 Bell Accessory

# TONDO

Exterior Projectors 

TONDO LED spotlight ideal in applications that require a small scale luminaire.

- Housing material: aluminum
- Glass : Tempered glass T=4mm
- Power cable: HD5RN-F 2x0.75mm<sup>2</sup> L=1.5m
- Outdoor installation: IP66
- Luminaire available in Black colour and Silver Anodized. Available also in Dark Brown.
- Available accessories: Snoot, Plastic Spike, Belt accessory



CREE  IP66

Model	CCT	CR180 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		>80 (83)				
<b>TONDO 6W</b> (TONDO-6)	2700K (27C)	300lm	15° (15)	Silver Anodized (A1)	12VDC Dimmable (20-100%) (12)	Standard (01) Snoot Silver Anodized (11) Snoot Black (21) EXTRAS No Extras (1N) Belt (1B) Spike (1S)
	3000K (30C)	320lm	20° (20)	Black (B1)		
	4000K (40C)	350lm	40° (40)			
	5600K (56C)	370lm				

Ordering Code Example: TONDO 6-40C-80-20-BA-12-2B



### Accessories

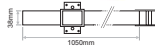
**ACR.152** Snoot Silver Anodized  
**ACR.153** Snoot Black



**ACC.006** Plastic Spike



**ACC.231** Belt Accessory



# TONDO MINI

Exterior Projectors 

TONDO MINI is the smallest in scale LED spotlight.

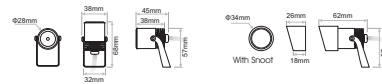
- Housing material: aluminum
- Glass : Tempered glass T=4mm
- Power cable: HD5RN-F 0.75mm<sup>2</sup> L=1m
- Outdoor installation: IP66
- Luminaire available in Black colour and Silver Anodized. Available also in Dark Brown.
- Available accessories: Snoot, Plastic Spike, Belt accessory



CREE  IP66

Model	CCT	CR180 Luminaire Lumen	Beam Angle	Luminaire Colour	Voltage	Accessories
		>80 (83)				
<b>TONDO MINI 2W</b> (TONDO MINI 2)	2700K (27C)	150lm	17° (17)	Silver Anodized (A1)	12VDC Dimmable (20-100%) (12)	Standard (01) Snoot Silver Anodized (11) Snoot Black (21) EXTRAS No Extras (1N) Belt (1B) Spike (1S)
	3000K (30C)	160lm	25° (25)	Black (B1)		
	4000K (40C)	170lm	45° (45)			
	5600K (56C)	180lm				

Ordering Code Example: TONDO MINI 2-40C-80-45-AN-12-0B



### Accessories

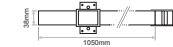
**ACR.155** Snoot Silver Anodized  
**ACR.156** Snoot Black



**ACC.006** Plastic Spike



**ACC.231** Belt Accessory



# TONDO RETROFIT

TONDO Retrofit is a luminaire suitable for GU10 LED lamps (max 9W).

- Housing material: aluminum.
- Glass: Tempered glass 1=3mm
- Power cable HOSRN-F-3x1,0mm<sup>2</sup> L=1m
- Cable gland: PG7
- Gasket: O-ring PMQ silicone seal.
- Outdoor installation: IP66
- Luminaire available in Dark Grey, Black or Dark Brown colour.
- Available accessories: Snoot, Plastic Spike, Belt accessory.
- GU10 lamp holder, max 9W (lamp not included).

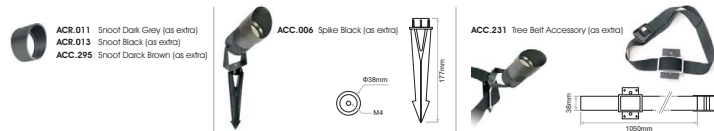
Exterior Projectors



Code	Model	Colour	Lamp Holder	Dimensions	IP Rate
ALE.091	TONDO RETROFIT	Dark Grey	GU10 (max 9W)	Φ65x95mm	IP66
ALE.192	TONDO RETROFIT	Black	GU10 (max 9W)	Φ65x95mm	IP66
ALE.117	TONDO RETROFIT	Dark Brown	GU10 (max 9W)	Φ65x95mm	IP66



## Accessories



Exterior Projectors

# DENDO

DENDO is a LED spotlight with manually adjustable beam angle from 55° to 15°.

- Housing material: aluminum
- Power cable: HOSRN-F 2x1,0mm<sup>2</sup> open wires. L= 1 meter for 12VDC version. HOSRN-F 3x1,0mm<sup>2</sup> open wires. L= 1 meter for 230VAC version.
- Consumption: 12 Watt
- Outdoor installation: IP66
- Available accessories: Plastic spike, Belt accessory.



Selectable beam angle (From 15° to 55°)

CREE LEDs IP66

Model	CCT	Luminaire Lumen	CBT	Beam Angle	Luminaire Colour	Voltage	Accessories
DENDO 12W (DENDO 12)	2700K (27C)	max 55° / 390lm min 15° / 170lm	> 80 (80)	Adjustable 15° <sub>min</sub> -55° <sub>max</sub>	Black (BL)	12VDC Dimmable (20-100%) (12)	No Accessory (N)
	3000K (30C)	max 55° / 400lm min 15° / 180lm			White (WH)	230VAC Non-Dimmable (230)	Spike (S)
	4000K (40C)	max 55° / 410lm min 15° / 190lm					Belt (B)
	5000K (50C)	max 55° / 420lm min 15° / 200lm					
	5600K (56C)	max 55° / 420lm min 15° / 200lm					

Ordering Code Example:  
DENDO 12-40C-80-AD-BL-230-S





 Exterior Projectors

# STORM WASH 61 ZOOM

- High power RGBW LED projector 180W.

SPECIFICATIONS

- Lumen Output: 3500+
- Lux at 5m: 5000lm (8° optics).
- USITT DMX 512 on board with optional DMX personalities.
- Display control on board for 3/4/5/6/12 channels, STATIC COLOUR, AUTO and CUSTOM.
- IP rating: 65.
- Electronic zoom 8°-40°.
- Dimmer 0-100%.
- Strobe 0-20Hz.
- Weight 9Kgs.



IP66

Model	Code	No. LEDs	Colour	Input Voltage	Power Consumption	Dimensions	Weight	Beam Angle	IP Rate
STORM WASH 61 ZOOM	PLE.037	61	17R+17G+17B+10W	100-240VAC 50-60Hz	180W	302x237x311mm	9Kgs	8°-40°	IP66

ACCESSORIES



ACC.225  
IP67 Power Extension Cable (5m)



ACC.226  
IP67 DMX Extension Cable (5m)



ACC.241  
Filter Holder



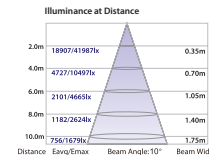
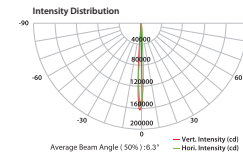
ACC.239  
Barn Doors



Top Hat



Holder for Top Hat





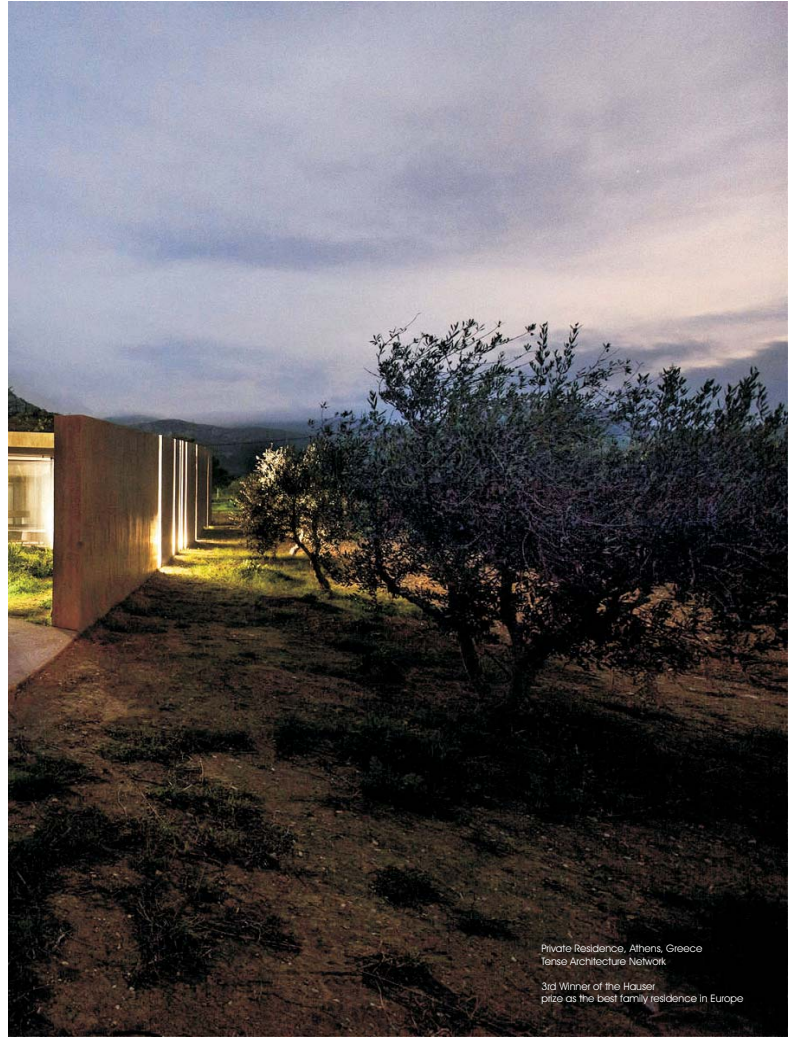
Residence (Pitres / Cyprus)  
 Lighting Design: Alkiste Skarlatou - light in space  
 Architect: Eleni Konstantinidou Architects  
 Photo: Maria Efthymiou

**AWARD:**  
**LIT** LIGHTING DESIGN AWARDS  
 Winners in Residential Lighting Design





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Private Residence, Athens, Greece  
Tense Architecture Network  
3rd Winner of the Hausser  
prize as the best family residence in Europe

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

# TERRAGON 80

Exterior Inground, Surface, Wall, Bollard

Terragon is the newest Inground series engineered with premium materials. Terragon 80 is the highest in performance luminaire that guarantees outstanding performance and durability. The aluminum housing and stainless-steel frame showcase unparalleled resilience against weathering and corrosion, ensuring enduring aesthetic appeal. This luminaire seamlessly integrates form and function, boasting a sophisticated and contemporary design that transforms any outdoor space. Tailored for wall washing applications, Terragon 80 ensures a uniform and consistent distribution of light, bathing surfaces in an even glow. Notably, the luminaire offers a customizable tilt angle, providing designers control over the final lighting outcome and adding a layer of versatility to this cutting-edge design.

- TERRAGON 80 offers excellent uniformity and colour consistency.
- Angleize control through the use of either honeycomb or micro louvre options. Optional for all models.
- Supplied with inful cable & IP 68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68/IP67
- Adjustable tilt angle = 15° for the IP67 model.
- Fixed tilt angle 0°, 2.5°, 5.0°, 7.5° for the IP68 model.
- Recessed & Flat Recessed models.
- Suitable for marine and harsh environment applications.
- IK Rate: IK10
- Cost effective models at 24VDC.
- High efficient models from 24VDC up to 48VDC.



### Constant Power for RGBW & TW models provides:

- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.

**L90/B10 > 50.000h**  
for monochromatic models

**L70/B10 > 50.000h**  
for RGBW & TW models

Exterior Inground, Surface, Wall, Bollard

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/RR/RF/PUSH BUTTON/Bluetooth

### Technical features:

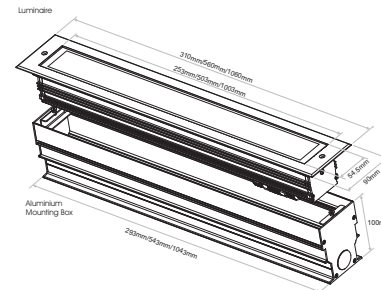
**Installation:** In-ground  
**LED light source:** Diffused lighting / Nichia LED. Directional lighting / Samsung LED.  
**Diffused:** Frost, Opal  
**Directional Optics:** Monochrome, Tunable White (2in1): 8°  
 Monochrome, Tunable White (2in1): RGBW, RGBA:  
 12°, 22°, 45°, 60°, 12°x40°, 15°x50°, 15°x80°, 40°x12°, 50°x15°, 80°x15°  
 31cm/56cm/106cm  
 5/10/20 (directional version)  
**Lengths:** No of LEDs (31/56/106cm):  
**Power Supply:** From 24VDC up to 48VDC (depending on the model).  
**Power for Diffused:** Monochrome: 31cm:16W, 56cm: 32W, 106cm: 63W  
 TW: 31cm:15W, 56cm: 30W, 106cm: 60W  
 RGBW: 31cm:20W, 56cm: 41W, 106cm:81W  
 31cm: 17.5W, 56cm: 35W, 106cm:70W  
**Power for Directional:** IP68/IP67 (depending on the model)  
**Ingress protection:** IP68/IP67 (depending on the model)  
**Operation Ambient temperature:** -25°C to +50°C

### Materials

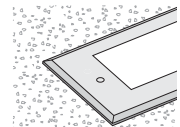
**Main body:** Powder coated natural anodized anticorrosion aluminium EN AW-6060.  
**Protective cover:** 10mm tempered Low-Iron Glass.  
**Frame:** 316 L stainless steel.  
**Finishes (End caps):** Powder coated natural anodized anticorrosion aluminium EN AW-5052.  
**Optics:** PMMA collimating lens.  
**Sealing O-rings:** Buna-N Nitrile (NBR)  
**Connectors:** PA66 NYLON  
**Printed circuit:** Insulated metal substrate PCB.  
**Power cords:** 15cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.  
**Screws:** Stainless steel

### Powder coating characteristics:

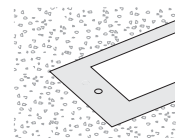
**Powder Coating:** Ultra-durable powder coating that meets the requirements of G88 Master, Qualicoat Class2 EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.  
**Exterior Durability:** Meets qualicoat class 2 requirements after 3 years Florida  
 Meets AAMA 2604-13 requirements after 5 years Florida  
**High Resistance to:** Weather, UV, Water and mould growth.



### Recessed



### Flat Recessed

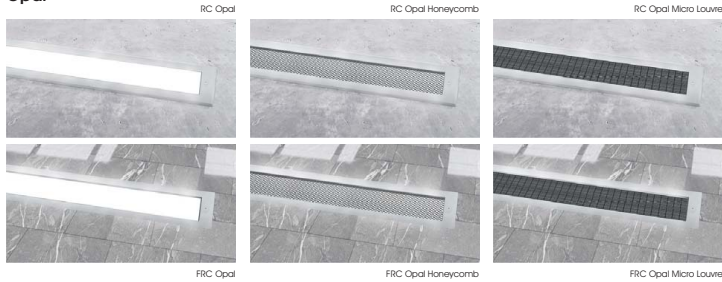




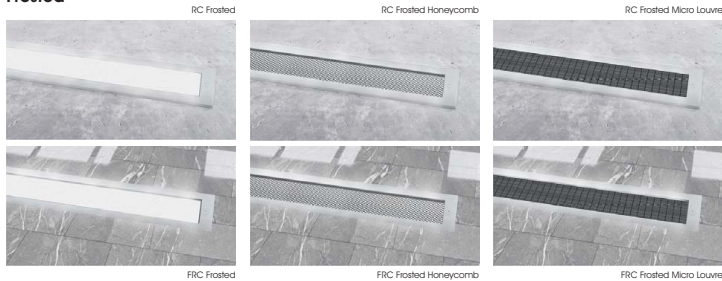
Clear



Opal



Frosted



Tilt adjustable model offers increased flexibility and versatility, the tilt angle can be altered from -15° to +15° degrees, allowing for a wide range of lighting applications. TERRAGON's adjustability ensures that the desired lighting effect can be achieved with ease.

Aluminium Mounting Box

- ACR.149 31cm
- ACR.150 56cm
- ACR.151 106cm

Accessories



**IP68 Socket Connector (Female)**  
 2-POLE CMC.110  
 3-POLE CMC.112  
 5-POLE CMC.114

**CNC.106**  
 IP68 Junction box 4way / 2-5pole

**Extension Cable**  
 2-POLE WIR.118  
 3-POLE WIR.119  
 5-POLE WIR.120

**IP68 Plug Connector (Male)**  
 2-POLE CMC.111  
 3-POLE CMC.113  
 5-POLE CMC.115

**CNC.109**  
 IP68 Joint connector 2way / 2-5pole

Diffused Models



Model	CCT	CRI	Lead Source	Dimmed Type	Watt / Length	Voltage	Extras
<b>43Wlm</b>							
<b>TERRAGON 80 IP68 Diffused Recessed</b> <i>(TERRAGON 8058 DIFF RC)</i>	2700K	80 (2780)	91955m	Frost (FR)	15.8W / 31cm	24VDC (24)	None (0)
	3000K	80 (3080)	94800m	Opal (OP)	31.5W / 56cm		Honeycomb (1)
	4000K	80 (4080)	97500m		63W / 106cm		Micro Louve 0° (2)
	5700K	80 (5780)	100350m				Micro Louve 15° (3)
<b>TUNABLE WHITE</b>							
<b>TERRAGON 80 IP68 Diffused Flat Recessed</b> <i>(TERRAGON 8058 DIFF FRC)</i>	TW (2700K-5700K)	80 (TW80)	60Wlm 77618m 3735-4020m		15W / 31cm	20W031 40.5W / 56cm 81W106	
		90 (TW90)	67478m 3254-3513m		30W / 56cm		
					60W / 106cm		
<b>RGBW</b>							
<b>RGBW (2700K) (RGBW2.7)</b>	(RED)		31.44lm		20.25W / 31cm	(20W031)	
	(GREEN)		462lm				
	(BLUE)		924lm				
	(WHITE)		270lm 1568m				
<b>RGBW (4000K) (RGBW4.0)</b>	(RED)		31.14lm		40.5W / 56cm	(41W056)	
	(GREEN)		456lm				
	(BLUE)		966lm				
	(WHITE)		303lm 1560m				

Ordering Code Example: TERRAGON 8058 DIFF RC-3080-OP-63W106-24-1

## TERRAGON 80

Exterior Inground, Surface, Wall, Boltard



### High Efficiency Directional Models



Model	CCT	CRI	Lead Source	Beam Angle	Tilt Angle	Watt / Length	Voltage**	Extras
<b>70Wm</b>								
<b>TERRAGON 80 IP67 HE Directional Recessed</b> <small>(TERRAGON 8067 HE DR RC)</small>	2700K	80 (2780)	7230lm	8°* (08)	Adjustable	17.5W / 31cm (18W031)	24-48VDC	None (0)
	2700K	90 (2790)	5740lm	12° (12)	-15° + 15° (AD)	35W / 56cm (35W056)	(2448V)	Honeycomb (1)
	3000K	80 (3080)	7230lm	22° (22)		70W / 106cm (70W106)		Micro Louve 0° (2)
	3000K	90 (3090)	5740lm	45° (45)				Micro Louve 15° (3)
				60° (60)				
<b>TERRAGON 80 IP67 HE Directional Flat Recessed</b> <small>(TERRAGON 8067 HE DR FRC)</small>	4000K	80 (4080)	7730lm	12°x40° (12x40)				
	4000K	90 (4090)	6740lm	15°x50° (15x50)				
	5700K	80 (5780)	7730lm	15°x80° (15x80)				
				40°x12° (40x12)				
				50°x15° (50x15)				
				80°x15° (80x15)				
<b>TUNABLE WHITE</b>								
			<b>70Wm</b>					
	TW (2700K+6000K)	90 (TW90)	5540lm 2650+3020lm					
<b>RGBW</b>								
			<b>70Wm</b>					
	RGBW (3000K)	(RGBW30)	4000lm					
	RGBW (4000K)	(RGBW40)	4095lm					
<b>TERRAGON 80 IP68 HE Directional Recessed</b> <small>(TERRAGON 8068 HE DR RC)</small>			860m (RED)	0° (0)				
			1540m (GREEN)	2.5° (2.5)				
			830m (BLUE)	5° (5)				
			1350m (3000K)	7.5° (7.5)				
			1445m (4000K)					
<b>TERRAGON 80 IP68 HE Directional Flat Recessed</b> <small>(TERRAGON 8068 HE DR FRC)</small>								

\* 8° only for Monochromatic & Tunable models.  
\*\* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: TERRAGON 8068 HE DR FRC-TW90-60-5-70W106-2448V-0

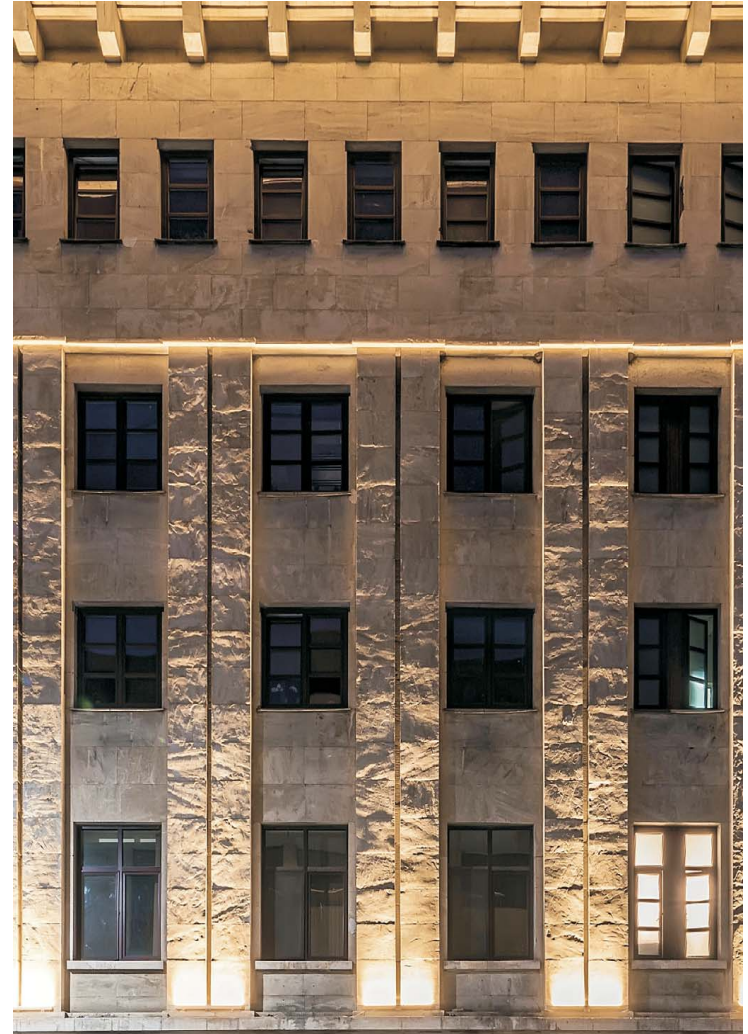
### High Efficiency Constant Power Operation Models



Model*	CCT	CRI	Lead Source	Beam Angle	Tilt Angle	Watt / Length	Voltage***	Extras
<b>TUNABLE WHITE</b>								
<b>TERRAGON 80 IP67 HE CP Directional Recessed</b> <small>(TERRAGON 8067 HECP DR RC)</small>			<b>70Wm</b>	8°*** (08)	Adjustable	17.5W / 31cm (18W031)	24-48VDC	None (0)
	TW (2700K+6000K)	90 (TW90)	6075lm 5400+6750lm	12° (12)	-15° + 15° (AD)	35W / 56cm (35W056)	(2448V)	Honeycomb (1)
				22° (22)		70W / 106cm (70W106)		Micro Louve 0° (2)
				45° (45)				Micro Louve 15° (3)
				60° (60)				
<b>TERRAGON 80 IP67 HE CP Directional Flat Recessed</b> <small>(TERRAGON 8067 HECP DR FRC)</small>			<b>70Wm</b>					
			3338lm	12°x40° (12x40)				
				15°x50° (15x50)				
				15°x80° (15x80)				
				40°x12° (40x12)				
				50°x15° (50x15)				
				80°x15° (80x15)				
<b>TERRAGON 80 IP68 HE CP Directional Recessed</b> <small>(TERRAGON 8068 HECP DR RC)</small>			2480m (RED)	0° (0)				
			5080m (GREEN)	2.5° (2.5)				
			860m (BLUE)	5° (5)				
			4930m (3000K)	7.5° (7.5)				

\*High Efficiency Constant Power models can only be driven with Electron constant power drivers.  
\*\* 8° only for Monochromatic & Tunable models.  
\*\*\* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: TERRAGON 8067 HECP DR RC-RGBW40-12x40-AD-35W056-2448V-2



# TERRAGON 40

Exterior Inground, Surface, Wall, Bollard

Terragon is the newest inground series engineered with premium materials. Terragon 40 is the smallest luminaire that guarantees outstanding performance and durability. The aluminum housing and stainless steel frame offer superior resistance to weathering and corrosion, ensuring enduring aesthetic appeal. TERRAGON 40 provides a perfect blend of form and function, featuring a sleek and modern design that will elevate any outdoor space. It is perfect for wall washing, as it provides a uniform and consistent distribution of light, ensuring evenly illuminated surfaces. TERRAGON 40 comes with customizable tilt angle, offering designers control over the final lighting outcome.

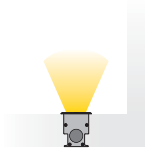
- TERRAGON 40 offers excellent uniformity and colour consistency.
- Antiglare control through the use of either honeycomb or micro louvre options. Optional for all models.
- Supplied with input cable & IP 68 connector as standard.
- Possibility for in-out cables & connectors upon request as extra.
- Walk Over: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68/IP67
- Adjustable tilt angle = 15° for the IP67 model.
- Fixed tilt angle 0°, 2.5°, 5.0°, 7.5° for the IP68 model.
- Recessed & Flat Recessed models.
- Suitable for marine and harsh environment applications.
- IK Rate: IK07
- Cost effective models from 24VDC up to 48VDC.
- High efficient models from 24VDC up to 48VDC.

#### Constant Power for RGBW & TW models provides:

- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.

**L90/B10 > 50.000h**  
for monochromatic models

**L70/B10 > 50.000h**  
for RGBW & TW models



Exterior Inground, Surface, Wall, Bollard

Lighting management options:  
On-Off/DALI...10V/1...10V/DMX512/PHASE CUT/RR/PUSH BUTTON/Bluetooth

#### Technical features:

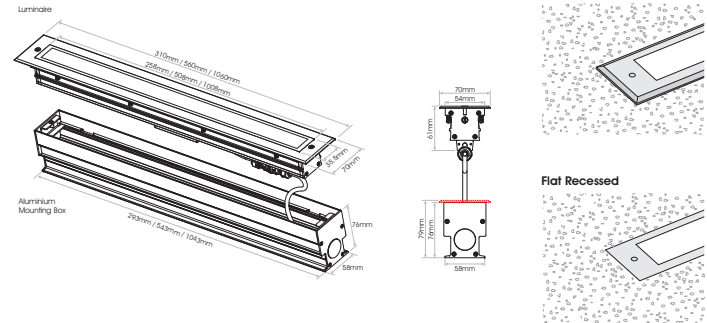
<b>Installation:</b>	In-ground
<b>LED light source:</b>	Diffused lighting / Nichia LED. Directional lighting / Samsung LED.
<b>Diffused:</b>	Front, Opal
<b>Directional Optics:</b>	Monochrome: 15°, 25°, 40°, 10°x30°, 15°x45° RGBW, TW: 12°, 25°, 15°x30°, 12°x50°
<b>Lengths:</b>	31cm/56cm/106cm
<b>No of LEDs (31/56/106cm):</b>	6/12/24 (directional version).
<b>Power Supply:</b>	From 24VDC up to 48VDC (depending on the model).
<b>Power for Diffused:</b>	31cm:10.5W, 56cm:21W, 106cm:42W
<b>Power for Directional:</b>	31cm:10W, 56cm:20W, 106cm:40W
<b>Ingress protection:</b>	IP68/IP67 (depending on the model)
<b>Operation Ambient temperature:</b>	-25°C to +50°C

#### Materials

<b>Main body:</b>	Powder coated natural anodized anticorrosion aluminium EN AW-6060.
<b>Protective cover:</b>	6mm tempered low-iron glass.
<b>Frame:</b>	316 L stainless steel.
<b>Finishes (End caps):</b>	Powder coated natural anodized anticorrosion aluminium EN AW-5052.
<b>Optics:</b>	PMMA collimating lens.
<b>Sealing O-rings:</b>	Buna-N Nitrile (NBR)
<b>Connectors:</b>	PA66 NYLON
<b>Printed circuit:</b>	Insulated metal substrate PCB.
<b>Power cords:</b>	15cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
<b>Screws:</b>	Stainless steel

#### Powder coating characteristics:

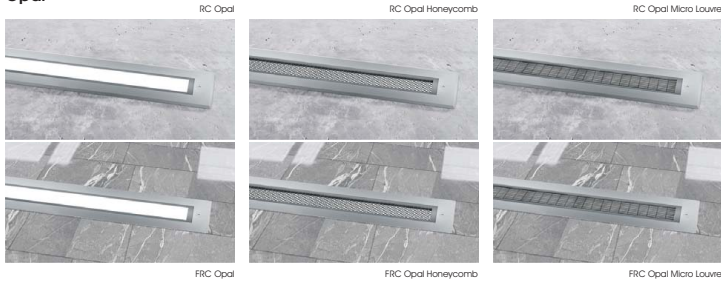
<b>Powder Coating:</b>	Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2 EN12206 (formerly BS6474), EN13438 (formerly BS6497:1984) and AAMA 2604.
<b>Exterior Durability:</b>	Meets outdoor class 2 requirements after 3 years Florida
<b>High Resistance to:</b>	Meets AAMA 2604-13 requirements after 5 years Florida Weather, UV, Water and mould growth.



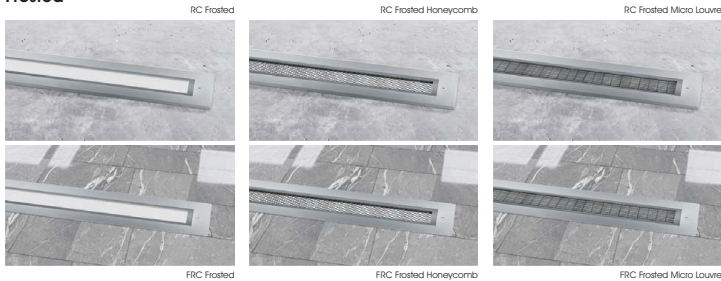
Clear



Opal



Frosted



Tilt adjustable model offers increased flexibility and versatility, the tilt angle can be altered from -15° to +15° degrees, allowing for a wide range of lighting applications. TERRAGON's adjustability ensures that the desired lighting effect can be achieved with ease.



Aluminum Mounting Box

- ACR.126 31cm
- ACR.127 56cm
- ACR.128 106cm

Accessories



- IP68 Socket Connector (Female)**
- 2-POLE **CNC.110**
  - 3-POLE **CNC.112**
  - 5-POLE **CNC.114**



- Extension Cable**
- 2-POLE **WR.118**
  - 3-POLE **WR.119**
  - 5-POLE **WR.120**



- IP68 Plug Connector (Male)**
- 2-POLE **CNC.111**
  - 3-POLE **CNC.113**
  - 5-POLE **CNC.115**



- CNC.106**  
IP68 Junction box 4way / 2-5pole



- CNC.109**  
IP68 Joint connector 2way / 2-5pole

## TERRAGON 40

Exterior Inground, Surface, Wall, Ballast

### Diffused Models



Model	CCT	CRI	Lead Source	Diffused Type	Wall / Length	Voltage	Extras
<b>42Wm</b>							
<b>TERRAGON 40 IP68 Diffused Recessed</b> <i>(TERRAGON 4058 DFF RC)</i>	2700K	80 (2780)	6130mm	Frost (FR)	10.5W / 31cm* (11W031)	24VDC (24)	None (0)
	3000K	80 (3080)	6320mm	Opal (OP)	21W / 56cm (21W056)		Honeycomb (1)
	4000K	80 (4080)	6500mm		42W / 106cm (42W106)		Micro Louve (2)
	5700K	80 (5780)	6690mm				
<b>TUNABLE WHITE</b>							
<b>TERRAGON 40 IP68 Diffused Flat Recessed</b> <i>(TERRAGON 4058 DFF FRC)</i>	TW (2700K+5700K)	80 (TW80)	40Wm 5160mm 2460+2340mm				
		90 (TW90)	4480mm 2155+2340mm				
<b>RGBW</b>							
<b>TERRAGON 40 IP68 Diffused Flat Recessed</b> <i>(TERRAGON 4058 DFF FRC)</i>	RGBW (2700K) (RED)	(RGBW27)	39Wm 1645mm 242mm				
	(GREEN)		592mm				
	(BLUE)		172mm				
	(WHITE)		580mm				
<b>TERRAGON 40 IP68 Diffused Flat Recessed</b> <i>(TERRAGON 4058 DFF FRC)</i>	RGBW (4000K) (RED)	(RGBW40)	1450mm 168mm				
	(GREEN)		418mm				
	(BLUE)		132mm				
	(WHITE)		678mm				

\* 31cm not available for RGBW models.

Ordering Code Example: TERRAGON 4058 DFF RC-3080-CP-42W106-24-1

### Standard Directional Models



Model	CCT	CRI	Lead Source	Beam Angle	Tilt Angle	Wall / Length	Voltage	Extras
<b>40Wm</b>								
<b>TERRAGON 40 IP67 Directional Recessed</b> <i>(TERRAGON 4057 DR RC)</i>	2700K	80 (2780)	3820mm	15° (15)	Adjustable	10W / 31cm (10W031)	24VDC	None (0)
	2700K	90 (2790)	2970mm	25° (25)	-15° + 15° (AD)	20W / 66cm (20W066)	(24)	Honeycomb (1)
	3000K	80 (3080)	3620mm	40° (40)		40W / 106cm (40W106)		Micro Louve (2)
	3000K	90 (3090)	3250mm	10°x30° (1030)				
<b>TERRAGON 40 IP67 Directional Flat Recessed</b> <i>(TERRAGON 4057 DR FRC)</i>	4000K	80 (4080)	4100mm	15°x45° (1545)				
	4000K	90 (4090)	3820mm					
	5700K	80 (5780)	4385mm					
<b>TUNABLE WHITE</b>								
<b>TERRAGON 40 IP68 Directional Recessed</b> <i>(TERRAGON 4058 DR RC)</i>	TW (2700K+5700K)	90 (TW90)	40Wm 2735mm 1325+1410mm	12° (12)				
				25° (25)				
				15°x30° (1530)				
<b>TERRAGON 40 IP68 Directional Flat Recessed</b> <i>(TERRAGON 4058 DR FRC)</i>				12°x50° (1250)				
	<b>RGBW</b>							
	RGBW (AMBER) (RED)	(RGBW1A)	40Wm 1835mm					
	RGBW (3000K) (GREEN)	(RGBW30)	2125mm					
<b>TERRAGON 40 IP68 Directional Flat Recessed</b> <i>(TERRAGON 4058 DR FRC)</i>	RGBW (4000K) (BLUE)	(RGBW40)	2230mm					
	(RED)		410mm	0° (0)				
	(GREEN)		732mm	2.5° (2.5)				
	(BLUE)		243mm	5° (5)				
<b>TERRAGON 40 IP68 Directional Flat Recessed</b> <i>(TERRAGON 4058 DR FRC)</i>	(AMBER)		415mm	7.5° (7.5)				
	(3000K)		705mm					
	(4000K)		810mm					

Ordering Code Example: TERRAGON 4057 DR FRC-4090-45-AD-42W106-24-0

Exterior Inground, Surface, Wall, Ballast

## TERRAGON 40

### High Efficiency Directional Models



Model	CCT	CRI	Lead Source	Beam Angle	Tilt Angle	Wall / Length	Voltage*	Extras
<b>40Wm</b>								
<b>TERRAGON 40 IP67 HE Directional Recessed</b> <i>(TERRAGON 4057 HE DR RC)</i>	2700K	80 (2780)	4765mm	15° (15)	Adjustable	10W / 31cm (10W031)	24~48VDC (24/48V)	None (0)
	2700K	90 (2790)	3710mm	25° (25)	-15° + 15° (AD)	20W / 56cm (20W056)	(24/48V)	Honeycomb (1)
	3000K	80 (3080)	4765mm	40° (40)		40W / 106cm (40W106)		Micro Louve (2)
	3000K	90 (3090)	4060mm	10°x30° (1030)				
<b>TERRAGON 40 IP67 HE Directional Flat Recessed</b> <i>(TERRAGON 4057 HE DR FRC)</i>	4000K	80 (4080)	5120mm	15°x45° (1545)				
	4000K	90 (4090)	4765mm					
	5700K	80 (5780)	5470mm					
<b>TUNABLE WHITE</b>								
<b>TERRAGON 40 IP68 HE Directional Recessed</b> <i>(TERRAGON 4058 HE DR RC)</i>	TW (2700K+5700K)	90 (TW90)	40Wm 3430mm 1630+1600mm	12° (12)				
				25° (25)				
				15°x30° (1530)				
<b>TERRAGON 40 IP68 HE Directional Flat Recessed</b> <i>(TERRAGON 4058 HE DR FRC)</i>				12°x50° (1250)				
	<b>RGBW</b>							
	RGBW (AMBER) (RED)	(RGBW1A)	40Wm 2395mm					
	RGBW (3000K) (GREEN)	(RGBW30)	2760mm					
<b>TERRAGON 40 IP68 HE Directional Flat Recessed</b> <i>(TERRAGON 4058 HE DR FRC)</i>	RGBW (4000K) (BLUE)	(RGBW40)	2895mm					
	(RED)		530mm	0° (0)				
	(GREEN)		1010mm	2.5° (2.5)				
	(BLUE)		320mm	5° (5)				
<b>TERRAGON 40 IP68 HE Directional Flat Recessed</b> <i>(TERRAGON 4058 HE DR FRC)</i>	(AMBER)		535mm	7.5° (7.5)				
	(3000K)		903mm					
	(4000K)		1035mm					

\* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: TERRAGON 4058 HE DR FRC-TW80-25-5-42W106-24/48V-0

### High Efficiency Constant Power Operation Models



Model*	CCT	CRI	Lead Source	Beam Angle	Tilt Angle	Wall / Length	Voltage**	Extras
<b>40Wm</b>								
<b>TERRAGON 40 IP67 HE CP Directional Recessed</b> <i>(TERRAGON 4057 HECP DR RC)</i>	<b>TUNABLE WHITE</b>			12° (12)	Adjustable	10W / 31cm (10W031)	24~48VDC (24/48V)	None (0)
	TW (2700K+5700K)	90 (TW90)	40Wm 3455mm 3165mm 3740mm	25° (25)	-15° + 15° (AD)	20W / 56cm (20W056)	(24/48V)	Honeycomb (1)
				15°x30° (1530)		40W / 106cm (40W106)		Micro Louve (2)
				12°x50° (1250)				
<b>TERRAGON 40 IP67 HE CP Directional Flat Recessed</b> <i>(TERRAGON 4057 HECP DR FRC)</i>	<b>RGBW</b>							
	RGBW (3000K) (RED)	(RGBW30)	40Wm 2020mm					
	(GREEN)		1775mm					
	(BLUE)		2880mm					
<b>TERRAGON 40 IP68 HE CP Directional Recessed</b> <i>(TERRAGON 4058 HECP DR RC)</i>	(WHITE)		910mm	0° (0)				
			2500mm	2.5° (2.5)				
				5° (5)				
				7.5° (7.5)				

\* High Efficiency Constant Power models can only be driven with Electron constant power drivers.

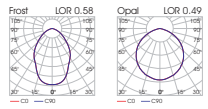
\*\* Input Voltage from 24VDC up to 48VDC

Ordering Code Example: TERRAGON 4057 HECP DR RC-RGBW40-1250-AD-42W106-24/48V-2

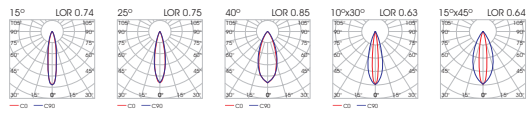
TERRAGON 40

Exterior Inground, Surface, Wall, Bollard 

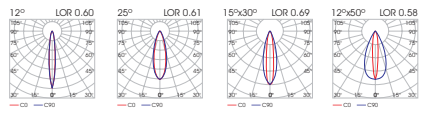
Monochromatic  
Diffused Models



Monochromatic  
Standard Directional Models  
High Efficiency Directional Models



RGBW, TW  
Standard Directional Models  
High Efficiency Directional Models  
High Efficiency Constant Power Operation Models



# TERANO 40 IP68

Exterior Inground, Surface, Wall, Bollard

TERANO 40 is the new addition of Terano series. Crafted with top-quality PU (Polyurethane) materials, guaranteeing exceptional durability and weather resistant, and also seamlessly blends into every surrounding, adding a touch of modern elegance into any space.

- TERANO 40 offers excellent uniformity and color consistency.
- Antiglare control with honeycomb and micro-lens, optional for all models.
- Supplied with input cable & IP68 connector as standard.
- Possibility for in-out cables & connectors upon request [as extra] (25cm models available only with input cable connectors).
- Walk Over: Up to 500kg (5kN)
- Maximum Static Load: Up to 2000kg (20kN).
- Ingress Protection: IP68
- IK Rate: IK10
- Cost effective models at 24VDC
- High efficient models from 24VDC up to 48VDC



### Constant Power for RGBW & TW models:

- Up to 400% more color intensity (per color) compared to conventional directional models.
- Lighting power remains constant regardless of the selected color combination.

**L90/B10 > 50.000h**  
for Monochromatic models

**L70/B10 > 50.000h**  
for RGBW models

Exterior Inground, Surface, Wall, Bollard

# TERANO 40 IP68

Lighting management options:  
On-Off/DALI 0...10V/1...10V/DMX512/PHASE CUT/RR/RF/PUSH BUTTON/Bluetooth

### Technical features

Installation:	In-ground
LED light source:	Diffused lighting / Nichia LED, Directional lighting / Samsung LED.
Optics:	Monochrome: 18°/25°/45°/15°x30°/18°x40° RGBW, TW: 12°, 30°, 15°x30°, 12°x45° RGBW, TW: 50cm, 100cm, 150cm, 200cm
Lengths:	25cm, 50cm, 100cm, 150cm, 200cm
No of LEDs (25/50/100/150/200cm):	6/12/24/36/48
Power Supply:	From 24VDC up to 48VDC (depending on the model)
Power:	25cm:10W, 50cm:20W, 100cm:40W, 150cm:60W, 200cm:80W
Ingress protection:	IP68
Operation Ambient temperature:	-25°C...+50°C

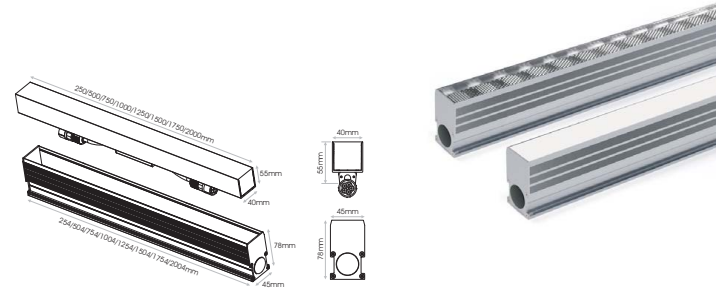
### Materials

Main Body:	Natural Anodized anti-corrosion aluminium, EN AW-6060 T66
Finishes (End caps):	Anodized anticorrosion aluminium EN-AW-5052.
Optics:	PMMA collimating lens.
Connectors:	PA66 NYLON
Printed Circuit:	Insulated metal substrate PCB
Power Cords:	Suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.
Screws:	Stainless Steel

### PU (Polyurethane) material:

Ti- component polyurethane, transparent or translucent for homogeneous light dispersion.

Fully compliance with:	REACH, RoHS and EU European Directives, EC – Directives 89/109 Contact with Food.
Resistance to:	Outdoor – Chemicals – Short term water immersion – Hot water, Thermal Shock – Heat – Abrasion
In accordance to:	Florida test, Arizona test, Xenotest, GUV-A test, ACID Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279



### Aluminium Mounting Box

ACR.129	25cm
ACR.130	50cm
ACR.131	75cm
ACR.132	100cm
ACR.133	125cm
ACR.134	150cm
ACR.135	175cm
ACR.136	200cm



Diffused Models



Model	CCT	CRI	Lead Source	Diffused Type	Watt / Length*	Voltage	Extras				
<b>42Wm</b>											
<b>TERANO 40 IP68 Diffused</b> <i>(TERANO 4058 DFF)</i>	2700K	80 (2780)	6130lm	Opal (CP)	10.5W / 25cm (11W025)	24VDC (24)	None (0)				
	3000K	80 (3080)	6320lm		21W / 50cm (21W050)		Honeycomb (1)				
	4000K	80 (4080)	6500lm		42W / 100cm (42W100)		Microlouvre (2)				
	5700K	80 (5780)	6690lm		63W / 150cm (63W150) 84W / 200cm (84W200)						
<b>TUNABLE WHITE</b>											
TW	80 (TW80)	5160lm 2490 + 2685lm	40Wm	Opal (CP)							
	90 (TW90)							4480lm 2190 + 2343lm			
<b>RGBW</b>											
RGBW (2700K)	(RGBW27)		39Wm								
	(RED)	1645lm									
	(GREEN)	242m									
	(BLUE)	920m									
(WHITE)	172m										
(WHITE)	582m										
RGBW (4000K)	(RGBW40)		1450lm								
	(RED)	166m									
	(GREEN)	416m									
	(BLUE)	132m									
(WHITE)	678m										

\* 25cm not available for RGBW models.

Ordering Code Example: TERANO 4058 DFF-3080-CP-42W100-24-1

Standard Directional Models



Model	CCT	CRI	Lead Source	Beam Angle	Watt / Length	Voltage	Extras
<b>40Wm</b>							
<b>TERANO 40 IP68 Directional</b> <i>(TERANO 4058 DR)</i>	2700K	80 (2780)	3820lm	18° (18)	10W / 25cm (10W025)	24VDC (24)	Honeycomb* (1)
	2700K	90 (2790)	2970lm	25° (25)	20W / 50cm (20W050)		Microlouvre (2)
	3000K	80 (3080)	3820lm	45° (45)	40W / 100cm (40W100)		
	3000K	90 (3090)	3250lm	15°x30° (1530)	60W / 150cm (60W150)		
	5700K	80 (5780)	4385lm	18°x40° (1840)	80W / 200cm (80W200)		
<b>TUNABLE WHITE</b>							
TW	90 (TW90)	2735lm 1325 + 1410lm	40Wm				
	12° (12)						
30° (30)							
15°x30° (1530)							
12°x45° (1245)							
<b>RGBW</b>							
RGBW (AMBER)	(RGBW/A)		40Wm				
	(RED)	1835lm					
	(GREEN)	2125lm					
	(BLUE)	2230lm					
(WHITE)	410m						
(RED)	710m						
(GREEN)	240m						
(BLUE)	415m						
(AMBER)	785m						
(3000K)	810m						
(4000K)	810m						

\* Honeycomb not available with 18°, 25° & 12° [TW].

Ordering Code Example: TERANO 4058 DR-4090-45-40W100-24-1

High Efficiency Directional Models



Model	CCT	CRI	Lead Source	Beam Angle	Watt / Length	Voltage*	Extras
<b>40Wm</b>							
<b>TERANO 40 IP68 HE Directional Recessed</b> <i>(TERANO 4058 HEDR)</i>	2700K	80 (2780)	4765lm	18° (18)	10W / 25cm (10W025)	24-48VDC (24-48V)	Honeycomb** (1)
	2700K	90 (2790)	3710lm	25° (25)	20W / 50cm (20W050)		Microlouvre (2)
	3000K	80 (3080)	4765lm	45° (45)	40W / 100cm (40W100)		
	3000K	90 (3090)	4060lm	15°x30° (1530)	60W / 150cm (60W150)		
	4000K	80 (4080)	5120lm	18°x40° (1840)	80W / 200cm (80W200)		
	4000K	90 (4090)	4765lm	5470lm			
<b>TUNABLE WHITE</b>							
TW	90 (TW90)	3430lm 1630 + 1800lm	40Wm				
	12° (12)						
30° (30)							
15°x30° (1530)							
12°x45° (1245)							
<b>RGBW</b>							
RGBW (AMBER)	(RGBW/A)		40Wm				
	(RED)	2959lm					
	(GREEN)	2740lm					
	(BLUE)	2895lm					
(WHITE)	530m						
(RED)	1010m						
(GREEN)	320m						
(BLUE)	530m						
(AMBER)	900m						
(3000K)	1035m						
(4000K)	1035m						

\* Input Voltage from 24VDC up to 48VDC

\*\* Honeycomb not available with 18°, 25° & 12° [TW].

Ordering Code Example: TERANO 4058 HEDR-TW90-25-40W100-24-48V-1

High Efficiency Constant Power Operation Models



Model*	CCT	CRI	Lead Source	Beam Angle	Watt / Length	Voltage**	Extras				
<b>40Wm</b>											
<b>TERANO 40 IP68 HE CP Directional</b> <i>(TERANO 4058 HECPRDR)</i>	<b>TUNABLE WHITE</b>		40Wm	12° (12)	10W / 25cm (10W025)	24-48VDC (24-48V)	Honeycomb*** (1)				
	TW	90 (TW90)						3455lm	30° (30)	20W / 50cm (20W050)	Microlouvre (2)
								3165m	15°x30° (1530)	40W / 100cm (40W100)	
	(2700K)							3740m	12°x45° (1245)	60W / 150cm (60W150)	
	(5700K)									80W / 200cm (80W200)	
<b>RGBW</b>											
RGBW (3000K)	(RGBW/30)		40Wm								
	(RED)	2020lm									
	(GREEN)	1775m									
	(BLUE)	2880m									
(WHITE)	910m										
(RED)	2600m										

\* High Efficiency Constant Power models can only be driven with Electron constant power drivers.

\*\* Input Voltage from 24VDC up to 48VDC

\*\*\* Honeycomb not available with 12°.

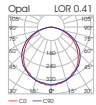
Ordering Code Example: TERANO 4058 HECPRDR-RGBW30-1250-60W150-24-48V-1



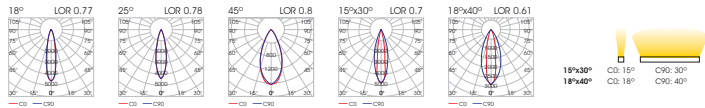
## TERANO 40 IP68

Exterior Inground, Surface, Wall, Bollard 

### Monochromatic Diffused Models

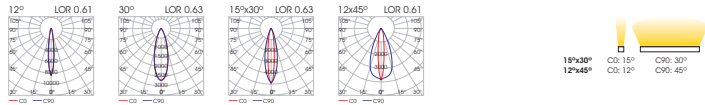


### Monochromatic Standard Directional Models High Efficiency Directional Models



### RGBW, TW

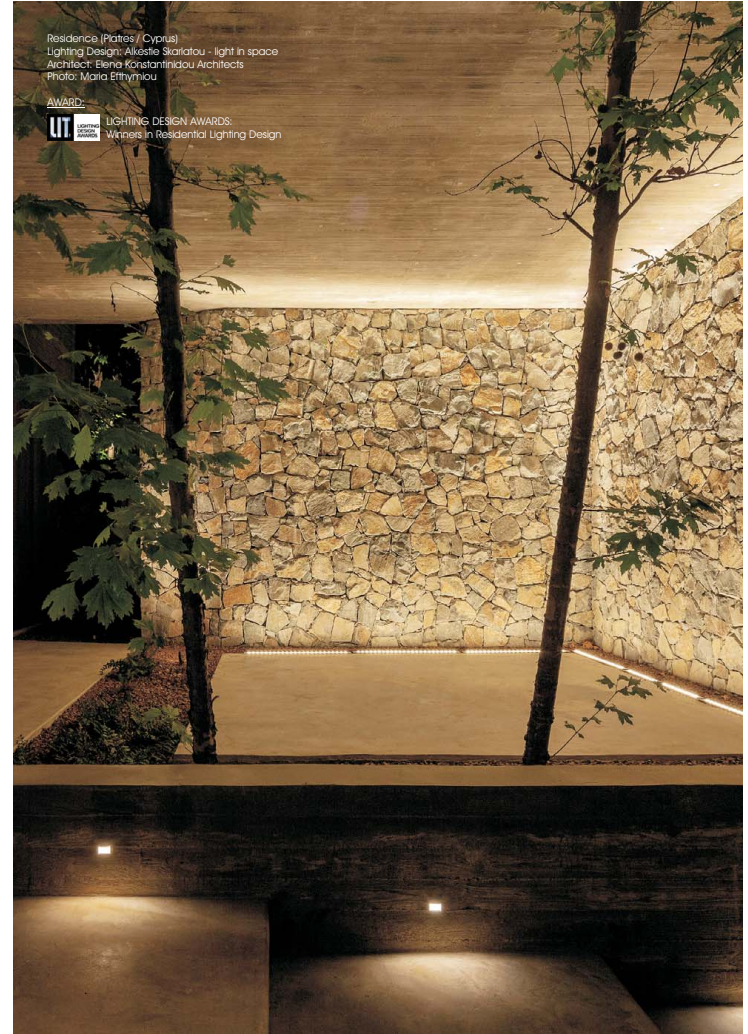
### Standard Directional Models High Efficiency Directional Models High Efficiency Constant Power Operation Models



### Accessories

-  **IP68 Socket Connector (Female)**  
2-POLE **CNC.110**  
3-POLE **CNC.112**  
5-POLE **CNC.114**
-  **IP68 Plug Connector (Male)**  
2-POLE **CNC.111**  
3-POLE **CNC.113**  
5-POLE **CNC.115**
-  **CNC.106**  
IP68 Junction box 4way / 2-Spole
-  **CNC.109**  
IP68 Joint connector 2way / 2-Spole
-  **PRH.108**  
Alignment kit for anodized model

-  **PRH.124**  
Disassembly kit. Use to take the fixture out of the mounting box.
-  **Extension Cable**  
2-POLE **WIR.118**  
3-POLE **WIR.119**  
5-POLE **WIR.120**
-  **Input & Output cables**  
Input cable with IP connectors  
(as standard)
-  **Input & Output cable with IP connectors**  
(as extra)



Residence (Pitres / Cyprus)  
Lighting Design: Alkestis Skarlatou - light in space  
Architect: Elena Konstantinidou Architects  
Photo: Maria Efthymiou

AWARD:  
 LIGHTING DESIGN AWARDS:  
Winners in Residential Lighting Design

# TERANO 25 IP68

Exterior Inground, Surface, Wall, Bollard

TERANO 25 IP68 is a custom made linear inground luminaire of TERANO series. Crafted with top-quality PU (Polyurethane) materials, guaranteeing exceptional durability and weather resistant seamlessly blends into every surrounding, adding a touch of modern elegance into any space.

- TERANO offers excellent uniformity with colour consistency.
- It is available Opal/Clear with LED strips (Samsung LEDs) or with LED modules (CREE LEDs) with different lenses available.
- TERANO with LED modules are offered with honeycomb to ensure visual comfort.
- Housing material: Stainless steel 316 or anodized aluminium.
- Supplied with in-out IP68 cable & connector as standard (25cm models have only input cable connectors).
- Walk Cover: Up to 500kg (5kN).
- Maximum Static Load: Up to 2000kg (20kN) for Opal & Clear models with Honeycomb.
- Ingress Protection: IP68
- IK Rate: IK10

**L80/B10 > 50.000h**  
for models with Samsung LED strips monochromatic, TW

**L90/B10 > 50.000h**  
for models with CREE LED modules

**L70/B10 > 50.000h**  
for RGBW models



Exterior Inground, Surface, Wall, Bollard

# TERANO 25 IP68

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

### Technical features

Installation: In-ground  
LED light source: Diffused lighting / Samsung LED.  
Directional lighting / CREE LED.  
Optics: Monochrome: 2.5°, 5°, 15°, 25°, 35°, 15°x40°  
25cm, 50cm, 75cm, 100cm, 125cm, 150cm, 175cm, 200cm  
Lengths: 25cm, 50cm, 75cm, 100cm, 125cm, 150cm, 175cm, 200cm  
No of LEDs (25/50/100/150/200cm): 6/12/24/36/48 (directional)  
Power Supply: 24VDC  
Power: Different depending on the model.  
Ingress protection: IP68  
Operation Ambient temperature: -25°C...+50°C

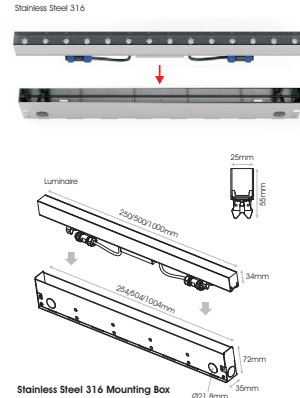
### Materials

Main Body: Natural Anodized anti-corrosal aluminium, EN AW-6060 T66  
Finishes (End caps): Anodized anticorrosal aluminium EN AW-5052.  
Optics: PMMA collimating lens.  
Connectors: PA66 NYLON  
Printed Circuit: Insulated metal substrate PCB  
Power Cords: 15cm, suitable for outdoor use, halogen-free good chemical resistance, cold resistant, UV-resistant, temperature range for fixed installation -50°C to +80°C.  
Screws: Stainless Steel

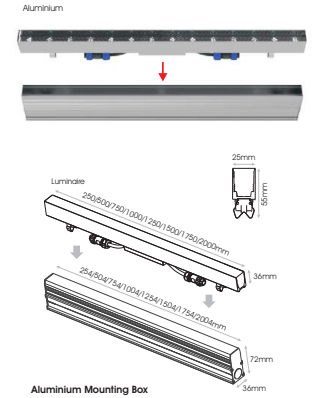
### PU (Polyurethane) material:

Tri- component polyurethane, transparent or translucent for homogeneous light dispersion.

Full compliance with: REACH, RoHS and ELV European Directives. EC – Directives 89/109 Contact with Food.  
Resistance to: Outdoor – Chemicals – Short term water immersion – Hot water, Thermal Shock – Heat – Abrasion  
In accordance to: Florida test, Arizona test, Xenotest, QUV-A test, Acid Rain test ASTM G87, TABER test ASTM D1044, CROCKMETER test ASTM D6279



**Stainless Steel 316 Mounting Box**  
ACR.123 25cm  
ACR.124 50cm  
ACR.125 100cm



**Aluminium Mounting Box**  
ACR.115 25cm  
ACR.116 50cm  
ACR.117 75cm  
ACR.118 100cm  
ACR.119 125cm  
ACR.120 150cm  
ACR.121 175cm  
ACR.122 200cm

# TERANO 25 IP68

Exterior Inground, Surface, Wall, Boltard

**CREE**  
LEDs  
for 15°/25°/35°/15°x40°

LIGHTSOURCE BY  
**SAMSUNG**  
OptiClear  
for Monochromatic & TW

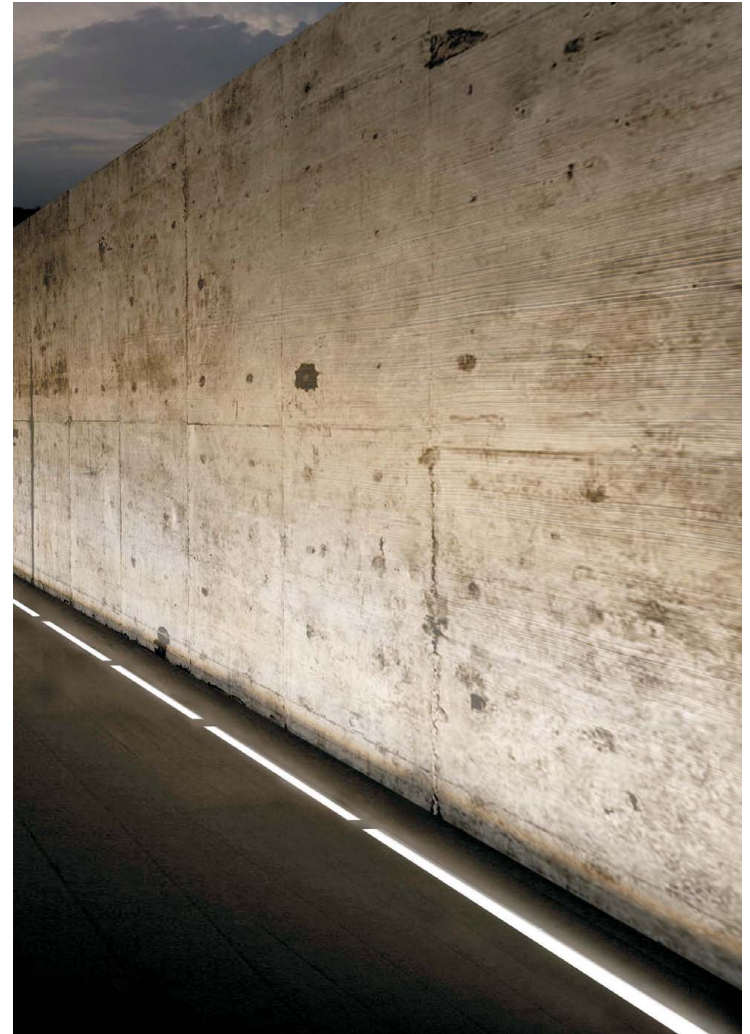
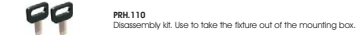
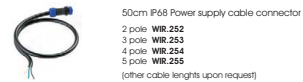
IP68

Model	Luminaire Type	CCT	CRI	19Wlm Samsung Led Source	24Wlm Cree Led Source	Type / Beam angle	Watt* / Length**	Voltage	Extras	
<b>TERANO 25 IP68</b> <small>(TERANO 25 68)</small>	Stainless Steel 316	2700K	80	1840lm	2530lm	With LED strip (Samsung LEDs)		24VDC	None	
	Anodized (AN)	2700K	90	1554lm	2220lm	Opal	3.8W / 25cm 7.5W / 50cm 11.3W / 75cm** 15W / 100cm 18.8W / 125cm** 22.5W / 150cm** 26.3W / 175cm** 30W / 200cm**	(04W025) (08W050) (11W075) (15W100) (20W125) (23W150) (26W175) (30W200)	Honeycomb (1) Microlouve (2)	
		3000K	80	1880lm	2690lm					
	4000K	80	2000lm	2840lm						
		90	1670lm	2530lm						
	5700K	80	2045lm	2985lm						
		90	1710lm	2530lm						
							With LED modules (CREE LEDs) & Honeycomb			
							Beam Angle	6W / 25cm 12W / 50cm 18W / 75cm** 24W / 100cm 30W / 125cm** 36W / 150cm** 42W / 175cm** 48W / 200cm**	(06W025) (12W050) (18W075) (24W100) (30W125) (36W150) (42W175) (48W200)	Honeycomb*** (1) Microlouve (2)
							Beam Tilt	No tilt 2.5° 5°	(0°0) (0°1) (0°2)	
	<b>TUNABLE WHITE</b>						20Wlm Samsung	With LED strip (Samsung LEDs)		
	TW (WW-CW)	80	2580lm				Opal	20W / 100cm	(20W100)	
90		2240lm								
<b>RGBW</b>						19.5Wlm	With LED strip			
RGBW (RGW)		880lm				Opal	19.5W / 100cm	(19W100)		

\* Different power consumptions are available upon request.  
\*\* 75,125,150,175,200cm are available only for anodized model.  
\*\*\* Honeycomb not available with 15° & 25°.

Ordering Code Example: TERANO 25 68-AN-4080-251-24W100-24-2

## Accessories



# GRAVITO XL 13

Exterior Inground, Surface, Wall, Bollard

- Inground spot with honeycomb accessory
- Front plate: Stainless steel 316L
- Housing: Die-cast powder coated aluminum
- Mounting base: ABS 016
- Glass: Tempered glass, T=8mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: H07RN-F 2x1.0mm<sup>2</sup> L=0.5m
- IK Rate: 07
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 6
- Power Consumption: 12 Watt
- Maximum load: 2000kgs



LIGHTSOURCE BY  
**OSRAM** IP67

Model	CCT	Luminance lumen	Type	CRI	Beam Angle	Voltage	Accessories
<b>GRAVITO XL ROUND 13.5W</b> <small>(GRAVITO XL RD 13)</small>	3000K (30C)	783lm	Fixed (FX)	>80 (80)	9° (09)	24VDC PWM Dimmable (24)	COVER Standard Honeycomb (H)
	4000K (40C)	870lm			15° (15)		
<b>GRAVITO XL SQUARE 13.5W</b> <small>(GRAVITO XL SD 13)</small>					20° (20)		EXTRAS No Extras (E)
					30° (30)		
					45° (45)		

Ordering Code Example: GRAVITO XL RD13-300-FX80-45-24-10



Exterior Inground, Surface, Wall, Bollard

- DOKOS Inground LED luminaire.
- Front plate: Stainless Steel.
- 1800kg maximum weight.
- Osram LED
- IK rate: 09
- Dimmable



LIGHTSOURCE BY  
**OSRAM** IP67

Code	Model*	No.LED	CCT	Watt	Lumens	Lumen Efficacy	Diameter	Voltage	Beam Angle	IP Rate
<b>LGR.086</b>	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	20°	IP67
			3000K	6W	375lm	63lm/W	116mm	24VDC	20°	
<b>LGR.106</b>	DOKOS ROUND	3	5600K	6W	475lm	79lm/W	116mm	24VDC	35°x45°	IP67
<b>LGR.105</b>	DOKOS ROUND	3	3000K	6W	375lm	63lm/W	116mm	24VDC	35°x45°	IP67

\* Available in square upon request



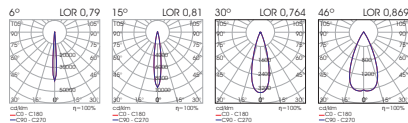
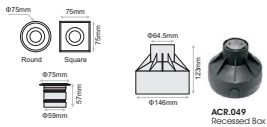
- Gretto is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminum.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable H05RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR < 19 (6°, 15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Shape	Type	Dimming Option*	Accessories
80 (80) 90 (90)									
<b>GRETTO</b> (GREY/IT)	<b>6.5W</b> (7)	2700K (27C)	713mm	570mm	15° (15)	Round (R)	Fixed (F)	Without Driver (0)	<b>COVER</b> Standard (0) (1) Honeycomb (1) (1) Softening lens (2) (1) Line spread lens (3) (1) ↑ (XX) <b>EXTRAS</b> No Extras (1) (0) Emergency Kit (1) (1)
		3000K (30C)	713mm	615mm	30° (30)	Square (S)		24V/48DC Non Dimmable (24/48ND)	
		4000K (40C)	765mm	650mm	46° (46)			24VDC PWM Dimmable (24DM)	
		5000K (50C)	713mm	713mm				48VDC PWM Dimmable (48DM)	
		6500K (65C)	765mm	-				230VAC Non Dimmable (230ND) 230V Phase Cut (230PC)	
<b>4.1W</b> (4)		2700K (27C)	440mm	355mm	6° (06)			Without Driver (0)	<b>COVER</b> Standard (0) (0) Honeycomb (1) (1) Softening lens (2) (1) Line spread lens (3) (1) ↑ (XX) <b>EXTRAS</b> No Extras (1) (0) Emergency Kit (1) (1)
		3000K (30C)	440mm	380mm				230VAC Non Dimmable (230ND)	
		4000K (40C)	475mm	410mm				24V/48DC Non Dimmable (24/48ND)	
		5000K (50C)	410mm	440mm				24VDC PWM Dimmable (24DM)	
								48VDC PWM Dimmable (48DM)	

\* With external IP68 casing box Dai, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO 7-30C-90-46-RD-FX-00-10



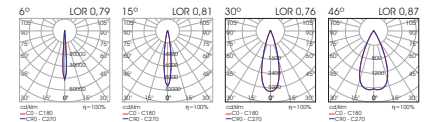
- Gretto is an outdoor luminaire available in trimless round version.
- Body material: aluminum
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Safety glass: 6mm
- Power cable H05RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR < 19 (6°, 15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Dimming Option	Accessories	
80 (80) 90 (90)									
<b>GRETTO Trimless</b> (GREY/IT)	<b>6.5W</b> (7)	2700K (27C)	713mm	570mm	15° (15)	Fixed (F)	Without Driver (0)	<b>COVER</b> Standard (0) (0) Honeycomb (1) (1) Softening lens (2) (1) Line spread lens (3) (1) ↑ (XX) <b>EXTRAS</b> No Extras (1) (0) Emergency Kit (1) (1)	
		3000K (30C)	713mm	615mm	30° (30)		24VDC PWM Dimmable (24DM)		
4000K (40C)		765mm	650mm	46° (46)		48VDC PWM Dimmable (48DM)			
5000K (50C)		765mm	713mm						
6500K (65C)		765mm	-						
<b>4.1W</b> (4)		2700K (27C)	440mm	355mm	6° (06)		Without Driver (0)	<b>EXTRAS</b> No Extras (1) (0) Emergency Kit (1) (1)	
		3000K (30C)	440mm	380mm			24VDC PWM Dimmable (24DM)		
		4000K (40C)	475mm	410mm			48VDC PWM Dimmable (48DM)		
		5000K (50C)	410mm	440mm					

\* With external IP68 casing box Dai, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO TR-7-30C-90-46-FX-00-10





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece. info@electron.gr, www.electron.gr



Residence (Pafos / Cyprus)  
Lighting Design: Alkistie Skaliatou - light in space  
Architect: Elena Konstantinidou Architects  
Photo: Maria Etthymiou

AWARD:



LIGHTING DESIGN AWARDS:  
Winners in Residential Lighting Design

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece. info@electron.gr, www.electron.gr

# GRETTO WASH

Exterior Inground, Surface, Wall, Bollard

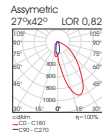
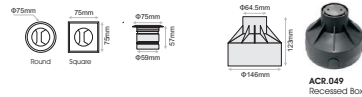
- Gretto Wash is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic; luminaire installed with no visible screws.
- Body material: aluminum.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Shape	Type	Dimming Option*	Extras
<b>GRETTO WASH</b> <small>(GRETTO W)</small>	<b>4.1W</b> (4)	2700K (27C)	440lm	355lm	Asymmetric (AS)	Round (RD)	Fixed	Without Driver (00)	No Extras (0)
		3000K (30C)	440lm	380lm	27°x42°	Square (SQ)	(FX)	230VAC Non Dimmable (230ND)	Emergency Kit (1)
		4000K (40C)	475lm	410lm	24V/48DC Non Dimmable (2448ND)				
		5000K (50C)	410lm	440lm	24VDC PWM Dimmable (24DM)				
					48VDC PWM Dimmable (48DM)				

\* With external IP68 casing box Dalí, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO W4-30C-90-AS-RD-FX-00-0



# GRETTO TR WASH

Exterior Inground, Surface, Wall, Bollard

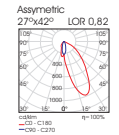
- Gretto Wash is an outdoor luminaire available in trimless round version.
- Body material: aluminum
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HO5RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR<1.9 (Asymmetric 27°x42°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Dimming Option*	Extras
<b>GRETTO Trimless WASH</b> <small>(GRETTO TR W)</small>	<b>4.1W</b> (4)	2700K (27C)	440lm	355lm	Asymmetric (AS)	Fixed (FX)	Without Driver (00)	No Extras (0)
		3000K (30C)	440lm	380lm	27°x42°		24VDC PWM Dimmable (24DM)	Emergency Kit (1)
		4000K (40C)	475lm	410lm	24V/48DC Non Dimmable (2448ND)			
		5000K (50C)	410lm	440lm	24VDC PWM Dimmable (24DM)			
					48VDC PWM Dimmable (48DM)			

\* With external IP68 casing box Dalí, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO TR W4-30C-90-AS-RD-FX-00-0



# GRETTO DF (Diffused)

Exterior Inground, Surface, Wall, Bollard

- Gretto Diffused is an outdoor inground luminaire available either round or square.
- It has minimal aesthetic: luminaire installed with no visible screws.
- Body material: aluminium.
- Frame: stainless steel, AISI 316.
- Mounting box: plastic frame casing
- Safety glass: 6mm
- Power cable HOSRN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Static load resistance: 2000 kgs
- Ingress Protection: IP67
- IK Rate: IK07

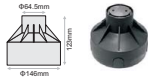
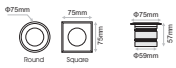


LIGHTSOURCE BY  
bridgelux. IP67

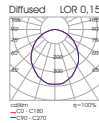
Model	LED Power	CCT	CR80 LED Source	Beam Angle	Shape	Type	Dimming Option*	Extras	
<b>GRETTO Diffused</b> (GRETTO DF)	<b>2.1W</b> (2)	2700K (27B) 3000K (30B) 4000K (40B)	80 (80)	261mm 271mm 284mm	Diffused (DF)	Round (RD) Square (SQ)	Fixed (FX)	Without Driver (00)	No Extras (0)
								230VAC Non Dimmable (230ND)	Emergency Kit (1)
								24V/48DC Non Dimmable (2448ND)	
								24VDC PWM Dimmable (24DM)	
								48VDC PWM Dimmable (48DM)	

\* With external IP68 casing box Dall, Phase cut, 1-10V dimming also possible.

Ordering Code Example: GRETTO DF2-30B-80-DF-SQ-FX-00-0



**ACR.049**  
Recessed Box



Exterior Inground, Surface, Wall, Bollard

# GRETTO TR DF (Trimless Diffused)

- Gretto Diffused is an outdoor luminaire available in trimless round version.
- Body material: aluminium.
- Trimless box: Aluminium dark grey colour or Stainless Steel 316 (ordered as extra).
- Safety glass: 6mm
- Power cable HOSRN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Optics available: lenses
- Static load resistance: 2000 kgs
- UGR < 19 (Diffused)
- Ingress Protection: IP67
- IK Rate: IK07

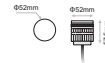


LIGHTSOURCE BY  
bridgelux. IP67

Model	LED Power	CCT	CR80 LED Source	Beam Angle	Type	Dimming Option*	Extras	
<b>GRETTO Trimless Diffused</b> (GRETTO TR DF)	<b>2.1W</b> (2)	2700K (27B) 3000K (30B) 4000K (40B)	80 (80)	261mm 271mm 286mm	Diffused (DF)	Fixed (FX)	Without Driver (00)	No Extras (0)
							24VDC PWM Dimmable (24DM)	Emergency Kit (1)
							48VDC PWM Dimmable (48DM)	

\* With external IP68 casing box Dall, Phase cut, 1-10V dimming also possible.

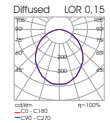
Ordering Code Example: GRETTO TR DF2-30B-80-DF-FX-00-0



**ACR.055**  
Trimless Box Aluminium



**ACR.080**  
Trimless Box Stainless Steel 316





# OSCAR

Exterior Inground, Surface, Wall, Bollard

- Oscar is an outdoor family of Inground luminaires available in either round or square version.
- Available in two sizes  $\Phi 55$  and  $\Phi 25$ mm.
- It has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: HD5RN-F 2x0.75mm L=30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

OSCAR



OSCAR MINI



Exterior Inground, Surface, Wall, Bollard

# OSCAR

## OSCAR

CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Beam Angle	Colour	Dimming Option*
			80 (80)	90 (90)			
<b>OSCAR 2.5W</b> <i>(OSCAR 3)</i>	Round (RD)	2700K (27)	275m	245m	17° (17)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
	Square (SQ)	3000K (30)	295m	260m	35° (35)	Brass (BR)	
		4000K (40)	315m	280m	60° (60)		
		5000K (50)	330m	295m			

\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR 3-RD-30-80-35-SS-24

## OSCAR MINI

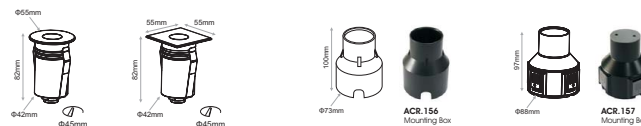
CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Beam Angle	Colour	Dimming Option*
			80 (80)	90 (90)			
<b>OSCAR MINI 1W</b> <i>(OSCAR MINI 1)</i>	Round (RD)	2700K (27)	120m	105m	17° (17)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
	Square (SQ)	3000K (30)	125m	110m	25° (25)	Brass (BR)	
		4000K (40)	135m	120m	35° (35)		
		5000K (50)	140m	125m			

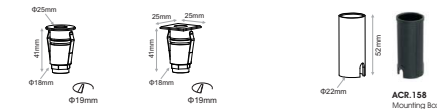
\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR MINI 1-RD-30-80-35-SS-24

## OSCAR



## OSCAR MINI



# OSCAR D

Exterior Inground, Surface, Wall, Bollard

- Oscar D round Inground luminaire is ideal for a soft floor wash in pathways.
- Available in two sizes  $\Phi 55$  and  $\Phi 25$ mm.
- It has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: HD5RN-F 2x0.75mm L= 30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 > 50.000h

OSCAR D



OSCAR MINI D



Exterior Inground, Surface, Wall, Bollard

# OSCAR D

## OSCAR D

CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Beam Angle	Colour	Dimming Option*
<b>OSCAR D 2.5W</b> <i>(OSCAR D3)</i>	Round (RD)	2700K (27)	80 (80)	90 (90)	20° (20)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	275m	245m	35° (35)	Brass (BR)	
		4000K (40)	315m	280m	60° (60)		
		5000K (50)	330m	295m			

\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR D3-RD-30-80-35-SS-24

## OSCAR MINI D

CREE LEDs IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Beam Angle	Colour	Dimming Option*
<b>OSCAR MINI D 1W</b> <i>(OSCAR MINI D1)</i>	Round (RD)	2700K (27)	80 (80)	90 (90)	17° (17)	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	120m	105m	25° (25)	Brass (BR)	
		4000K (40)	135m	120m	35° (35)		
		5000K (50)	140m	125m			

\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR MINI D1-RD-30-80-35-SS-24

OSCAR D



OSCAR MINI D



# OSCAR W

Exterior Inground, Surface, Wall, Bollard

- Oscar W round inground luminaires offer four different ways of emitted light.
- Available in two sizes  $\Phi 55$  and  $\Phi 25$ mm.
- Oscar W has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: HD5RN-F 2x0.75mm L=30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 >50.000h

OSCAR W



OSCAR MINI W



Exterior Inground, Surface, Wall, Bollard

# OSCAR W

CREE LEDs

IP67

## OSCAR W

Model	Type	CCT	CRI80, CRI90 LED Source		Colour	Dimming Option*
			80 (80)	90 (90)		
<b>OSCAR 1WAY 2.5W</b> <i>(OSCAR 1W3)</i>	Round (RD)	2700K (27)	275lm	245lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	295lm	260lm	Brass (BR)	
		4000K (40)	315lm	280lm		
<b>OSCAR 2WAY 2.5W</b> <i>(OSCAR 2W3)</i>		5000K (50)	330lm	295lm		
<b>OSCAR 3WAY 2.5W</b> <i>(OSCAR 3W3)</i>						
<b>OSCAR 4WAY 2.5W</b> <i>(OSCAR 4W3)</i>						

\*Maximum parallel connection up to 15pcs per PWM dimmer.  
Ordering Code Example: OSCAR 3W3-RD-30-80-SS-24

## OSCAR MINI W

CREE LEDs

IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Colour	Dimming Option*
			80 (80)	90 (90)		
<b>OSCAR MINI 1WAY 1W</b> <i>(OSCAR MINI 1WAY 1)</i>	Round (RD)	2700K (27)	120lm	105lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	125lm	110lm	Brass (BR)	
		4000K (40)	135lm	120lm		
<b>OSCAR MINI 2WAY 1W</b> <i>(OSCAR MINI 2WAY 1)</i>		5000K (50)	140lm	125lm		
<b>OSCAR MINI 3WAY 1W</b> <i>(OSCAR MINI 3WAY 1)</i>						
<b>OSCAR MINI 4WAY 1W</b> <i>(OSCAR MINI 4WAY 1)</i>						

\*Maximum parallel connection up to 15pcs per PWM dimmer.  
Ordering Code Example: OSCAR MINI 3W1-RD-30-80-SS-24



Brass Stainless Steel



# DAVIDA

- Davida round inground luminaires offer an interesting decorative pattern.
- Available in two sizes  $\Phi 55$  and  $\Phi 25$ mm.
- Davida has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: HD5RN-F 2x0.75mm L=30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 > 50.000h

Exterior Inground, Surface, Wall, Bollard

Exterior Inground, Surface, Wall, Bollard

DAVIDA

## DAVIDA

CREE  
LEDs

IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Colour	Dimming Option*
			80 (80)	90 (90)		
DAVIDA 2.5W (DAVIDA3)	Round (RD)	2700K (27)	275lm	245lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	295lm	260lm	Brass (BR)	
		4000K (40)	315lm	280lm		
		5000K (50)	330lm	295lm		

\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: DAVIDA3-RD-30-80-SS-24

## DAVIDA MINI

CREE  
LEDs

IP67

Model	Type	CCT	CRI80, CRI90 LED Source		Colour	Dimming Option*
			80 (80)	90 (90)		
DAVIDA MINI 1W (DAVIDA MINI 1)	Round (RD)	2700K (27)	120lm	105lm	Stainless Steel (SS)	24VDC PWM Dimmable (24)
		3000K (30)	125lm	110lm	Brass (BR)	
		4000K (40)	135lm	120lm		
		5000K (50)	140lm	125lm		

\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: DAVIDA MINI 1-RD-30-80-BR-24

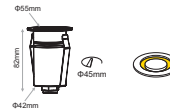
DAVIDA



DAVIDA MINI



## DAVIDA



## DAVIDA MINI



# OSCAR V

Exterior Inground, Surface, Wall, Bollard

- Oscar V is a modern elegant round inground luminaire available in 3 types in regard to the light emittance.
- Available in a size of: Ø55mm.
- Oscar V has a minimal aesthetic with no visible screws.
- Body material : stainless steel 316 or brass.
- Front cover: stainless steel 316 or brass.
- Mounting box: Plastic frame casing.
- 24VDC PWM dimmable
- Power cable: HD5RN-F 2x0.75mm L= 30cm
- Ingress Protection: IP67
- IK Rate: IK10

L90/B10 > 50.000h

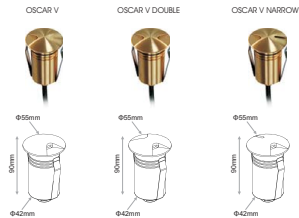


CREE LEDs IP67

Model	Type	CCT	CR180, CR990 LED Source	Colour	Dimming Option*
<b>OSCAR V 2.5W</b> (OSCAR V3)	Round (R0)	2700K (27)	275mm 245mm	Stainless Steel (SS)	24VDC PWM Dimmable (D4)
		3000K (30)	295mm 250mm	Brass (BR)	
		4000K (40)	315mm 280mm		
<b>OSCAR V DOUBLE 2.5W</b> (OSCAR V2)		4000K (40)	315mm 280mm		
		5000K (50)	330mm 295mm		
<b>OSCAR V NARROW 2.5W</b> (OSCAR VN3)					

\*Maximum parallel connection up to 15pcs per PWM dimmer.

Ordering Code Example: OSCAR VN3-RD-30-80-35-SS-24



Exterior Inground, Surface, Wall, Bollard

# BETTINA

BETTINA Series is an inground luminaire available with one, two or four openings.

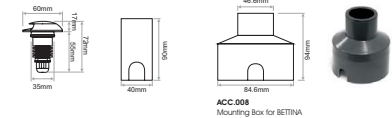
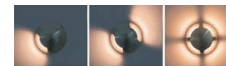
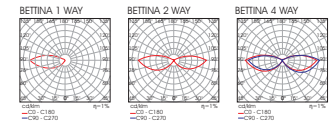
- Housing: aluminum
- Front cover: Stainless steel 316
- Mounting box: plastic frame casing.
- Power cable: HD5RN-F 2x0.75mm L= 1.5m
- Ingress Protection: IP67
- Maximum load 2000kgs



Model*	CCT**	CR180 LED Source	CR170 LED Source	Type	Voltage	Accessories
<b>BETTINA 1 WAY 3W</b> (BETTINA 1)	3000K (30C)	80 (80)	70 (70)	Fixed (F0)	12VDC (12)	COVER Standard (0)
	4000K (40C)	57mm	-			
<b>BETTINA 2 WAY 3W</b> (BETTINA 2)	5700K (57C)	62mm	-			EXTRAS No Extras (F0)
		-	70mm			
<b>BETTINA 4 WAY 3W</b> (BETTINA 4)						

\*Available in 3-ways open upon request  
\*\*Other colours available upon request.

Ordering Code Example: BETTINA 2-30C-80-FX-12-00

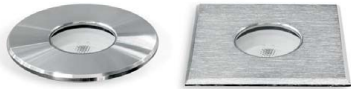


# HYDRA

Exterior Inground, Surface, Wall, Boltard

HYDRA is a small inground luminaire available with honeycomb as extra.

- Inground spot with honeycomb accessory.
- Housing: Die-cast powder coated aluminum.
- Front plate: Stainless steel 316
- Mounting base: plastic frame coating ABS 011.
- Glass: Tempered glass. T=7mm
- Cable gland: IP-68 PG-9 PA66
- Power cable: HD5RN-F 2x1.0mm<sup>2</sup> L=0.5m
- IK Rate: 08
- Ingress Protection: IP67
- PWM Dimmable
- Number of LEDs: 1
- Power Consumption: 2.6Watt
- Maximum load 1700kgs



Model	CCT	Luminaire Lumen	Type	CRI	Beam Angle	Voltage	Accessories
<b>HYDRA ROUND 2.6W</b> (HYDRA RD3)	2700K (27C)	115lm	Fixed (FX)	80 (80)	9° (09)	24VDC PWM Dimmable (24)	COVER Standard (01) Honeycomb (11)
<b>HYDRA SQUARE 2.6W</b> (HYDRA SD3)	3000K (30C)	125lm			15° (15)		
	4000K (40C)	135lm			20° (20)		
	5600K (56C)	145lm			30° (30)		
					45° (45)		
					45°X35° (4535)		
							EXTRAS No Extras (10)



Ordering Code Example: HYDRA RD3-30C-80-30-FX-24-10



# MINIFLO

# MINIFLO

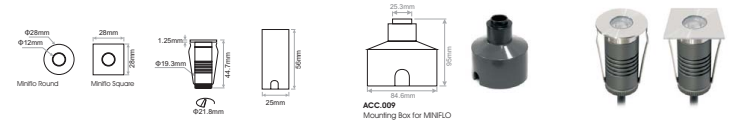
- MINIFLO is a small inground luminaire available round & square.
- Stainless steel face A1S1 316L & pure aluminium body powder coated painted.
- Inground / ceiling recessed / wall recessed installation.
- Tempered glass.
- Dimmable
- IP67

Lighting management options:  
On-Off/DALI(0..10V/1..10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	LED Power	Lumen	CCT*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate
<i>Miniflo Round</i>											
<b>LGR.092</b>	Miniflo Round	1	1W	110lm	5600K	25x45mm	25mm	500Kg	12VDC	80°	IP67 Dimmable
<b>LGR.134</b>	Miniflo Round	1	1W	52lm	2700K	28x44mm	28mm	500Kg	12VDC	35°	IP67 Dimmable
<b>LGR.135</b>	Miniflo Round	1	1W	56lm	3000K	28x44mm	28mm	500Kg	12VDC	35°	IP67 Dimmable
<i>Miniflo Square</i>											
<b>LGR.094</b>	Miniflo Square	1	1W	110lm	5600K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67 Dimmable
<b>LGR.095</b>	Miniflo Square	1	1W	83lm	3000K	25x45mm	25x25mm	500Kg	12VDC	80°	IP67 Dimmable

\*Other colours available upon request.  
\*\*Available in 45° degrees upon request.



# ZERO

Exterior Inground, Surface, Wall, Bollard

ZERO is a small inground luminaire.

- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm<sup>2</sup> L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



CREE LEDs IP67

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle	IP Rate	
LGR.133	1	3W	100lm	2700K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.091	1	3W	110lm	3000K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.090	1	3W	130lm	5600K	Φ40x75mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

\*Other CCT available upon request.  
\*\*Available in 10°, 40° & 60° degrees upon request.



Exterior Inground, Surface, Wall, Bollard

# ZERO-S

ZERO-S is a low depth small inground luminaire.

- Housing: aluminum
- Front cover: stainless steel 316
- Glass : Tempered glass T=4mm
- Mounting box: aluminum
- Cable gland: PG7 cooper with nickel coated.
- Power cable: H05RN-F 2x0.75mm<sup>2</sup> L=1.5m
- IK Rate: 06
- Ingress Protection: IP67
- Maximum load 320kgs

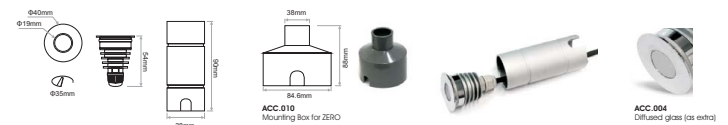
Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



CREE LEDs IP67

Code	No.LED	Watt	Lumen	Colour Temperature*	Dimensions	Diameter	Max. Kg	Voltage	Beam Angle**	IP Rate	
LGR.132	1	3W	110lm	2700K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.089	1	3W	115lm	3000K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable
LGR.088	1	3W	130lm	5600K	54x40mm	40mm	1000Kg	12VDC	25°	IP67	Dimmable

\*Other CCT available upon request.  
\*\*Available in 10°, 40° & 60° degrees upon request.



# BOX 24SF

Exterior Inground, Surface, Wall, Bollard

Exterior Inground, Surface, Wall, Bollard

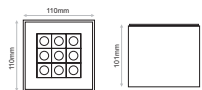
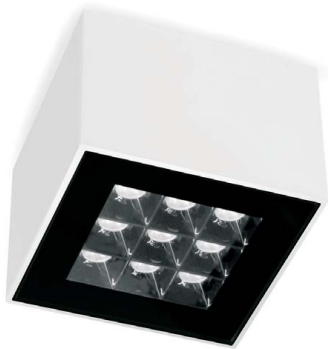
# BOX 24SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK05
- Glare Rating: UGR < 12.7 (16°), < 12.5 (20°), < 10.5 (26°), < 20.9 (40°), < 23.1 (60°), < 15.1 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Weight: 1,5kg



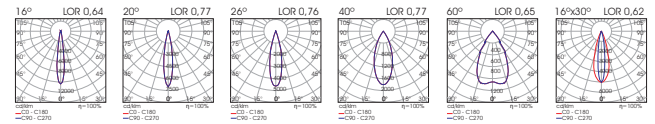
L90/B10 > 50.000h



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option
<b>BOX 23.8W Surface</b> (BOX 24SF)	2700K (27C)	2457lm	16° (VA)	Black (BL)	230VAC Non-Dimmable (230ND)
	3000K (30C)	2628lm	20° (VR)	White (WH)	230VAC Phase Cut Dimmable* (230D)
	4000K (40C)	2628lm	26° (VD)		48VDC PWM Dimmable (48D)
	6500K (65C)	2948lm	40° (VC)		
				60° (VW)	
			16°x30° (AS)		

\* By trailing edge dimmers.

Ordering Code Example: BOX 24SF-30C-NR-BL-230D





# BOX 9SF

Exterior Inground, Surface, Wall, Bollard

Exterior Inground, Surface, Wall, Bollard

BOX 9SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR < 13.4 (12°), < 11.6 (17°), < 12.2 (25°), < 19.3 (35°), < 22.7 (60°), < 16.3 (16°x30°)
- Dimming options: Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Weight: 0,60kg



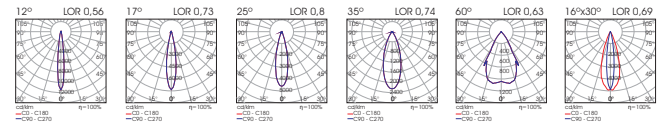
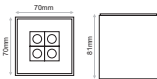
L90/B10 > 50.000h



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	
BOX 9.2W Surface <i>(BOX 9SF)</i>	2700K (27C)	988lm	12° (VA)	Black (BL)	230VAC Non-Dimmable (230ND)	
	3000K (30C)	1054lm	17° (VR)	White (WH)	230VAC Phase Cut Dimmable* (230D)	
	4000K (40C)	1056lm	25° (VD)		24VDC PWM Dimmable (24D)	
	6500K (65C)	1185lm	35° (VC)		48VDC PWM Dimmable (48D)	
				60° (VW)		
				16°x30° (AS)		

\* By trailing edge dimmers.

Ordering Code Example: BOX 9SF-30C-NR-BL-230D



# BOX 5SF

Exterior Inground, Surface, Wall, Bollard

Exterior Inground, Surface, Wall, Bollard

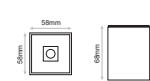
BOX 5SF

Box surface series is a complete series of surface mounted luminaires available in 3 different models in terms of consumption, each offered at different beam angles. Ideal for minimal architectural applications with low glare level due to the design of the luminaire.

- Ingress Protection: IP65
- IK Rate: IK06
- Glare Rating: UGR < 15.1 (17°), < 15.7 (21°), < 14 (28°), < 23.5 (32°), < 25.2 (60°), < 20.3 (16°x30°)
- Dimming options: Phase Cut Dimmable, 24VDC or 48VDC PWM Dimmable.
- Weight: 0.37kg



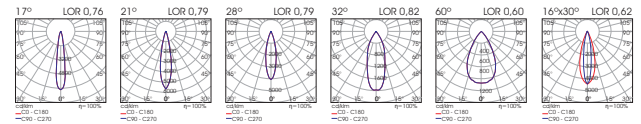
L90/B10 > 50.000h



Model	CCT	LED Source	Beam Angle	Colour	Dimming Option	
BOX 4.4W Surface <i>(BOX 5SF)</i>	2700K (27C)	410lm	17° (VA)	Black (BL)	230VAC Phase Cut Dimmable* (230D)	
	3000K (30C)	440lm	21° (VR)	White (WH)	24VDC PWM Dimmable (24D)	
	4000K (40C)	475lm	28° (VD)		48VDC PWM Dimmable (48D)	
	6500K (65C)	510lm	32° (VC)			
				60° (VV)		
				16°x30° (AS)		

\* By trailing edge dimmers.

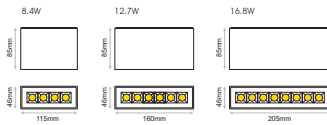
Ordering Code Example: BOX 5SF-30C-WH-230D



- Linibox C is an outdoor luminaire suitable for surface installation.
- It is available in 3 different dimensions.
- Power supply cable required: 3x0,75mm<sup>2</sup> with maximum external diameter 7mm.
- It is available in black or white colour as standard but RAL colour are also available upon request.
- Dimming options for 8.4W & 12.7W: Without Driver, Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Dimming options for 16.8W: Without Driver, Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Ingress Protection: IP66
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)



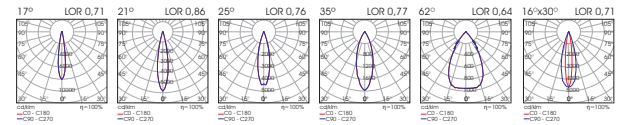
## L90/B10 > 50.000h



Model	LED Power	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Colour	Dimming Option										
LINIBOX C <small>(LINIBOX C)</small>	8.4W (08)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	80 (80) 90 (90)	1060lm 1120lm 1180lm 1300lm	Fixed (FX)	17° (VW) 21° (VW) 25° (VW) 35° (VW) 62° (VW) 16°x30° (AS)	Black (BL) White (WH)	Without Driver (00) 230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable* (230CD) 24VDC PWM Dimmable (24CD) 48VDC PWM Dimmable (48D)										
									12.7W (13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm 1680lm 1770lm 1950lm	1290lm 1470lm 1590lm 1690lm						
													16.8W (17)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2120lm 2240lm 2360lm 2600lm	1720lm 1960lm 2120lm 2250lm		
																	Without Driver (00) 230VAC Non-Dimmable (230ND) 230VAC Phase Cut Dimmable* (230CD) 48VDC PWM Dimmable (48D)	

\* By trailing edge dimmer.

Ordering Code Example: LINIBOX C-17-40C-80-FX-MD-WH-ND



# DORIS C13

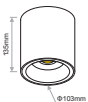
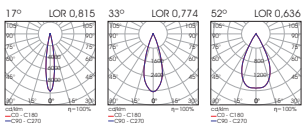
Exterior Inground, Surface, Wall, Bollard

- DORIS C13 is an outdoor surface luminaire available in black or white colour.
- Housing material: Aluminium
- UGR<10 @ 17°, 33° & UGR<15 @ 52°
- L90B10 ~50000h
- IK Rate: IK08
- Ingress Protection: IP65



Model	CCT	CRI80, CRI90 LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
<b>DORIS 13W</b> Ceiling (DORIS C13)	2700K (27C)	C980	C990	Fixed (FX)	17° (17)	Black (BL)	Non Dimmable (ND) DALI Phase Cut (PC)	Standard (SD) Honeycomb (H)	
	3000K (30C)	1490lm	1290lm		90 (90)	33° (33)			White (WH)
	4000K (40C)	1590lm	1380lm		52° (52)				
	5700K (57C)	1710lm	1490lm						

Ordering Code Example: DORIS C13-40C-FX-80-17-BL-ND-00



With Honeycomb

Exterior Inground, Surface, Wall, Bollard

# ADORNO SF IP44 Retrofit

- Adorno series surface luminaire with GU10 lampholder, max. 7.5W (lamp not included).
- Housing Material: Powder coated Aluminium.
- Minimal aesthetic for contemporary architectural design.
- Ingress Protection: IP44



Model	Colour	Type	Lamp Holder
<b>ADORNO SF IP44 Retrofit</b> (ADORNO SF44R)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)

Ordering Code Example: ADORNO SF44R-WH-FX-G1



# ROLL

Exterior Inground, Surface, Wall, Bollard

- ROLL outdoor luminaire suitable for surface installation.
- It has minimal aesthetic with no visible screws.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Marine treatment is also available upon request ensuring higher resistance to weather, UV, water and mould growth.
- Body material: aluminium.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- UGR < 19 (6°, 15°, 30°, 46°)
- Power supply cable required: 3x0,75mm<sup>2</sup> with maximum external diameter 7mm.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP65

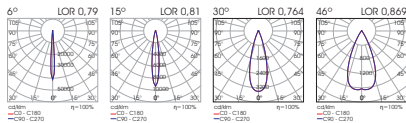
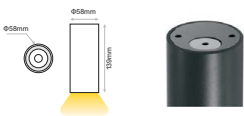


Model	LED Power	CCT	C880, CR90 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option	Accessories
			80	(30)	90	(70)				
<b>ROLL</b> (PCL)	<b>6.5W</b> (07)	2700K (27C)	713mm	570mm	15° (15)	Round	Fixed	Black (BL)	Without Driver (00)	<b>COVER</b> Standard (01)
		3000K (30C)	713mm	615mm	30° (30)	(RD)	(FX)	White (WH)	230V Phase Cut (PC)	Honeycomb (11)
		4000K (40C)	765mm	640mm	46° (46)				230V Non Dimmable (23ND)	Softening lens (21)
		5000K (50C)	765mm	713mm					24VDC PWM Dimmable (24DM)	Line spread lens (31)
		6500K (65C)	765mm	-					48VDC PWM Dimmable (48DM)	
	<b>4.1W</b> (04)	2700K (27C)	440mm	355mm	6° (04)				Without Driver (00)	<b>EXTRAS</b> No Extras (10)
		3000K (30C)	440mm	380mm					230V Non Dimmable (23ND)	
		4000K (40C)	475mm	410mm					24VDC PWM Dimmable (24DM)	
		5000K (50C)	410mm	440mm					48VDC PWM Dimmable (48DM)	

\* Available in RAL colour upon request.

Ordering Code Example: ROLL 07-30C-90-46-RD-FX-BL-230ND-10

- ACR.053** Honeycomb (as extra)
- ACR.050** Softening lens (as extra)
- ACR.051** Line spread lens (as extra)



Exterior Inground, Surface, Wall, Bollard

# ROLL WASH

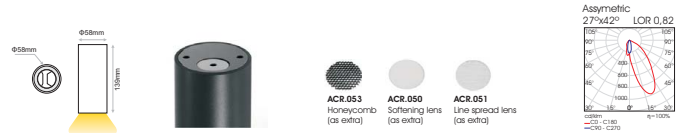
- ROLL Wash outdoor luminaire suitable for surface installation.
- It has minimal aesthetic with no visible screws.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Marine treatment is also available upon request ensuring higher resistance to weather, UV, water and mould growth.
- Body material: aluminium.
- Power supply cable required: 3x0,75mm<sup>2</sup> with maximum external diameter 7mm.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP65



Model	LED Power	CCT	C880, CR90 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option
			80	(30)	90	(70)			
<b>ROLL WASH</b> (PCL W)	<b>4.1W</b> (04)	2700K (27C)	440mm	355mm	Asymmetric (AS)	Round	Fixed	Black (BL)	Without Driver (00)
		3000K (30C)	440mm	380mm	27°x42°	(RD)	(FX)	White (WH)	230V Non Dimmable (23ND)
		4000K (40C)	475mm	410mm					24VDC PWM Dimmable (24DM)
		5000K (50C)	410mm	440mm					48VDC PWM Dimmable (48DM)

\* Available in RAL colour upon request.

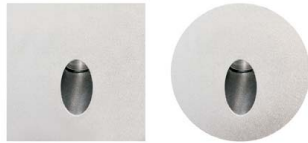
Ordering Code Example: ROLL W 04-30C-80-AS-RD-FX-BL-230ND-0



# POROS

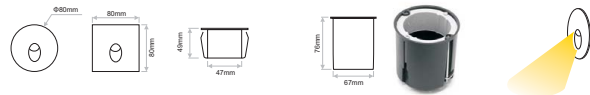
Exterior Inground, Surface, Wall, Boltard

- Poros recessed wall luminaire available in round and square.
- Housing material: Stainless steel 316
- Power cable : HD5RN-F 2x0,75mm<sup>2</sup>=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- L70/B10 40.000h
- IK Rate: 10
- Non Dimmable



IP65

Code	Type	Wall	CCT*	CRI	Lumen	Beam Angle	Voltage	IP Rate	IK Rate
<b>ROUND MONOCHROMATIC</b>									
<b>ALW.030</b>	Round	1.7W	5400K	80	34lm	80°	24VDC	IP65	IK10
<b>ALW.031</b>	Round	1.7W	3000K	80	31lm	80°	24VDC	IP65	IK10
*Available in 2700K upon request.									
<b>SQUARE MONOCHROMATIC</b>									
<b>ALW.032</b>	Square	1.7W	5400K	80	34lm	80°	24VDC	IP65	IK10
<b>ALW.033</b>	Square	1.7W	3000K	80	31lm	80°	24VDC	IP65	IK10
*Available in 2700K upon request.									



Exterior Inground, Surface, Wall, Boltard

- Poros Mini recessed wall luminaire available in round and square.
- Housing material: Stainless Steel 316
- Power cable : HD5RN-F 2x1,0mm<sup>2</sup> L=0.3m
- Outdoor installation: IP65
- Mounting Box material: PVC
- IK Rate: 10

L90/B10 > 50.000h

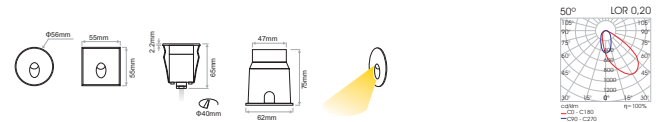


# POROS MINI ST

CREE LEDs IP65

Model	Shape	CCT	LED Source	Type	Beam Angle	Colour	Voltage
<b>POROS MINI ST 2.4W</b> <small>(PCRCOs Mini ST2)</small>	Round (RD)	2700K (27)	252lm	Fixed (FX)	50° (50)	Stainless Steel 316 (SS)	24VDC PWM Dimmable (24)
	Square (SQ)	3000K (30)	265lm				
		4000K (40)	279lm				

Ordering Code Example: POROS MINI ST2-RD-30-FX-50-SS-24



# POROS MINI

Exterior Inground, Surface, Wall, Bollard

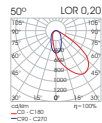
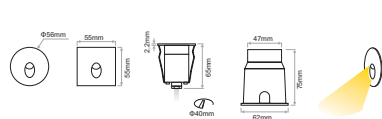
- Poros Mini is also available in round and square in aluminium.
- Housing: Die-casting aluminium
- Available in black or white colour.
- Power cable : H05RN-F 2x1.0mm<sup>2</sup> L=0.3m
- Outdoor installation: IP65
- Mounting box material: PVC
- IK Rate: 10

L90/B10 >50.000h



Model	Shape	CCT	LED Source	Type	Beam Angle	Colour	Voltage
POROS MINI2.4W <small>(Circular 18x9.2)</small>	Round (RD)	2700K (27)	252lm	Fixed (FX)	50° (SG)	White (WH) Black (BL)	24VDC PWM Dimmable (24)
	Square (SQ)	3000K (30)	265lm				
		4000K (40)	279lm				

Ordering Code Example: POROS MINI 2-RD-30-FX-50-WH-24



Exterior Inground, Surface, Wall, Bollard

# CANOVA

- CANOVA recessed luminaire is available in white, black or brown colour.
- Housing material: Power coated aluminium.
- Mounting box material: Plastic
- Ingress Protection: IP65



Model	Colour Temperature*	Watt	Luminaire LED lumen	Luminaire Colour**	Voltage	Dimensions	IP Rate
CANOVA	3000K	3W	170lm	White	230VAC	90x60mm	IP65

\* Available in COOL WHITE upon request  
\*\* Housing also available in Black or Brown colour upon request



- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel (3W), aluminium (4W, 13W)
- L90° @10 50000h
- Ingress Protection: IP65
- IK06



Model	Type	Watt	CCT*	CR80 LED Source	Colour	Dimming Option
<b>ORIGIN RC</b> <i>(ORIGIN RC)</i>	Square (SQ)	<b>2.9W</b> (03)	2700K (27C)	160lm	Black (BL) White (WH)	230VAC Non-Dimmable (230ND)
			3000K (30C)	200lm		24VDC PWM Dimmable (24D)
			4000K (40C)	200lm		
		<b>4W</b> (04)	2700K (27B)	360lm		230VAC Non-Dimmable (230ND)
			3000K (30B)	390lm		24VDC PWM Dimmable (24D)
			4000K (40B)	420lm		48VDC PWM Dimmable (48D)
Rectangular (RT)	<b>13W</b> (13)	2700K (27B)	1220lm		230VAC Non-Dimmable (230ND)	
		3000K (30B)	1300lm		48VDC PWM Dimmable (48D)	
		4000K (40B)	1400lm			

Ordering Code Example: ORIGIN RC-SQ-03-30B-80-BL-230ND



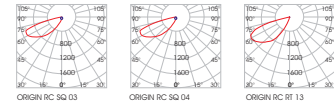
ORIGIN RC SQ 03



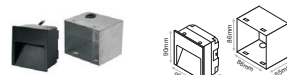
ORIGIN RC SQ 04



ORIGIN RC RT 13



ORIGIN RC SQ 03



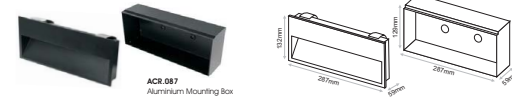
**ACR 085**  
Stainless Steel Mounting Box

ORIGIN RC SQ 04



**ACR 086**  
Aluminium Mounting Box

ORIGIN RC RT 13



**ACR 087**  
Aluminium Mounting Box



# ORIGIN RC RT

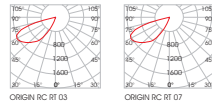
Exterior Inground, Surface, Wall, Bollard

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body; die-cast aluminium with silicone rubber gasket.
- Mounting box: stainless steel
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06



Model	Type	Watt	CC1*	CR80 LED Source	Colour	Dimming Option
80 (80)						
ORIGIN RC (ORIGIN RC)	Rectangular (RT)	2.7W (03)	2700K (278)	250lm	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (308)	270lm	White (WH)	24VDC PWM Dimmable (24D)
	7.2W (07)	2700K (278)	600lm		48VDC PWM Dimmable (48D)	
		3000K (308)	640lm			
		4000K (408)	690lm			

Ordering Code Example: ORIGIN RC-RT-07-308-80-BL-230ND



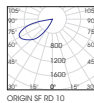
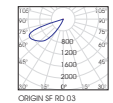
# ORIGIN SF RD

- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body; die-cast aluminium with silicone rubber gasket.
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06



Model	Type	Watt	CC1*	CR80 LED Source	Colour	Dimming Option
80 (80)						
ORIGIN SF (ORIGIN SF)	Round (RD)	3.2W (03)	2700K (278)	360lm	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (308)	390lm	White (WH)	24VDC PWM Dimmable (24D)
	10W (10)	2700K (278)	970lm		48VDC PWM Dimmable (48D)	
		3000K (308)	1040lm			
		4000K (408)	1110lm			

Ordering Code Example: ORIGIN SF-RD-03-308-80-BL-230ND



- Origin is a complete series of recessed and surface wall luminaires available in square, rectangular or round form.
- The series is available in black or white colour. Other RAL colours also available upon request.
- Luminaire body: die-cast aluminium with silicone rubber gasket.
- L90 B10 50000h
- Ingress Protection: IP65
- IK05



ORIGIN SF SQ 04



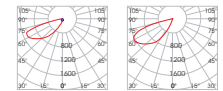
ORIGIN SF SQ 14



ORIGIN SF RT 13

Model	Type	Watt	CCT*	CRIBO LED Source	Colour	Dimming Option
				80 (80)		
<b>ORIGIN SF</b> (ORIGIN SF)	Square (SQ)	<b>3.9W</b> (04)	2700K (27B)	370lm	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (30B)	390lm	White (WH)	24VDC PWM Dimmable (24D)
			4000K (40B)	420lm		48VDC PWM Dimmable (48D)
		<b>13.9W</b> (14)	2700K (27B)	1370lm		230VAC Non-Dimmable (230ND)
			3000K (30B)	1470lm		48VDC PWM Dimmable (48D)
			4000K (40B)	1570lm		
Rectangular (RT)	<b>13W</b> (13)	2700K (27B)	1210lm			
		3000K (30B)	1300lm			
		4000K (40B)	1400lm			

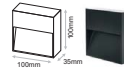
Ordering Code Example: ORIGIN SF-SQ-14-30B-80-BL-230ND



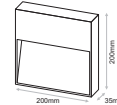
ORIGIN SF SQ 04

ORIGIN SF RT 13

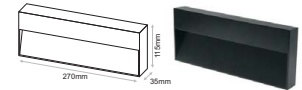
ORIGIN SF SQ 04



ORIGIN SF SQ 14



ORIGIN SF RT 13



# CANOVA 4 SF

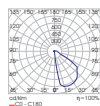
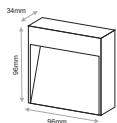
Exterior Inground, Surface, Wall, Bollard

- Canova 4 SF is an outdoor surface led wall luminaire.
- Body material: die-cast aluminium with silicon rubber gasket
- Powder coated
- Available in black, white or dark grey colour. RAL colours also available upon request.
- Ingress Protection: IP65
- IK Rate: IK05



IP65

Code	Model	Colour Temperature	Watt	Luminaire Colour	Voltage	Dimensions	IP Rate
ALW.057	CANOVA 4 SF	3000K	3.6W	Dark Grey	230VAC	96x96x34mm	IP65
ALW.061	CANOVA 4 SF	3000K	3.6W	White	230VAC	96x96x34mm	IP65



Exterior Inground, Surface, Wall, Bollard

# MINI-MIDI

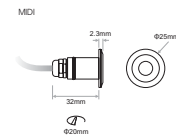
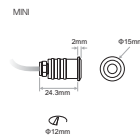
MINI & MIDI are small recessed luminaires suitable for decorative lighting.

- Ingress Protection: IP68



IP68

Code	Model	No.LED	Watt	CCT	Lumen	Beam Angle	Dimensions	Voltage	IP Rate	
MLD.001	MINI	1	0.3W	3000K	24lm	120°	Φ15x26.3mm	12VDC	IP68	PWM Dimmable
	MINI	1	0.3W	6000K	30lm	120°	Φ15x26.3mm	12VDC	IP68	PWM Dimmable
MLD.010	MIDI	1	0.3W	3000K	24lm	120°	Φ25x34.3mm	12VDC	IP68	PWM Dimmable
MLD.011	MIDI	1	0.3W	6000K	30lm	120°	Φ25x34.3mm	12VDC	IP68	PWM Dimmable



# LINIBOX W

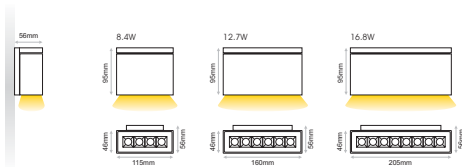
Exterior Inground, Surface, Wall, Ballard

- Linibox W is an outdoor luminaire suitable for wall fixed installation.
- It is available in 3 different dimensions.
- Power supply cable required: 3x0,75mm<sup>2</sup> with maximum external diameter 7mm.
- It is available in black or white colour as standard but RAL colours are also available upon request.
- Dimming options for 8.4W & 12.7W: Without Driver, Phase Cut Dimmable, Non-Dimmable, 24VDC or 48VDC PWM Dimmable.
- Dimming options for 16.8W: Without Driver, Phase Cut Dimmable, Non-Dimmable or 48VDC PWM Dimmable.
- Ingress Protection: IP66
- Glare Rating: UGR <13.7 (17°), <13.1 (21°), <12.5 (25°), <20.6 (35°), <23.6 (62°), <15.7 (16°x30°)

L90/B10 > 50.000h



Fixed



Exterior Inground, Surface, Wall, Ballard

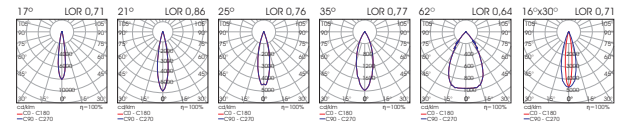
LINIBOX W



Model	LED Power	CCT	CR80, CR90 LED Source	Type	Beam Angle	Colour	Dimming Option	
LINIBOX W <small>(LINIBOX TV)</small>	8.4W (B8)	2700K (27C)	80 (B0)	Fixed (FX)	17° (VW)	Black (BL)	Without Driver (00)	
			90 (90)	21° (VW)	White (WH)	230VAC Non-Dimmable (230ND)		
			12.7W (13)	3000K (30C)	1120lm	980lm	25° (VW)	230VAC Phase Cut Dimmable* (230CD)
				4000K (40C)	1180lm	1050lm	35° (VW)	
				5000K (50C)	1300lm	1125lm	62° (VW)	
				16°x30° (AS)	48VDC PWM Dimmable (48D)			
	16.8W (17)	2700K (27C)	1590lm	1290lm	Without Driver (00)			
		3000K (30C)	1680lm	1470lm		230VAC Non-Dimmable (230ND)		
		4000K (40C)	1770lm	1590lm		230VAC Phase Cut Dimmable* (230CD)		
		5000K (50C)	1950lm	1690lm		48VDC PWM Dimmable (48D)		
		2700K (27C)	2120lm	1720lm		Without Driver (00)		
		3000K (30C)	2240lm	1960lm			230VAC Non-Dimmable (230ND)	
4000K (40C)	2360lm	2120lm	230VAC Phase Cut Dimmable* (230CD)					
5000K (50C)	2600lm	2250lm	48VDC PWM Dimmable (48D)					

\* By trailing edge dimmer.

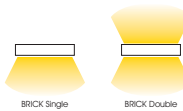
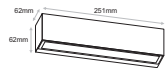
Ordering Code Example: LINIBOX W-13-30C-80-FX-MD-WH-ND



# BRICK II

Exterior Inground, Surface, Wall, Bollard

- BRICK II is an elegant wall mounted luminaire, available either with single or double light emission.
- Body material: Aluminium
- It is offered in black and white colour.
- L90/ B10 50000h
- Ingress Protection IP65



Exterior Inground, Surface, Wall, Bollard

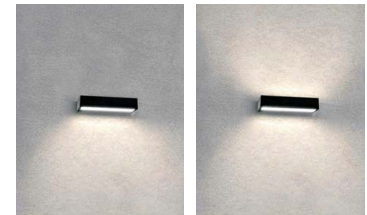
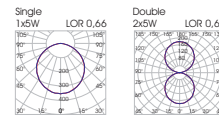
# BRICK II



Model	Type	CCP*	C880, C890 LED Luminar		Beam Angle	Colour	Dimming Option
			80 (80)	90 (90)			
BRICK II <small>(BRICK II)</small>	<b>5W</b> Single (1x5W) (05)	2700K (27) 3000K (30)	495lm	420lm	Diffused (DF)	Black (BL) White (WH)	230VAC Phase Cut Dimmable (230D)
	<b>10W</b> Double (2x5W) (10)	2700K (27) 3000K (30)	990lm	840lm			

\* 4000K also available upon request.

Ordering Code Example: BRICK II 10-30-80-DF-BL-230D



# EDGE

Exterior Inground, Surface, Wall, Bollard 

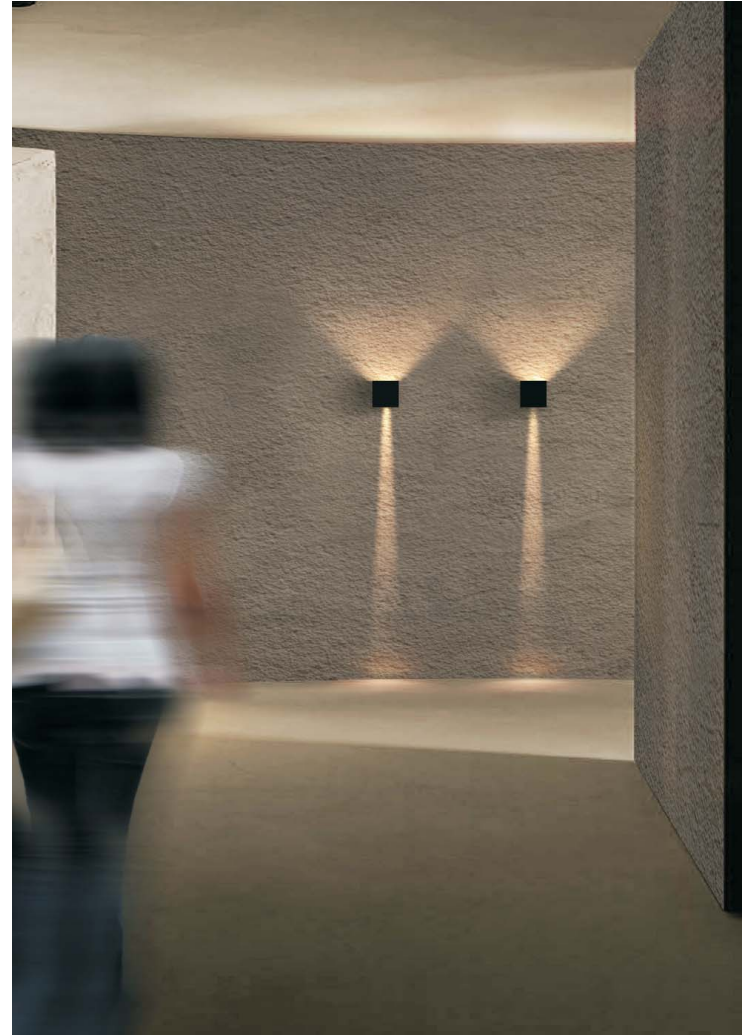
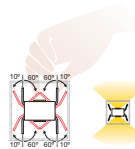
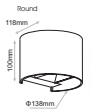
- EDGE wall mounted luminaire offers easiness and flexibility in lighting due to its special construction.
- Body material: Aluminium
- User can easily select the desired beam angle by adjusting the inner parts of the luminaire.
- Can create asymmetry in each luminaire in terms of up & down light emission.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection IP65



Model	CCT	LED Power	CCT*	CR80, CR90 LED Source		Beam Angle	Colour	Dimming Option
				80 (80)	90 (90)			
EDGE (EDGE)	Square (SQ)	2x3W (06)	2700K (27)	2x430mm	2x355mm	Adjustable (0°-90°)	Black (BL) White (WH)	230VAC Phase Cut Dimmable (2300)
	Round (RD)		3000K (30)	2x460mm	2x370mm			
			4000K (40)	2x470mm	2x385mm			

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example: EDGE-SQ-06-30-80-090-BL-2300



# LEROS

Exterior Inground, Surface, Wall, Bollard

Exterior Inground, Surface, Wall, Bollard

LEROS

- LEROS wall luminaire available with single or double light emission.
- Housing material: Die-cast powder coated aluminum
- Glass : PC T=6mm
- Power cable : HD5RN-F-3x1.0mm<sup>2</sup> L= 0.3m
- IK Rating: 06
- Outdoor installation: IP65
- Luminaire colour: Mat Grey

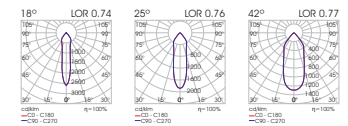
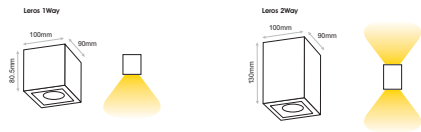
**Monochromatic:**  
24VDC PWM Dimmable  
230VAC Non-Dimmable



Model	Type	CCT	CRI80+ CRI90 LED Source			Voltage	Beam Angle**	Colour
			80 (80)	90 (90)				
<b>LEROS</b> (LEROS)	<b>6W</b> Leros 1Way (1x6W) (04)	2700K (27C)	810lm	670lm	24VDC PWM Dimmable (24)	18° (18)	Mat Grey (MG)	
		3000K (30C)	850lm	700lm				
		4000K (40C)	880lm	740lm				
		5000K (50C)	900lm	770lm				
		5700K (57C)	860lm	-				
		6500K (65C)	870lm	-				
	<b>12W</b> Leros 2Way (2x6W) (12)	2700K (27C)	860lm	710lm	230VAC Non-Dimmable (230ND)	25° (25)		
		3000K (30C)	910lm	740lm				
		4000K (40C)	940lm	780lm				
		5000K (50C)	950lm	820lm				
		5700K (57C)	910lm	-				
		6500K (65C)	920lm	-				

\* Nichia LEDs only in 3000K, CRI80 & Non-Dimmable.  
\*\* Also available with asymmetric up/down lenses upon request.

Ordering Code Example: LEROS 06-30C-90-24-42-MG



# PARELO

Exterior Inground, Surface, Wall, Bollard 

- PARELO series is ideal to illuminate outdoor wall surfaces.
- GU10 lamp holder with the use of max 5W lamp (lamp not included).
- Available in black or white colour.
- Single or double emission.
- Ingress Protection: IP65



Exterior Inground, Surface, Wall, Bollard 

# PARELO



IP65

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.005	PARELO I Black	5W max	230VAC	GU10	Black	Φ69x80x67mm	IP65
AWE.006	PARELO I White	5W max	230VAC	GU10	White	Φ69x80x67mm	IP65



IP65

Code	Model	Maximum Consumption	Power Supply	Lamp type	Colour	Dimensions	IP Rate
AWE.007	PARELO II Black	2x5W max	230VAC	GU10	Black	Φ69x80x165mm	IP65
AWE.008	PARELO II White	2x5W max	230VAC	GU10	White	Φ69x80x165mm	IP65





# DORIS W13

Exterior Inground, Surface, Wall, Bollard 

DORIS W13 is an outdoor wall surface luminaire available in black or white colour.

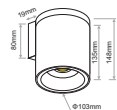
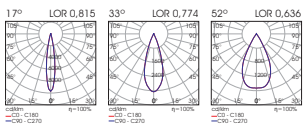
- Housing material: Aluminium
- UGR < 10 (17°, 33°) and UGR < 15 (52°)
- 3 Step MacAdam
- L90@810 > 50000h
- IK Rate: IK08
- Ingress Protection: IP65



**CREE** LEDs IP65

Model	CCT	CRI80, CRI90 LED Source		Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
<b>DORIS WALL 1SW</b> <i>[DORIS W13]</i>	2700K (27C)	CRI80	CRI90	Fixed (FX)	80 (80)	17° (17)	Black (BL)	Non Dimmable (ND)	Standard (SD)	
	3000K (30C)	1450lm	1200lm			90 (90)	33° (33)	White (WH)	DAI	Honeycomb (DI)
	4000K (40C)	1590lm	1380lm			52° (52)	Phase Cut (PC)			
	5700K (57C)	1710lm	1490lm							1710lm

Ordering Code Example: DORIS W13-30C-FX-80-52-BL-ND-01



With Honeycomb



Complex Of Private Residences, Crete, Greece

# ARYN

Exterior Inground, Surface, Wall, Bollard 

ARYN is a surface outdoor luminaire suitable to highlight architectural elements in facades.

- Power cable: HD5RN-F 3x0,75mm<sup>2</sup>
- Outer cable diameter: 7mm
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.

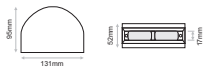


IP65

Model	CCT	Beam Angle	Voltage	Colour*	IP Rate
<b>ARYN 9W</b>	2700K (27)	180° (180)	230VAC (230)	White (WH)	IP65 (65)
(ARYN 9)	3000K (30)				
	4000K (40)				
	5700K (57)				

\* Luminaire colour white, but custom RAL colours also available on request.

Ordering Code Example: ARYN 9-30-180-230-WH-65



# ROLLER

Exterior Inground, Surface, Wall, Bollard 

ROLLER is a surface outdoor luminaire suitable to highlight architectural elements in facades.

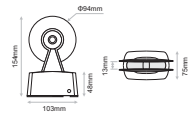
- Power cable: HD5RN-F 3x0,75mm<sup>2</sup>
- Outer cable diameter: 7mm
- Ingress Protection: IP65
- Non-Dimmable
- DALI Dimmable option upon request.



IP65

Model	CCT	Beam Angle	Voltage	IP Rate
<b>ROLLER 9W</b>	2700K (27)	340° (340)	230VAC (230)	IP65 (65)
(ROLLER 9)	3000K (30)			
	4000K (40)			
	5700K (57)			

Ordering Code Example: ROLLER 9-30-340-230-65



# ORIGIN BD

Exterior Inground, Surface, Wall, Bollard

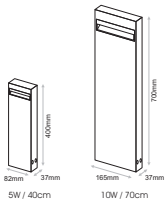
- Origin Bollard is available in two models and can be ideally combined with Origin wall luminaires.
- This series is available in Black. Other RAL colours also available upon request.
- Luminaire body; Aluminium
- L90/ B10 50000h
- Ingress Protection: IP65
- IK06



LIGHTSOURCE BY  
**bridgelux** IP65

Model	Watt / Height	CCT*	CR80, CR90 LED Source		Colour	Dimming Option
			80 (80)	90 (90)		
ORIGIN Bollard (ORIGIN BD)	5W / 40cm (05-40)	2700K (27)	635m	540m	Black (BL)	230VAC Non-Dimmable (230ND)
		3000K (30)	640m	595m		24VDC PWM Dimmable (24D)
		4000K (40)	730m	655m		
	10W / 70cm (10-70)	2700K (27)	1200m	1080m		230VAC Non-Dimmable (230ND)
		3000K (30)	1250m	1130m		48VDC PWM Dimmable (48D)
		4000K (40)	1380m	1245m		

Ordering Code Example: ORIGIN BD-10-70-30B-80-BL-230ND



82mm 37mm 400mm  
5W / 40cm

165mm 37mm 700mm  
10W / 70cm

Exterior Inground, Surface, Wall, Bollard

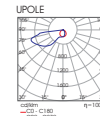
# UPOLE

- UPOLE is a minimal bollard available in dark grey colour.
- Housing: Powder coated aluminium
- Cable: HD5RN-F 3x0.75mm<sup>2</sup>
- IK Rate: IK06
- Ingress Protection: IP65



IP65

Model	Watt	CCT - Luminaire Lumen	CRI	Voltage	Colour	Dimensions	IP Rate
UPOLE	14.2W	2700K - 636lm	80	230VAC	Dark Grey	104x80x600mm	IP65



## MAROON

Exterior Inground, Surface, Wall, Bollard 

MAROON consists of two slim and elegant bollard with minimal aesthetic available in 8 and 15 Watt.

- It offers visual comfort and is ideal for outdoor landscapes.
- Available in black colour. RAL colours available upon request.
- Luminaire body: Aluminium
- Available with stainless steel spike or concrete base supplied as extra.
- IK Rate: IK08
- L90° B10 50000h
- Ingress Protection: IP65



MAROON

Exterior Inground, Surface, Wall, Bollard



LIGHTSOURCE BY  
bridgelux. IP65

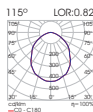
Model	CCT	LED Source	Height	Type	CRI	Beam Angle	Colour	Dimming Option
<b>MAROON 8W</b> <i>(MAROON 8)</i>	2700K (27B)	535lm	H: 400mm (400)	Fixed (F)	80 (80)	115° (115)	Black (BL)	230VAC (230)
	3000K (30B)	540lm						
	4000K (40B)	555lm						
<b>MAROON 15W</b> <i>(MAROON 15)</i>	2700K (27B)	1505lm	H: 700mm (700)					
	3000K (30B)	1512lm						
	4000K (40B)	1525lm						

Ordering Code Example: MAROON 15-40B-700-FX-80-115-BL-230

MAROON 15W



MAROON 8W



# STOCKY

- Stocky luminaire is a linear slim luminaire with minimal aesthetic.
- Ideal to blend into an outdoor landscape.
- Pole & base material: stainless steel or brass.
- Top part material: glass.
- Ingress Protection IP65
- IK Rate: IK06
- Available in either curved or flat top.



Exterior Inground, Surface, Wall, Bollard

Exterior Inground, Surface, Wall, Bollard

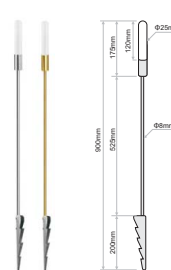
STOCKY



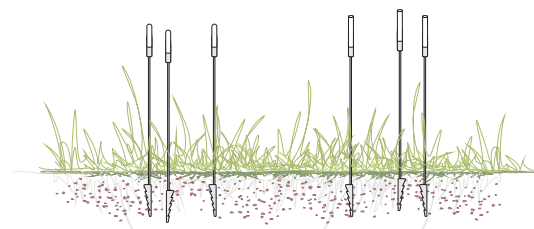
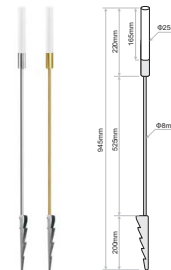
Model	Glass	Finish	CCT	LED Source	Beam Angle	Voltage
<b>STOCKY 2W</b> <i>(STOCKY 2)</i>	Curved Top <i>(CT)</i> Flat Top <i>(FT)</i>	Stainless Steel <i>(SS)</i> Brass <i>(BR)</i>	3000K <i>(30C)</i>	182mm	94° <i>(F4)</i>	24VDC <i>(P4)</i>

Ordering Code Example: STOCKY 2-CT-SS-30C-94-24

Curved Top

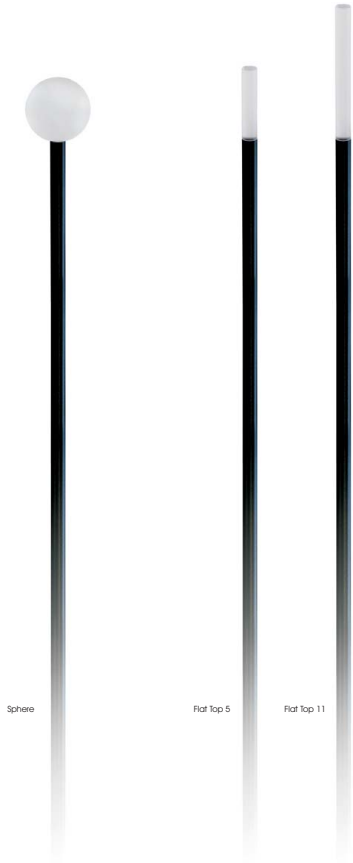


Flat Top



# TROPICAL

- TROPICAL is an elegant miniaturized outdoor luminaire.
- Ideal to blend into any outdoor landscape due to the minimal aesthetic.
- Available in 50, 85, or 120cm pole.
- Cabling: 50cm pole supplied with 1,5m cable, 85/120cm poles supplied with 2,5m cable.
- Pole material: aluminium.
- Top part material: acrylic.
- Ingress Protection IP65
- IK Rate: IK05



Exterior Inground, Surface, Wall, Bollard

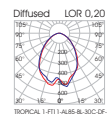
Exterior Inground, Surface, Wall, Bollard

TROPICAL

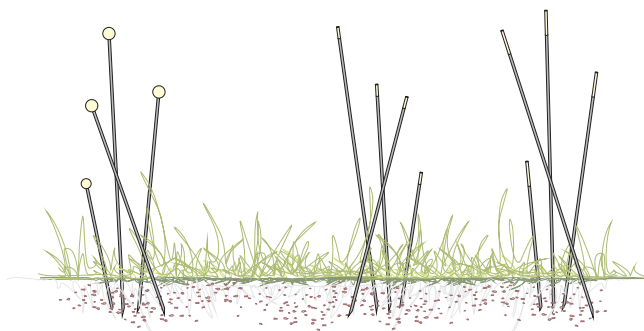
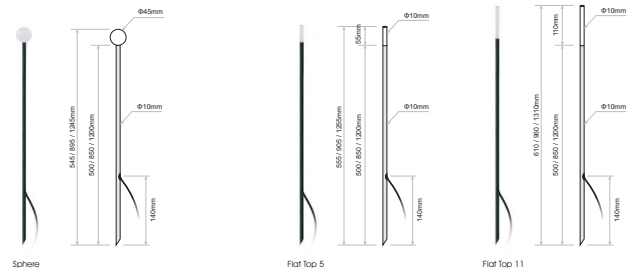
CREE  
LEDs

IP65

Model	Acrylic Top	Aluminium Pole	Colour	CCT	LED Source	Beam Angle	Voltage
<b>TROPICAL 0.5W</b> <i>(TROPICAL 1)</i>	Sphere <i>(SP)</i>	50cm <i>(AL50)</i>	Black <i>(BL)</i>	2700K <i>(27C)</i>	40lm	Diffused <i>(DF)</i>	24VDC
	Flat Top 5 <i>(FT5)</i>	85cm <i>(AL85)</i>	White <i>(WH)</i>	3000K <i>(30C)</i>	45lm	PWM Dimmable <i>(24D)</i>	
	Flat Top 11 <i>(FT11)</i>	120cm <i>(AL120)</i>	Brown <i>(BR)</i>	4000K <i>(40C)</i>	50lm		



Ordering Code Example: TROPICAL 1-FT11-AL85-BL-30C-DF-24D



# TRETTO

Exterior Inground, Surface, Wall, Bollard

TRETTO is a minimal luminaire with pole available with one, two or three spots.

- It has minimal aesthetic: no visible screws on the luminaire.
- Available with base for ground installation or with base suitable for spike.
- The height of each luminaire on the pole is adjustable.
- Each luminaire is both rotatable and tiltable 360degrees.
- Body material and base: aluminium.
- Pole material: stainless steel.
- Spike material: plastic.
- Each luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Supplied in black colour as standard, custom RAL colours available upon request.
- Power cable H05RN-F 2x0.75mm<sup>2</sup> L = 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Light: 19 (15°, 30°, 46°)
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



TRETTO 6.5W    TRETTO 13W    TRETTO 19.5W



TRETTO    TRETTO with Snoot    TRETTO with Half Snoot

Exterior Inground, Surface, Wall, Bollard

# TRETTO

CREE LEDs IP67

Model	Type	Colour	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Dimming Option*	Accessories
				80 (B0)	90 (90)			
<b>TRETTO 6.5W</b> (TRETTO 7)	Base (BS)	Black (BL)	2700K (27C)	713lm	570lm	15° (15)	Without Driver (00)	Standard Snoot (1)
	Spike (SP)		3000K (30C)	713lm	615lm	30° (30)	230VAC Non Dimmable (230ND)	Half Snoot (2)
<b>TRETTO 13W</b> (TRETTO 13)			4000K (40C)	765lm	660lm	46° (46)	24V/48DC Non Dimmable (2448ND)	Standard Honeycomb Softening lens (10)
			5000K (50C)	765lm	713lm		24VDC PWM Dimmable (24DM)	Line spread lens (11)
<b>TRETTO 19.5W</b> (TRETTO 20)			6500K (65C)	765lm	-		48VDC PWM Dimmable (48DM)	Softening lens (12)
							230V Phase Cut (230PC)	Line spread lens (13)

Ordering Code Guide for TRETTO:

- A: Upper module
- B: Middle module (where applicable)
- C: Lower module (where applicable)

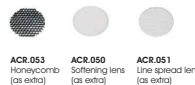
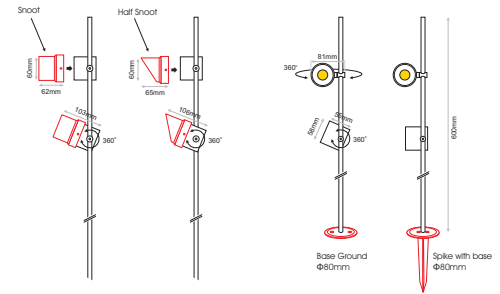
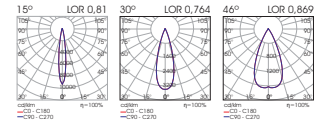
TRETTO model - Type - Colour - CCT - CRI - Beam Angle - Dimming - Accessories

(TRETTO 7) (BS)(SP) (BL) A A A (00) A  
 (TRETTO 13) AB AB AB ABC ABC ABC AB  
 (TRETTO 20) ABC ABC ABC AB

Note: If modules AB (for Tretto 13) or if all modules ABC (for Tretto 20) have common characteristic(s) please mention this characteristic(s) only once.

Ordering Code Examples:

TRETTO 7-BS-BL-30C-80-46-00-01  
 TRETTO 13-BS-BL-30C50C-8090-4630-00-0110  
 TRETTO 20-BS-BL-30C30C50C-809080-154646-00-01





# MUSHROOM

Exterior Inground, Surface, Wall, Bollard 

- MUSHROOM is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black, white or brown colour.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 2x2200mAh Li-Ion, 3.7V
- Battery charging time: 5 hours (5V/1A).
- Touch switch, Stepless dimmable, Memory of brightness.
- Battery life according to light output: 10-120hrs.
- Ingress Protection: IP54



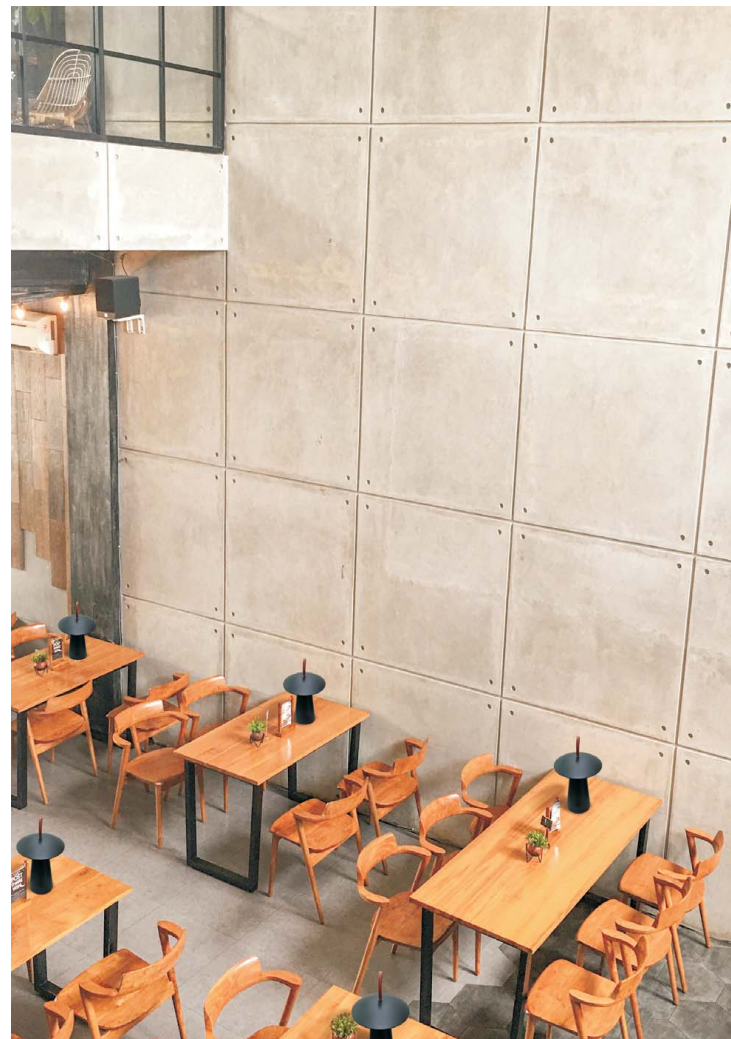
Rechargeable 

IP54

Code	Colour	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.005	Black	2W	3000K - 240lm	2x2200mAh Li-Ion, 3.7V	5VDC	197mm x (H)225mm	IP54
TAB.006	White						
TAB.007	Brown						



Charging time:  
5hrs (5V/1A)  
Battery life:  
10-120hrs.



# KEPLER

Exterior Inground, Surface, Wall, Bollard 

- KEPLER is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black, white or brown colour.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 2x2200mAh Li-Ion, 3.7V
- Battery charging time: 5 hours (5V/1A).
- Touch switch, Stepless dimmable, Memory of brightness & Colour Temperature.
- Battery life according to light output: 10-120hrs.
- Ingress Protection: IP54



Rechargeable 

IP54

Code	Colour	Watt	CCI - Lumen	CRI	Battery	Voltage	Dimensions	IP Rate
TAB.008	Black	2W	2200-2700-3000K - 170lm	>80	2x2200mAh 3.7V	5VDC	Φ135mm x (H)260mm	IP54
TAB.009	White							
TAB.010	Brown							



Charging time:  
5hs (5V/1A)  
Battery life:  
10-120hrs



Black

White

Brown



# MARLO

Exterior Inground, Surface, Wall, Boltard 

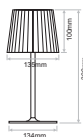
- MARLO is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium
- Available in Black or White.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

IP54

Code	Colour	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.003	Black	2W	3000K - 183lm	1x2600mAh Li-Ion, 3.7V	5VDC	135mm x (H)300mm	IP54
TAB.004	White						



Charging time:  
3hrs (5V/1A)

Battery life:  
4hrs at 100%, 10hrs at 40%, 40hrs at 10%



# PHAROS

Exterior Inground, Surface, Wall, Bollard 

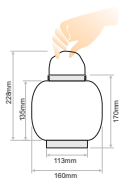
- PHAROS is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

IP54

Code	Watt	CCT - Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.000	2W	3000K - 202lm	1x2600mAh Li-Ion, 3.7V	5VDC	160mm x (H)228mm	IP54



**Charging time:**  
3hrs (5V/1A)

**Battery life:**  
4hrs at 100%, 10hrs at 40%, 40hrs at 10%



# PLUMB

Exterior Inground, Surface, Wall, Bollard 

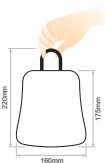
- PLUMB is a portable rechargeable lamp ideal for outdoor or indoor use.
- Material: Aluminium / black colour.
- Diffuser material: frosted polycarbonate.
- Charger and USB charging cable included 5V DC/1A (110/240V 50/60Hz).
- Battery: 1x2600mAh Li-Ion, 3.7V
- Battery charging time: 3 hours (5V/1A).
- Three lighting levels available.
- Battery life according to light output: 4 hours at 100%, 10 hours at 40%, 40 hours at 10%.
- Ingress Protection: IP54



Rechargeable 

IP54

Code	Watt	CCT- Lumen	Battery	Voltage	Dimensions	IP Rate
TAB.001	2W	3000K - 212lm	1x2600mAh Li-Ion, 3.7V	5VDC	160mm x (H)220mm	IP54



**Charging time:**  
3hrs (5V/1A)

**Battery life:**  
4hrs at 100%, 10hrs at 40%, 40hrs at 10%

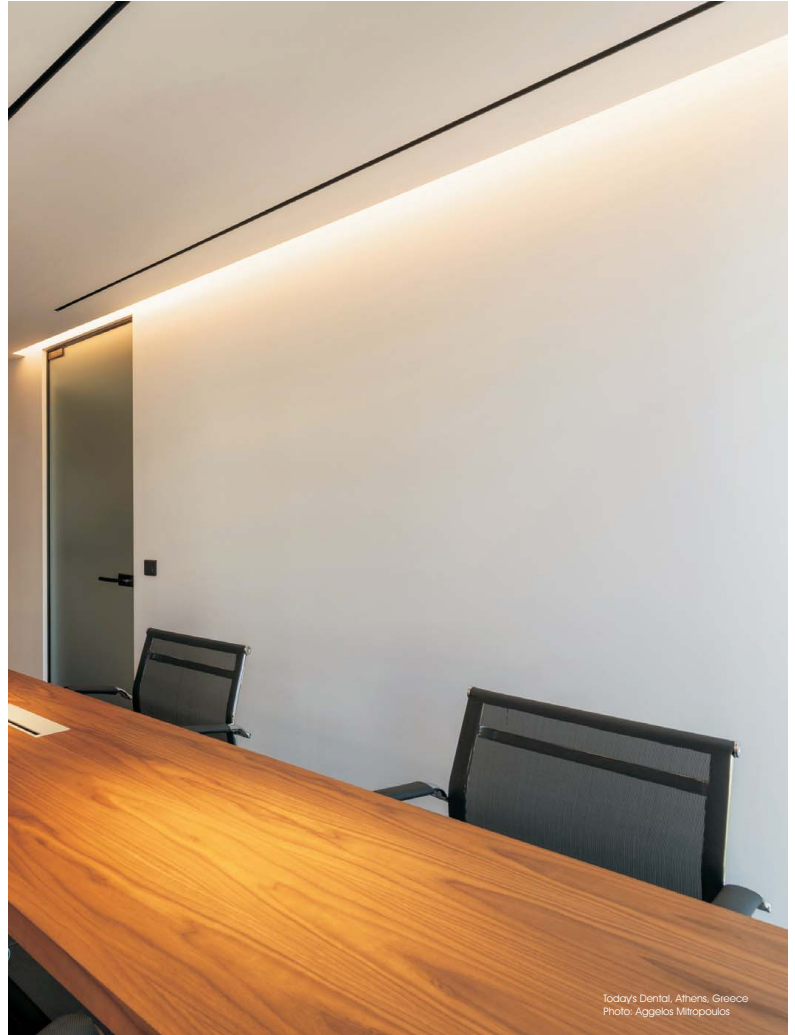


INTERIOR  
LINEAR





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Arifias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Arifias St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

# LINILINE RC/RCAG

(Recessed/Recessed Antiglare)



# LINILINE RC/RCAG

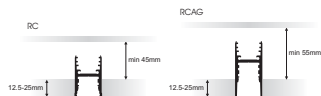
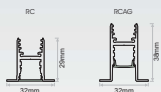
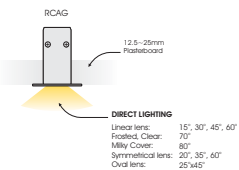
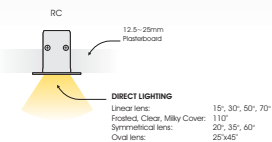
(Recessed/Recessed Antiglare)

- Liniline is a complete series of linear recessed, rimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 > 50,000h
- CREE LEDs: L90/B10 > 50,000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI0...1/DV1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours



### Outer Dimensions:

for Standard Models:  
32 x 54.2/79.2/104.2/129.2/154.2/179.2/204.2cm  
Cutting hole:  
22 x 53.2/78.2/103.2/128.2/153.2/178.2/203.2cm

for Superior Models:  
32 x 51.6/76.6/101.6/126.6/151.6/176.6/201.6cm  
Cutting hole:  
22 x 50.6/75.6/100.6/125.6/150.6/175.6/200.6cm

**Note:** Cutting hole must be 10mm shorter than the luminaire length.

Direct:  
Milky / Clear / Frosted cover



Direct:  
Linear lens



Direct:  
Symmetrical / Oval lens



Direct:  
Symmetrical / Oval lens





**LINILINE RC/RCAG**  
(Recessed/Recessed Antiglare)

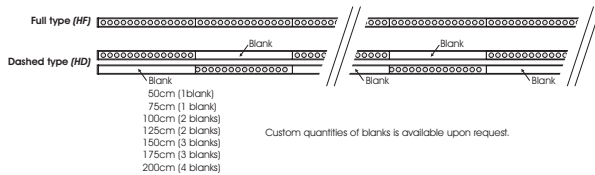


Standard Luminaire Colour:  
Custom Colours available upon request

**High density lenses**  
LINILINE RC/RCAG High efficiency



**Low density lenses**  
LINILINE RC/RCAG High efficiency



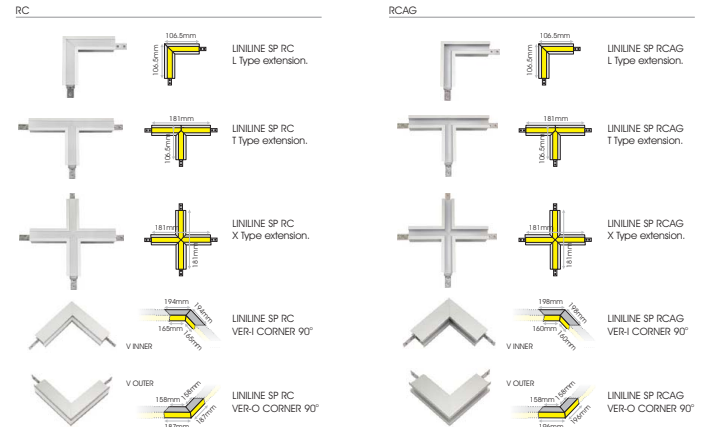
**LINILINE RC/RCAG**  
(Recessed/Recessed Antiglare)



The Superior series of Lineline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Lineline luminaires and accessories are made by built in in-out connectors and internal wiring.

**Extensions for Superior models**

**Note:** The referred dimensions of extensions are valid with 21W Nichia LED strip.





**LINLINE RECESSED**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
<b>LINLINE STANDARD RECESSED</b> (LINLINE ST RC)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80) > 90 (90)	<b>DIRECT LIGHTING</b> <b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	<b>Superior models****</b> 11W / 50cm (11W050) 15.7W / 75cm (15W075) 21W / 100cm (21W100) 26.3W / 125cm (26W125) 31.5W / 150cm (31W150) 36.3W / 175cm (36W175) 42W / 200cm (42W200)	24VDC (24)
<b>LINLINE SUPERIOR RECESSED</b> (LINLINE SP RC)				<b>With LED modules (CREE LEDs)</b> 20° Symmetrical lens (20SF) (20SD) (20LF) (20LD) 35° Symmetrical lens (35SF) (35SD) (35LF) (35LD) 60° Symmetrical lens (60SF) (60SD) (60LF) (60LD) 25°x45° Oval lens (40SF) (40SD) (45LF) (45LD)	<b>Standard models*****</b> 11W / 54.2cm (11W054) 15.7W / 79.2cm (15W079) 21W / 104.2cm (21W104) 26.3W / 129.2cm (26W129) 31.5W / 154.2cm (31W154) 36.3W / 179.2cm (36W179) 42W / 204.2cm (42W204)	

- \* Tunable white, RGB and RGBW models are available upon request (for daylight and for uplight)
- \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- \*\* Available in custom lengths, luminaire colours and power upon request.

- \*\*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power:  
(HF) High density Full 40W/m,  
(HD) High density Dashed 20W/m,  
(LF) Low density Full 21W/m,  
(LD) Low density Dashed 10.5W/m
- \*\*\*\* Dimension without end caps for Superior models (add 8mm for each end cap).
- \*\*\*\*\* Dimension with end caps.

Ordering Code Example: LINLINE ST RC-AN-3080-110M-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
<b>LINLINE SUPERIOR RECESSED L TYPE</b> (LINLINE SP RC-LT)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80) > 90 (90)	<b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	3.5W / 10,65x10,65cm (4W1111) 5.3W / 18,1x10,65cm (5W1811) 7W / 18,1x18,1cm (7W1818) 7W / 16,6x16,6cm (5W1717) 7W / 18,7x18,7cm (7W1919)	24VDC (24)
<b>LINLINE SUPERIOR RECESSED T TYPE</b> (LINLINE SP RC-TT)						
<b>LINLINE SUPERIOR RECESSED X TYPE</b> (LINLINE SP RC-XT)				<b>Models with symmetrical or oval lenses</b> Blank (BLK)		
<b>LINLINE SUPERIOR RECESSED VER-I TYPE</b> (LINLINE SP RC-VER-IT)						
<b>LINLINE SUPERIOR RECESSED VER-O TYPE</b> (LINLINE SP RC-VER-OT)						

- \* Tunable white, RGB and RGBW models are available upon request.
- \*\* The beam angle must be the same with the DIRECT beam angle of the luminaires.
- \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINLINE PD-LT-AN-3080-30L-4W1111-24



**LINLINE RECESSED ANTIGLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
<b>LINLINE STANDARD RECESSED ANTIGLARE</b> (LINLINE ST RC-AG)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80) > 90 (90)	<b>DIRECT LIGHTING</b> <b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	<b>Superior models****</b> 11W / 50cm (11W050) 15.7W / 75cm (15W075) 21W / 100cm (21W100) 26.3W / 125cm (26W125) 31.5W / 150cm (31W150) 36.3W / 175cm (36W175) 42W / 200cm (42W200)	24VDC (24)
<b>LINLINE SUPERIOR RECESSED ANTIGLARE</b> (LINLINE SP RC-AG)				<b>With LED modules (CREE LEDs)</b> 20° Symmetrical lens (20SF) (20SD) (20LF) (20LD) 35° Symmetrical lens (35SF) (35SD) (35LF) (35LD) 60° Symmetrical lens (60SF) (60SD) (60LF) (60LD) 25°x45° Oval lens (40SF) (40SD) (45LF) (45LD)	<b>Standard models*****</b> 11W / 54.2cm (11W054) 15.7W / 79.2cm (15W079) 21W / 104.2cm (21W104) 26.3W / 129.2cm (26W129) 31.5W / 154.2cm (31W154) 36.3W / 179.2cm (36W179) 42W / 204.2cm (42W204)	

- \* Tunable white, RGB and RGBW models are available upon request (for daylight and for uplight)
- \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- \*\* Available in custom lengths, luminaire colours and power upon request.

- \*\*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power:  
(HF) High density Full 40W/m,  
(HD) High density Dashed 20W/m,  
(LF) Low density Full 21W/m,  
(LD) Low density Dashed 10.5W/m
- \*\*\*\* Dimension without end caps for Superior models (add 8mm for each end cap).
- \*\*\*\*\* Dimension with end caps.

Ordering Code Example: LINLINE ST RC-AG-AN-3080-70F-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
<b>LINLINE SUPERIOR RECESSED ANTIGLARE L TYPE</b> (LINLINE SP RC-AG-LT)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80) > 90 (90)	<b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	3.5W / 10,65x10,65cm (4W1111) 5.3W / 10,65x18,1cm (5W1818) 7W / 18,1x18,1cm (7W1818) 7W / 16x16cm (5W1616) 7W / 19,6x19,6cm (7W2020)	24VDC (24)
<b>LINLINE SUPERIOR RECESSED ANTIGLARE T TYPE</b> (LINLINE SP RC-AG-TT)						
<b>LINLINE SUPERIOR RECESSED ANTIGLARE X TYPE</b> (LINLINE SP RC-AG-XT)				<b>Models with symmetrical or oval lenses</b> Blank (BLK)		
<b>LINLINE SUPERIOR RECESSED ANTIGLARE VER-I TYPE</b> (LINLINE SP RC-AG-VER-IT)						
<b>LINLINE SUPERIOR RECESSED ANTIGLARE VER-O TYPE</b> (LINLINE SP RC-AG-VER-OT)						

- \* Tunable white, RGB and RGBW models are available upon request.
- \*\* The beam angle must be the same with the DIRECT beam angle of the luminaires.
- \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINLINE SP RC-AG-LT-AN-3080-30L-4W1111-24



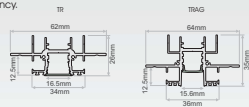
# LINILINE TR/TRAG

(Trimless/Trimless Antiglare)



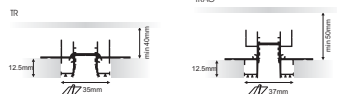
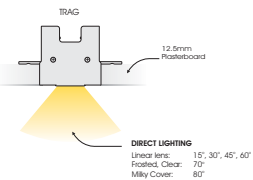
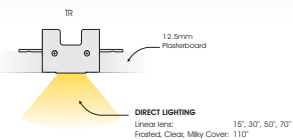
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 > 50.000h
- Cree LEDs: L90/B10 > 50.000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DAU(0...10V)/1...10V/DMX512/PHASE CUT/RR/PUSH BUTTON/Bluetooth



**Available upon request:**

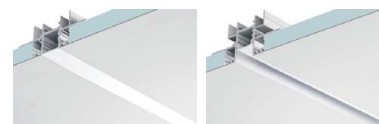
- ✓ Custom dimensions
- ✓ Custom luminaire colours



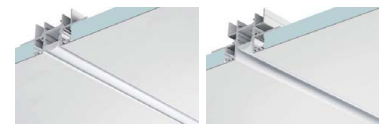
# LINILINE TR/TRAG

(Trimless/Trimless Antiglare)

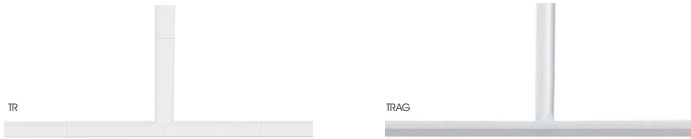
Direct:  
Milky / Clear / Frosted cover



Direct:  
Linear lens



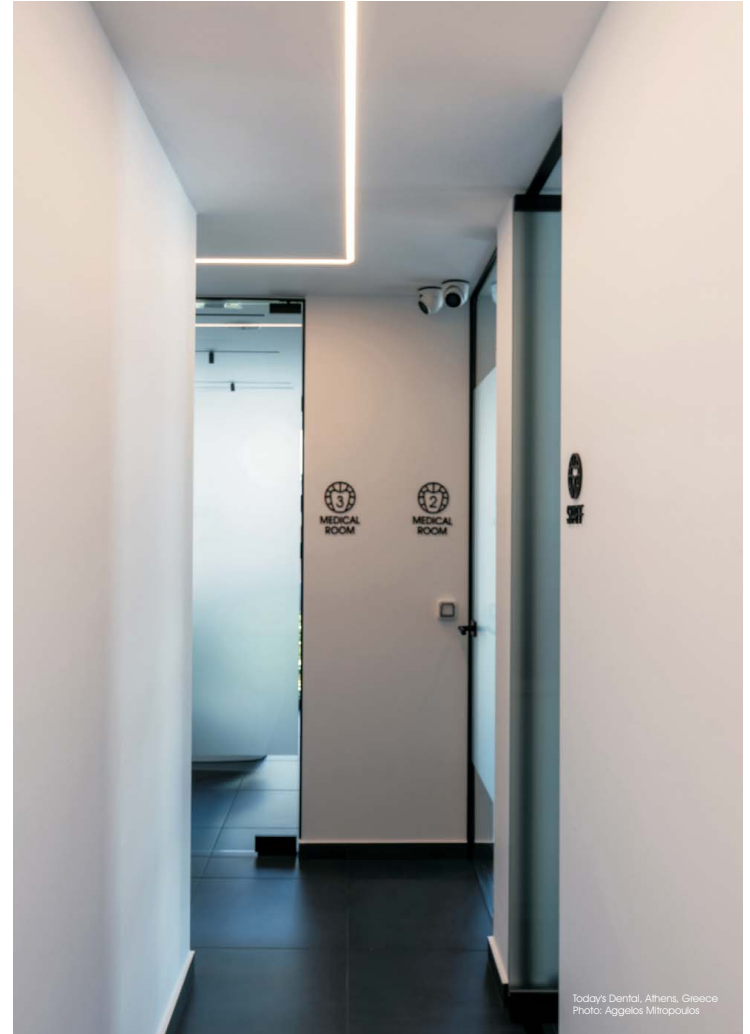
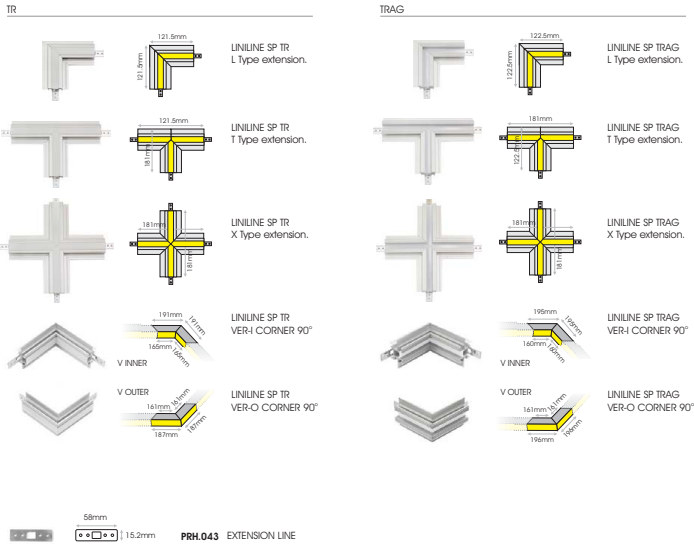
**LINILINE TR/TRAG**  
(Timeless/Timeless Antiflare)



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by build in in-out connectors and internal wiring.

**Extensions for Superior models**

Note: The referred dimensions of extensions are valid with 21W Nichia LED strip.



Today's Dental, Athens, Greece  
Photo: Aggelos Mitropoulos



**LINILINE TRIMLESS**



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
<b>LINILINE STANDARD TRIMLESS</b> (LINILINE ST TR)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27)	>80 (80) >90 (90)	<b>DIRECT LIGHTING</b> <b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	<b>Superior models***</b> 11W / 50cm (11W050) 15.7W / 75cm (15W075) 21W / 103cm (21W103) 26.3W / 125cm (26W125) 31.5W / 150cm (31W150) 36.3W / 175cm (36W175) 42W / 200cm (42W200)	24VDC (24)
<b>LINILINE SUPERIOR TRIMLESS</b> (LINILINE SP TR)		3000K (30) 4000K (40) 5700K (57)			<b>Standard models****</b> 11W / 53cm (11W053) 15.7W / 78cm (15W078) 21W / 103cm (21W103) 26.3W / 128cm (26W128) 31.5W / 153cm (31W153) 36.3W / 178cm (36W178) 42W / 203cm (42W203)	

\* Tunable white, RGB and RGBW models are available upon request for downlight and for uplight  
 \*\* Available in custom lengths, luminaire colours and power upon request.  
 \*\*\* Dimension without end caps for Superior models (add 1.5mm for each end cap).  
 \*\*\*\* Dimension with end caps.

Ordering Code Example: LINILINE ST TR-AN-3080-110M-42W200-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt*** / Length	Voltage
<b>LINILINE SUPERIOR TRIMLESS L TYPE</b> (LINILINE SP TR-LT)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	3.5W / 12,15x12,15cm (4W1212)  5.3W / 12,15x18,1cm (5W1218)  7W / 18,1x18,1cm (7W1818)  7W / 16,5x16,5cm (7W1717)  7W / 18,7x18,7cm (7W1919)	24VDC (24)
<b>LINILINE SUPERIOR TRIMLESS T TYPE</b> (LINILINE SP TR-TT)						
<b>LINILINE SUPERIOR TRIMLESS X TYPE</b> (LINILINE SP TR-XT)						
<b>LINILINE SUPERIOR TRIMLESS VER-I TYPE</b> (LINILINE SP TR-VER-I)						
<b>LINILINE SUPERIOR TRIMLESS VER-O TYPE</b> (LINILINE SP TR-VER-OT)						

\* Tunable white, RGB and RGBW models are available upon request.  
 \*\* The beam angle must be the same with the DIRECT beam angle of the luminaire.  
 \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP TR-LT-AN-3080-30L-4W1010-24



**LINILINE TRIMLESS ANTIGLARE**



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
<b>LINILINE STANDARD TRIMLESS ANTIGLARE</b> (LINILINE ST TR-AG)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>DIRECT LIGHTING</b> <b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 45° Linear lens (45L) 60° Linear lens (60L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	<b>Superior models***</b> 11W / 50cm (11W050) 15.7W / 75cm (15W075) 21W / 103cm (21W103) 26.3W / 125cm (26W125) 31.5W / 150cm (31W150) 36.3W / 175cm (36W175) 42W / 200cm (42W200)	24VDC (24)
<b>LINILINE SUPERIOR TRIMLESS ANTIGLARE</b> (LINILINE SP TR-AG)					<b>Standard models****</b> 11W / 53cm (11W053) 15.7W / 78cm (15W078) 21W / 103cm (21W103) 26.3W / 128cm (26W128) 31.5W / 153cm (31W153) 36.3W / 178cm (36W178) 42W / 203cm (42W203)	

\* Tunable white, RGB and RGBW models are available upon request for downlight and for uplight  
 \*\* Available in custom lengths, luminaire colours and power upon request.  
 \*\*\* Dimension without end caps for Superior models (add 1.5mm for each end cap).  
 \*\*\*\* Dimension with end caps.

Ordering Code Example: LINILINE ST TRAG-AN-3080-70F-36W175-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt*** / Length	Voltage
<b>LINILINE SUPERIOR TRIMLESS ANTIGLARE L TYPE</b> (LINILINE SP TR-AG-LT)	Anodized (AN) White (WH) Black (BL)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 45° Linear lens (45L) 60° Linear lens (60L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	3.5W / 12,25x12,25cm (4W1212)  5.3W / 12,25x18,1cm (5W1218)  7W / 18,1x18,1cm (7W1818)  7W / 16x16cm (7W1616)  7W / 19,6x19,6cm (7W2020)	24VDC (24)
<b>LINILINE SUPERIOR TRIMLESS ANTIGLARE T TYPE</b> (LINILINE SP TR-AG-TT)						
<b>LINILINE SUPERIOR TRIMLESS ANTIGLARE X TYPE</b> (LINILINE SP TR-AG-XT)						
<b>LINILINE SUPERIOR TRIMLESS ANTIGLARE VER-I TYPE</b> (LINILINE SP TR-AG-VER-I)						
<b>LINILINE SUPERIOR TRIMLESS ANTIGLARE VER-O TYPE</b> (LINILINE SP TR-AG-VER-OT)						

\* Tunable white, RGB and RGBW models are available upon request.  
 \*\* The beam angle must be the same with the DIRECT beam angle of the luminaire.  
 \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP TRAG-LT-AN-3080-30L-4W1010-24

# LINILINE SF/SFAG

(Surface/Surface Antiglare)

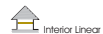
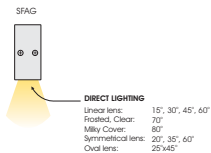
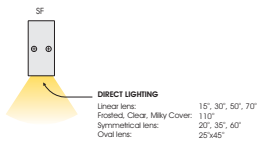


- Liniline is a complete series of linear recessed, timeless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 > 50.000h
- CREE LEDs: L90/B10 > 50.000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



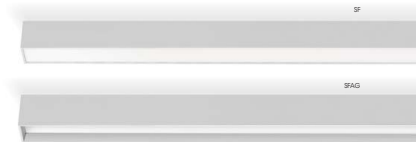
- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours



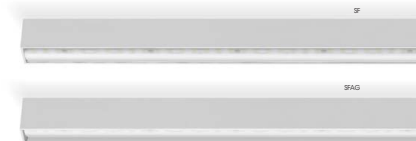
# LINILINE SF/SFAG

(Surface/Surface Antiglare)

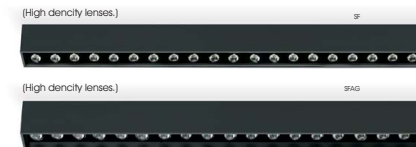
Direct:  
Milky / Clear / Frosted cover



Direct:  
Linear lens



Direct:  
Symmetrical / Oval lens



Direct:  
Symmetrical / Oval lens



**LINILINE SF/SFAG**  
(Surface/Surface Antiglare)



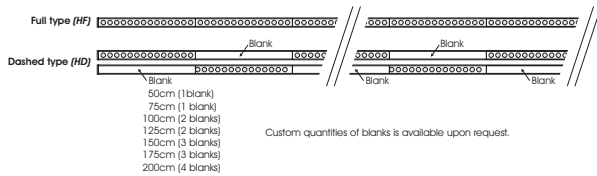
Standard Luminaire Colours:  
Custom Colours available upon request



**High density lenses**  
LINILINE SF/SFAG High efficiency



**Low density lenses**  
LINILINE SF/SFAG High efficiency



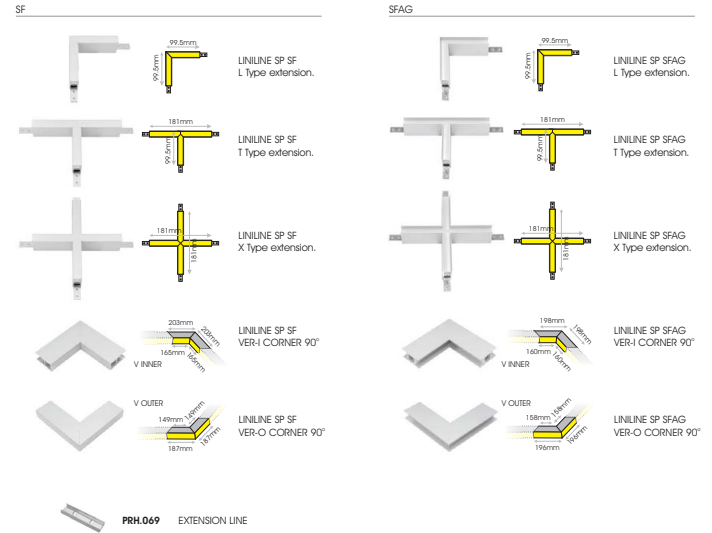
**LINILINE SF/SFAG**  
(Surface/Surface Antiglare)



The Superior series of Lineline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Lineline luminaires and accessories are made by built in in-out connectors and internal wiring.

**Extensions for Superior models**

**Note:** The referred dimensions of extensions are valid with 21W Nichia LED strip.



**LINILINE SF/SFAG**  
(Surface/Surface Antiglare)



Interior Linear



Interior Linear

**LINILINE SF/SFAG**  
(Surface/Surface Antiglare)

**LINILINE SURFACE**



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
<b>LINILINE STANDARD SURFACE</b> (LINILINE ST SF)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>DIRECT LIGHTING</b> <b>With LED strip (Nichia LED)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	<b>Superior models****</b> 11W / 50cm (11W050) 15.7W / 75cm (15W075) 21W / 100cm (21W100) 26.3W / 125cm (26W125) 31.5W / 150cm (32W150) 36.3W / 175cm (36W175) 42W / 200cm (42W200)	24VDC (24)
<b>LINILINE SUPERIOR SURFACE</b> (LINILINE SP SF)				<b>With LED modules (CREE LED)</b> 20° Symmetrical lens (20HF) (20HD) (20LF) (20LD) 35° Symmetrical lens (35HF) (35HD) (35LF) (35LD) 60° Symmetrical lens (60HF) (60HD) (60LF) (60LD) 25°x45° Oval lens (45HF) (45HD) (45LF) (45LD)	<b>Standard models****</b> 11W / 53cm (11W053) 15.7W / 78cm (15W078) 21W / 103cm (21W103) 26.3W / 128cm (26W128) 31.5W / 153cm (32W153) 36.3W / 178cm (36W178) 42W / 203cm (42W203)	

- \* Tunable white, RGB and RGBW models are available upon request (for daylight and/or uplight)
- \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- \*\*\* Available in custom lengths, luminaire colours and power upon request.

- \*\*\*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Module's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD) Symmetrical / Oval lens module power:  
(HF) High density Full 40W/m,  
(HD) High density Dashed 23W/m,  
(LF) Low density Full 21W/m,  
(LD) Low density Dashed 10.5W/m
- \*\*\*\*\* Dimension without end caps for Superior models (add 2mm for each end cap).
- \*\*\*\*\* Dimension with end caps.

Ordering Code Example: LINILINE ST SF-AN-3080-110M-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt / Length***	Voltage
<b>LINILINE SUPERIOR SURFACE L TYPE</b> (LINILINE SP SF-L)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>With LED strip (Nichia LED)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	3.5W / 9.95x9.95cm (4W1010) 5.3W / 9.95x18,1cm (5W1018) 7W / 18,1x18,1cm (7W1818) 7W / 16,5x16,5cm (5W1018) 7W / 18,7x18,7cm (7W1818)	24VDC (24)
<b>LINILINE SUPERIOR SURFACE T TYPE</b> (LINILINE SP SF-T)						
<b>LINILINE SUPERIOR SURFACE X TYPE</b> (LINILINE SP SF-X)				<b>Models with symmetrical or oval lenses</b> Blank (BK)		
<b>LINILINE SUPERIOR SURFACE VER-1 TYPE</b> (LINILINE SP SF-VER-1)						
<b>LINILINE SUPERIOR SURFACE VER-O TYPE</b> (LINILINE SP SF-VER-O)						

- \* Tunable white, RGB and RGBW models are available upon request.
- \*\* The beam angle must be the same with the DIRECT beam angle of the luminaires.
- \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP SF-LT-AN-3080-30L-4W1010-24

**LINILINE SURFACE ANTI GLARE**



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage
<b>LINILINE STANDARD SURFACE ANTI GLARE</b> (LINILINE ST SF-AG)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>DIRECT LIGHTING</b> <b>With LED strip (Nichia LED)</b> 15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	<b>Superior models****</b> 11W / 50cm (11W050) 15.7W / 75cm (15W075) 21W / 100cm (21W100) 26.3W / 125cm (26W125) 31.5W / 150cm (32W150) 36.3W / 175cm (36W175) 42W / 200cm (42W200)	24VDC (24)
<b>LINILINE SUPERIOR SURFACE ANTI GLARE</b> (LINILINE SP SF-AG)				<b>With LED modules (CREE LED)</b> 20° Symmetrical lens (20HF) (20HD) (20LF) (20LD) 35° Symmetrical lens (35HF) (35HD) (35LF) (35LD) 60° Symmetrical lens (60HF) (60HD) (60LF) (60LD) 25°x45° Oval lens (45HF) (45HD) (45LF) (45LD)	<b>Standard models****</b> 11W / 53cm (11W053) 15.7W / 78cm (15W078) 21W / 103cm (21W103) 26.3W / 128cm (26W128) 31.5W / 153cm (32W153) 36.3W / 178cm (36W178) 42W / 203cm (42W203)	

- \* Tunable white, RGB and RGBW models are available upon request (for daylight and/or uplight)
- \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- \*\*\* Available in custom lengths, luminaire colours and power upon request.

- \*\*\*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Module's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD) Symmetrical / Oval lens module power:  
(HF) High density Full 40W/m,  
(HD) High density Dashed 23W/m,  
(LF) Low density Full 21W/m,  
(LD) Low density Dashed 10.5W/m
- \*\*\*\*\* Dimension without end caps for Superior models (add 2mm for each end cap).
- \*\*\*\*\* Dimension with end caps.

Ordering Code Example: LINILINE ST SF-AG-AN-3080-70F-32W150-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Watt / Length***	Voltage
<b>LINILINE SUPERIOR SURFACE ANTI GLARE L TYPE</b> (LINILINE SP SF-AG-L)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	>80 (80) >90 (90)	<b>With LED strip (Nichia LEDs)</b> 15° Linear lens (15L) 30° Linear lens (30L) 45° Linear lens (45L) 60° Linear lens (60L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	3.5W / 9.95x9.95cm (4W1010) 5.3W / 9.95x18,1cm (5W1018) 7W / 18,1x18,1cm (7W1818) 7W / 16x16cm (7W1616) 7W / 19,6x19,6cm (7W2020)	24VDC (24)
<b>LINILINE SUPERIOR SURFACE ANTI GLARE T TYPE</b> (LINILINE SP SF-AG-T)						
<b>LINILINE SUPERIOR SURFACE ANTI GLARE X TYPE</b> (LINILINE SP SF-AG-X)				<b>Models with symmetrical or oval lenses</b> Blank (BK)		
<b>LINILINE SUPERIOR SURFACE ANTI GLARE VER-1 TYPE</b> (LINILINE SP SF-AG-VER-1)						
<b>LINILINE SUPERIOR SURFACE ANTI GLARE VER-O TYPE</b> (LINILINE SP SF-AG-VER-O)						

- \* Tunable white, RGB and RGBW models are available upon request.
- \*\* The beam angle must be the same with the DIRECT beam angle of the luminaires.
- \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP SF-AG-LT-AN-3080-30L-4W1010-24





# LINILINE PD/PDAG

(Pendant/Pendant Antiglare)

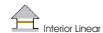
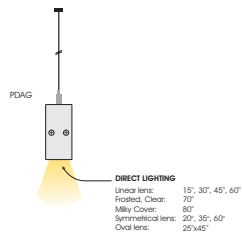
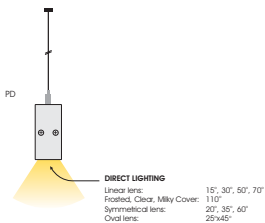


- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 > 50.000h
- CREE LEDs: L90/B10 > 50.000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/R/PUSH BUTTON/Bluetooth



- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours



# LINILINE PD/PDAG

(Pendant/Pendant Antiglare)

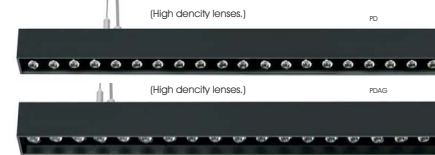
Direct:  
Milky / Clear / Frosted cover



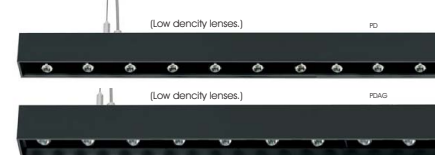
Direct:  
Linear lens



Direct:  
Symmetrical / Oval lens



Direct:  
Symmetrical / Oval lens





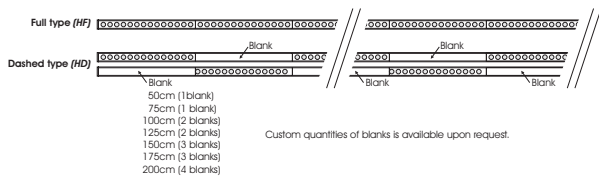
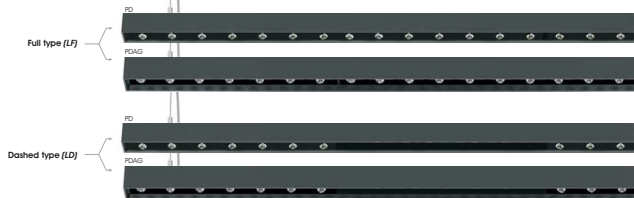
Standard Luminaire Colours:  
Custom Colours available upon request



**High density lenses**  
LINILINE PD/PDAG High efficiency



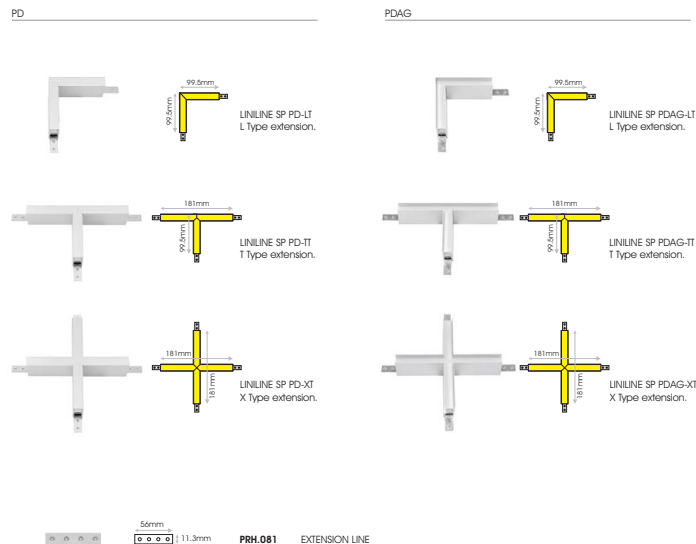
**Low density lenses**  
LINILINE PD/PDAG High efficiency



The Superior series of Liniline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Liniline luminaires and accessories are made by built in in-out connectors and internal wiring.

**Extensions for Superior models**

**Note:** The referred dimensions of extensions are valid with 21W Nichia LED strip.



**LINILINE PD/PDAG**  
(Pendant/Pendant Antigravie)



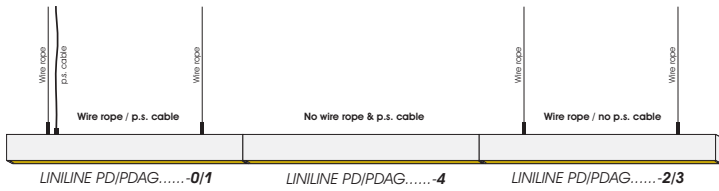
PD



PDAG



Build-in connectors and internal wiring for electrical connection of Superior luminaires.

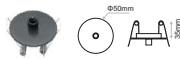


Order code example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions. The second and third luminaire supplied from the first through build-in connectors and internal wiring.

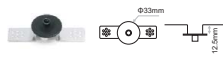
**Canopy**



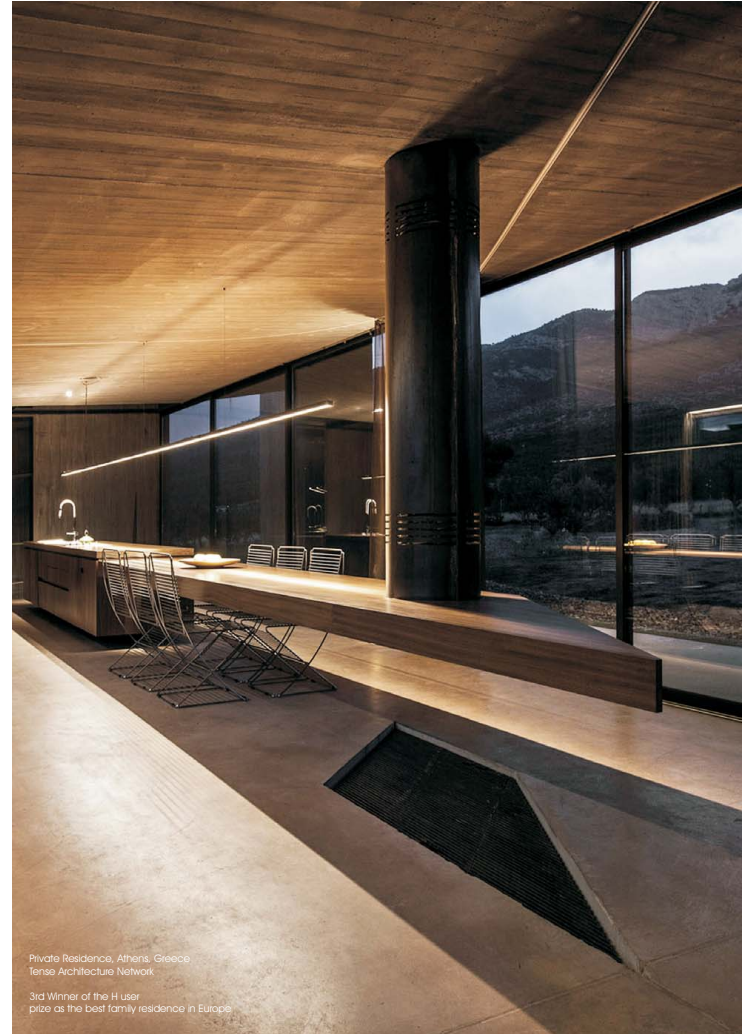
**PRH.039** Canopy Surface WHITE  
**PRH.082** Canopy Surface BLACK  
**PRH.085** Canopy Surface LIGHT GREY



**PRH.040** Canopy Recessed WHITE  
**PRH.083** Canopy Recessed BLACK  
**PRH.086** Canopy Recessed LIGHT GREY



**PRH.041** Canopy Tirmless WHITE  
**PRH.084** Canopy Tirmless BLACK  
**PRH.087** Canopy Tirmless LIGHT GREY



Private Residence, Athens, Greece  
Tense Architecture Network

3rd Winner of the H user  
prize as the best family residence in Europe

**LINILINE PD/PDAG**  
(Pendant/Pendant Antiglare)



**LINILINE PD/PDAG**  
(Pendant/Pendant Antiglare)

**LINILINE PENDANT**



**LINILINE PENDANT ANTIGLARE**



Model	Luminaire Colour	CCT*	CRI	Beam Angle	Wall** / Length**	Voltage	Extras	
<b>DIRECT LIGHTING</b>								
<b>LINILINE STANDARD PENDANT</b> (LINILINE ST PD)	Anodized (AN)	2000K (20)	> 80 (80)	<b>With LED strip (Nichia LED)</b>	11W / 50cm (11W050)	24VDC (24)	<b>Wire Rope Length &amp; p.s. cable</b>	
	White (WH)	2500K (25)	> 90 (90)	15° Linear lens (15L)	15.7W / 75cm (15W075)		<b>Superior models****</b>	1.5m / p.s. cable (3)
	Black (BL)	2700K (27)		30° Linear lens (30L)	21W / 100cm (21W100)			3m / p.s. cable (1)
		3000K (30)		50° Linear lens (50L)	26.3W / 125cm (26W125)			3m / no p.s.cable (3)
<b>LINILINE SUPERIOR PENDANT</b> (LINILINE SP PD)		4000K (40)		70° Linear lens (70L)	31.5W / 150cm (32W150)		No w/rope & p.s.cable (4)	
		5700K (57)		110° Frosted Cover (110F)	36.3W / 175cm (36W175)			
				110° Clear Cover (110C)	42W / 200cm (42W200)			
				110° Milky Cover (110M)				
<b>With LED modules (CREE LED)</b>								
				20° Symmetrical lens (20HF) (20HD) (20LF) (20LD)	11W / 53cm (11W053)		<b>Standard models****</b>	
				35° Symmetrical lens (35HF) (35HD) (35LF) (35LD)	15.7W / 78cm (15W078)		1.5m / p.s. cable (5)	
				60° Symmetrical lens (60HF) (60HD) (60LF) (60LD)	21W / 103cm (21W103)		without in-out int.wiring (5)	
				25°x45° Oval lens (45HF) (45HD) (45LF) (45LD)	26.3W / 128cm (26W128)			
					31.5W / 153cm (32W153)			
					36.3W / 178cm (36W178)			
					42W / 203cm (42W203)			

\* Tunable white, RGB and RGBW models are available upon request (for downtight and/or uplight).  
 \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.  
 \*\*\* Available in custom lengths, luminaire colour and power upon request.

\*\*\*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power:  
 (HF) High density Full 40W/m,  
 (HD) High density Dashed 20W/m,  
 (LF) Low density Full 21W/m,  
 (LD) Low density Dashed 10.5W/m  
 \*\*\*\*\* Dimensions without end caps. Add 2mm for each end cap.  
 \*\*\*\*\* Dimensions with end caps.

Ordering Code Example: LINILINE SP PD-AN-3080-35LF-32W150-24-0

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Wall** / Length**	Voltage	Extras	
<b>DIRECT LIGHTING</b>								
<b>LINILINE STANDARD PENDANT ANTIGLARE</b> (LINILINE ST PDAG)	Anodized (AN)	2000K (20)	> 80 (80)	<b>With LED strip (Nichia LED)</b>	11W / 50cm (11W050)	24VDC (24)	<b>Wire Rope Length &amp; p.s. cable</b>	
	White (WH)	2500K (25)	> 90 (90)	15° Linear lens (15L)	15.7W / 75cm (15W075)		<b>Superior models****</b>	1.5m / p.s. cable (3)
	Black (BL)	2700K (27)		30° Linear lens (30L)	21W / 100cm (21W100)			3m / p.s. cable (1)
		3000K (30)		50° Linear lens (50L)	26.3W / 125cm (26W125)			3m / no p.s.cable (3)
<b>LINILINE SUPERIOR PENDANT ANTIGLARE</b> (LINILINE SP PDAG)		4000K (40)		70° Linear lens (70L)	31.5W / 150cm (32W150)		No w/rope & p.s.cable (4)	
		5700K (57)		110° Frosted Cover (110F)	36.3W / 175cm (36W175)			
				110° Clear Cover (110C)	42W / 200cm (42W200)			
				110° Milky Cover (110M)				
<b>With LED modules (CREE LED)</b>								
				20° Symmetrical lens (20HF) (20HD) (20LF) (20LD)	11W / 53cm (11W053)		<b>Standard models****</b>	
				35° Symmetrical lens (35HF) (35HD) (35LF) (35LD)	15.7W / 78cm (15W078)		1.5m / p.s. cable (5)	
				60° Symmetrical lens (60HF) (60HD) (60LF) (60LD)	21W / 103cm (21W103)		without in-out int.wiring (5)	
				25°x45° Oval lens (45HF) (45HD) (45LF) (45LD)	26.3W / 128cm (26W128)			
					31.5W / 153cm (32W153)			
					36.3W / 178cm (36W178)			
					42W / 203cm (42W203)			

\* Tunable white, RGB and RGBW models are available upon request (for downtight and/or uplight).  
 \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.  
 \*\*\* Available in custom lengths, luminaire colour and power upon request.

\*\*\*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF). Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power:  
 (HF) High density Full 40W/m,  
 (HD) High density Dashed 20W/m,  
 (LF) Low density Full 21W/m,  
 (LD) Low density Dashed 10.5W/m  
 \*\*\*\*\* Dimensions without end caps. Add 2mm for each end cap.  
 \*\*\*\*\* Dimensions with end caps.

Ordering Code Example: LINILINE ST PDAG-AN-3080-35LF-32W150-24-3

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Wall / Length***	Voltage
<b>LINILINE SUPERIOR PENDANT L TYPE</b> (LINILINE SP PD-LT)	Anodized (AN)	2000K (20)	> 80 (80)	<b>With LED strip (Nichia LED)</b>	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)	15° Linear lens (15L)	5.3W / 9.95x18.1cm (5W1018)	
	Black (BL)	2700K (27)		30° Linear lens (30L)		
		3000K (30)		50° Linear lens (50L)		
<b>LINILINE SUPERIOR PENDANT T TYPE</b> (LINILINE SP PD-TT)		4000K (40)		70° Linear lens (70L)		7W / 18.1x18.1cm (7W1818)
		5700K (57)		110° Frosted Cover (110F)		
				110° Clear Cover (110C)		
				110° Milky Cover (110M)		
<b>LINILINE SUPERIOR PENDANT X TYPE</b> (LINILINE SP PD-XT)	<b>Models with symmetrical or oval lenses</b>				Blank (BLK)	
	Blank (BLK)					

\* Tunable white, RGB and RGBW models are available upon request.  
 \*\* The beam angle must be the same with the DIRECT beam angle of the luminaires.  
 \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PD-LT-AN-3080-30L-4W1010-24

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle**	Wall / Length***	Voltage
<b>LINILINE SUPERIOR PENDANT ANTIGLARE L TYPE</b> (LINILINE SP PDAG-LT)	Anodized (AN)	2000K (20)	> 80 (80)	<b>With LED strip (Nichia LED)</b>	3.5W / 9.95x9.95cm (4W1010)	24VDC (24)
	White (WH)	2500K (25)	> 90 (90)	15° Linear lens (15L)	5.3W / 9.95x18.1cm (5W1018)	
	Black (BL)	2700K (27)		30° Linear lens (30L)		
		3000K (30)		50° Linear lens (50L)		
<b>LINILINE SUPERIOR PENDANT ANTIGLARE T TYPE</b> (LINILINE SP PDAG-TT)		4000K (40)		70° Linear lens (70L)		7W / 18.1x18.1cm (7W1818)
		5700K (57)		110° Frosted Cover (110F)		
				110° Clear Cover (110C)		
				110° Milky Cover (110M)		
<b>LINILINE SUPERIOR PENDANT ANTIGLARE X TYPE</b> (LINILINE SP PDAG-XT)	<b>Models with symmetrical or oval lenses</b>				Blank (BLK)	
	Blank (BLK)					

\* Tunable white, RGB and RGBW models are available upon request.  
 \*\* The beam angle must be the same with the DIRECT beam angle of the luminaires.  
 \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PDAG-LT-AN-3080-30L-4W1010-24



# LINILINE PDDI/PDDIAG

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



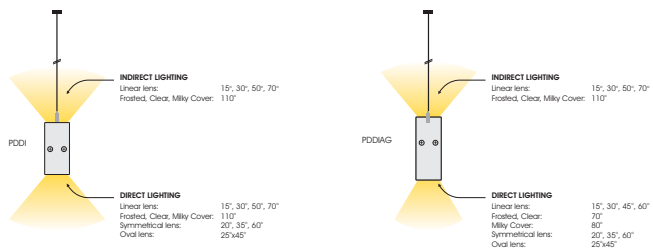
- Liniline is a complete series of linear recessed, fitless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: 190/B10 > 50.000h
- CREE LEDs: 190/B10 > 50.000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DAU/0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



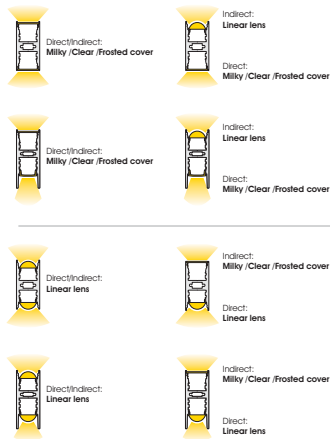
**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours



# LINILINE PDDI/PDDIAG

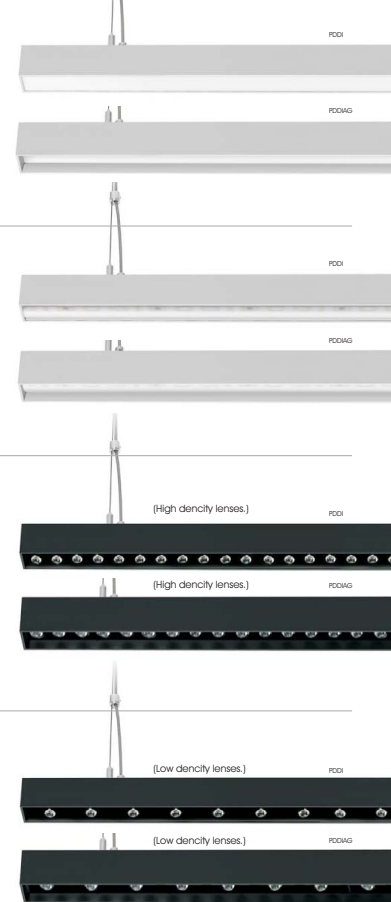
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



Direct: Symmetrical / Oval lens



Direct: Symmetrical / Oval lens

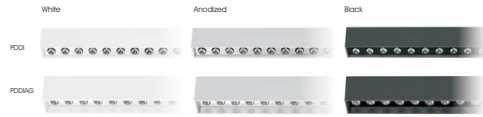


## LINILINE PDDI/PDDIAG

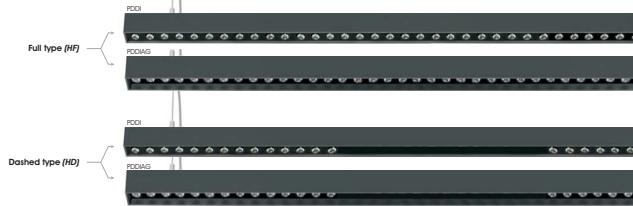
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



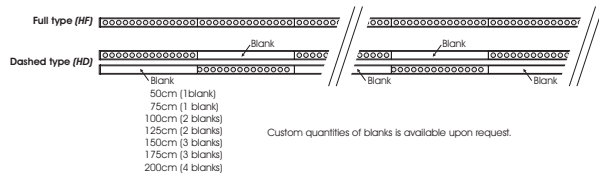
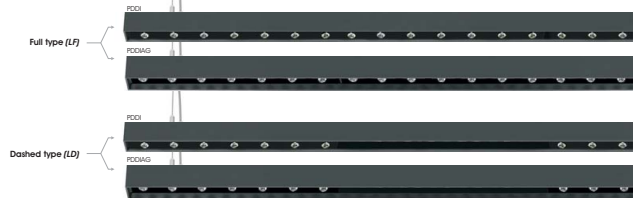
Standard Luminaire Colours:  
Custom Colours available upon request



**High density lenses**  
LINILINE PDDI/PDDIAG High efficiency



**Low density lenses**  
LINILINE PDDI/PDDIAG High efficiency



## LINILINE PDDI/PDDIAG

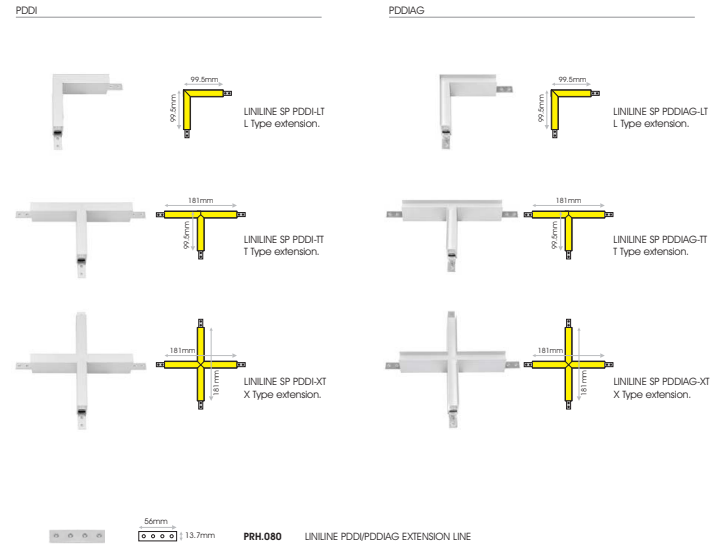
(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



The Superior series of Lineline luminaires can be combined with a variety of extensions to deliver an excellent seamless installation. Electrical connections between Superior series Lineline luminaires and accessories are made by built in in-out connectors and internal wiring.

### Extensions for Superior models

**Note:** The referred dimensions of extensions are valid with 21W Nichia LED strip.



**LINILINE PDDI/PDDIAG**

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiflare)



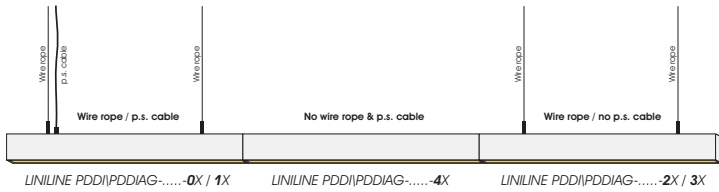
PDDI



PDDIAG

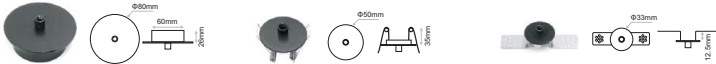


Build-in connectors and internal wiring for electrical connection of Superior luminaires.



Example of using wire rope length & p.s. cable options on 3 Superior luminaires, connected with line extensions. The second and third luminaire supplied from the first through build-in connectors and internal wiring.

**Canopy**



**PRH.039** Canopy Surface WHITE

**PRH.082** Canopy Surface BLACK

**PRH.085** Canopy Surface LIGHT GREY

**PRH.040** Canopy Recessed WHITE

**PRH.083** Canopy Recessed BLACK

**PRH.086** Canopy Recessed LIGHT GREY

**PRH.041** Canopy Tireless WHITE

**PRH.084** Canopy Tireless BLACK

**PRH.087** Canopy Tireless LIGHT GREY



Terraced (Athens) / Greece  
Lighting design: Isao Design Ltd  
Architect: Ioanna Zafiriadou  
Photo: Gianni Papadimitriou

**AWARDS**  
**(d'arche awards)** Structures (Low Budget) 2022: Second Place

**LINILINE PDDI/PDDIAG**

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



Interior Linear



**LINILINE PENDANT Direct-Indirect**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage	Extras
<b>LINILINE STANDARD</b>	Anodized (AN)	2000K (20)	>80 (80)	<b>DIRECT LIGHTING</b> (70°/100°)	<b>Superior models****</b> 15.8W / 50cm (16W050)	24VDC (24)	<b>Wire Rope Length &amp; p.s. cable</b>
<b>PENDANT</b>	White (WH)	2500K (25)	>90 (90)	<b>INDIRECT LIGHTING</b> (XX)	26.3W / 75cm (26W075)		<b>Superior models</b> 1.5m / p.s. cable (0) 3m / p.s. cable (1)
<b>DIRECT/INDIRECT</b>	Black (BL)	3000K (30)		<b>DIRECT &amp; INDIRECT beam angle options</b>	36.8W / 100cm (37W100)		<b>Standard models</b> 1.5m / no p.s.cable (2) 3m / no p.s.cable (3) No wrap & p.s.cable (4)
(LINILINE ST PDDI)	Black (BL)	4000K (40)		<b>With LED strip (Nichia LED)</b>	47.3W / 125cm (47W125)		<b>Standard models</b> 50° Linear lens (50L) 30° Linear lens (30L) 70° Linear lens (70L) 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
		5700K (57)		<b>DIRECT only beam angle options</b>	57.8W / 150cm (58W150)		<b>Direct, indirect control</b> for both sides for Direct & indirect side, separately (0) (1)
				<b>With LED modules (CREE LED)</b>	68.3W / 175cm (68W175)		
				<b>20° Symmetrical lens (35HF) (35HF) (35LF) (20LD)</b>	78.8W / 200cm (79W200)		
				<b>35° Symmetrical lens (35HF) (35HF) (35LF) (35LD)</b>			
				<b>60° Symmetrical lens (60HF) (60HF) (60LF) (60LD)</b>			
				<b>25°x45° Oval lens (45HF) (45HF) (45LF) (45LD)</b>			

\* Tunable white, RGB and RGBW models are available upon request (for downlight and for uplight).  
 \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.  
 \*\*\* Available in custom lengths, luminaire colours and power upon request.  
 \*\*\*\* Dimensions without end caps. Add 2mm for each end cap.  
 \*\*\*\*\* Dimensions with end caps.  
 \*\* The power refers to all models with 21W Nichia LED strip and/or Low density Full lenses (LF).  
 Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power.  
 (HF) High density Full 40W/m,  
 (HD) High density Dashed 20W/m,  
 (LF) Low density Full 21W/m,  
 (LD) Low density Dashed 10.5W/m  
 \*\*\*\*\* Dimensions without end caps. Add 2mm for each end cap.  
 \*\*\*\*\* Dimensions with end caps.

Ordering Code Example: LINILINE ST PDDI-AN-3080-35LF100M-58W150-24-11

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
<b>LINILINE SUPERIOR PENDANT DIRECT/INDIRECT L TYPE</b>	Anodized (AN)	2000K (20)	>80 (80)	<b>With LED strip (Nichia LED)</b> (70°/100°)	3.5W / 9,95x9,95cm (4W1010)	24VDC (24)
	White (WH)	2500K (25)	>90 (90)	15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 70° Linear lens (70L)	5.3W / 9,95x18,1cm (5W1018)	
	Black (BL)	3000K (30)		110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)	7W / 18,1x18,1cm (7W1818)	
<b>LINILINE SUPERIOR PENDANT DIRECT/INDIRECT T TYPE</b>				<b>Models with symmetrical or oval lenses</b> Blank (BLK)		

\* Tunable white, RGB and RGBW models are available upon request.  
 \*\* The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.  
 \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PDDI-LT-AN-3080-30L-4W1010-24



Interior Linear

**LINILINE PDDI/PDDIAG**

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



**LINILINE PENDANT Direct-INDIRECT ANTI GLARE**

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt** / Length**	Voltage	Extras
<b>LINILINE STANDARD</b>	Anodized (AN)	2000K (20)	>80 (80)	<b>DIRECT LIGHTING</b> (70°/100°)	<b>Superior models****</b> 15.8W / 50cm (16W050)	24VDC (24)	<b>Wire Rope Length &amp; p.s. cable</b>
<b>PENDANT</b>	White (WH)	2500K (25)	>90 (90)	<b>INDIRECT LIGHTING</b> (XX)	26.3W / 75cm (26W075)		<b>Superior models</b> 1.5m / p.s. cable (0) 3m / p.s. cable (1)
<b>DIRECT/INDIRECT ANTI GLARE</b>	Black (BL)	3000K (30)		<b>DIRECT LIGHTING</b>	36.8W / 100cm (37W100)		<b>Standard models</b> 1.5m / no p.s.cable (2) 3m / no p.s.cable (3) No wrap & p.s.cable (4)
(LINILINE ST PDDIAG)	Black (BL)	4000K (40)		<b>With LED strip (Nichia LED)</b>	47.3W / 125cm (47W125)		<b>Standard models</b> 50° Linear lens (50L) 30° Linear lens (30L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)
		5700K (57)		<b>With LED modules (CREE LED)</b>	57.8W / 150cm (58W150)		<b>Standard models</b> 60° Linear lens (60L) 70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)
				<b>20° Symmetrical lens (35HF) (35HF) (35LF) (20LD)</b>	68.3W / 175cm (68W175)		<b>Standard models</b> 20° Symmetrical lens (35HF) (35HF) (35LF) (20LD) 35° Symmetrical lens (35HF) (35HF) (35LF) (35LD) 60° Symmetrical lens (60HF) (60HF) (60LF) (60LD) 25°x45° Oval lens (45HF) (45HF) (45LF) (45LD)
				<b>35° Symmetrical lens (35HF) (35HF) (35LF) (35LD)</b>	78.8W / 200cm (79W200)		<b>Standard models</b> 17.5W / 53cm (18W053) 28W / 78cm (28W078) 38.5W / 103cm (39W103) 49W / 128cm (49W128) 59.5W / 153cm (60W153) 70W / 178cm (70W178) 80.5W / 203cm (81W203)
				<b>60° Symmetrical lens (60HF) (60HF) (60LF) (60LD)</b>			<b>Standard models</b> 17.5W / 53cm (18W053) 28W / 78cm (28W078) 38.5W / 103cm (39W103) 49W / 128cm (49W128) 59.5W / 153cm (60W153) 70W / 178cm (70W178) 80.5W / 203cm (81W203)
				<b>25°x45° Oval lens (45HF) (45HF) (45LF) (45LD)</b>			<b>Standard models</b> 17.5W / 53cm (18W053) 28W / 78cm (28W078) 38.5W / 103cm (39W103) 49W / 128cm (49W128) 59.5W / 153cm (60W153) 70W / 178cm (70W178) 80.5W / 203cm (81W203)
				<b>INDIRECT LIGHTING</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>With LED strip (Nichia LED)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>15° Linear lens (15L)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>30° Linear lens (30L)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>50° Linear lens (50L)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>70° Linear lens (70L)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>110° Frosted Cover (110F)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>110° Clear Cover (110C)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)
				<b>110° Milky Cover (110M)</b>			<b>Standard models</b> 110° Frosted Cover (110F) 110° Clear Cover (110C) 110° Milky Cover (110M)

\* Tunable white, RGB and RGBW models are available upon request (for downlight and for uplight).  
 \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.  
 \*\*\* Available in custom lengths, luminaire colours and power upon request.  
 \*\*\*\* Dimensions without end caps. Add 2mm for each end cap.  
 \*\*\*\*\* Dimensions with end caps.  
 \*\* The indicated power refers to all models with 21W Nichia LED strip and/or Low density Full lenses.  
 Model's power will change with Low density Dashed (LD), High density Full (HF), High density Dashed (HD), Symmetrical / Oval lens module power.  
 (HF) High density Full 40W/m,  
 (HD) High density Dashed 20W/m,  
 (LF) Low density Full 21W/m,  
 (LD) Low density Dashed 10.5W/m  
 \*\*\*\*\* Dimensions without end caps. Add 2mm for each end cap.  
 \*\*\*\*\* Dimensions with end caps.

Ordering Code Example: LINILINE ST PDDIAG-AN-3080-35LF100M-58W150-24-11

Extension Model	Luminaire Colour	CCT*	CRI	Beam Angle **	Watt / Length***	Voltage
<b>LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTI GLARE L TYPE</b>	Anodized (AN)	2000K (20)	>80 (80)	<b>With LED strip (Nichia LED)</b> (70°/100°)	3.5W / 9,95x9,95cm (4W1010)	24VDC (24)
	White (WH)	2500K (25)	>90 (90)	15° Linear lens (15L) 30° Linear lens (30L) 50° Linear lens (50L) 60° Linear lens (60L)	5.3W / 9,95x18,1cm (5W1018)	
	Black (BL)	3000K (30)		70° Frosted Cover (70F) 70° Clear Cover (70C) 80° Milky Cover (80M)	7W / 18,1x18,1cm (7W1818)	
<b>LINILINE SUPERIOR PENDANT DIRECT/INDIRECT ANTI GLARE T TYPE</b>				<b>Models with symmetrical or oval lenses</b> Blank (BLK)		

\* Tunable white, RGB and RGBW models are available upon request.  
 \*\* The beam angle must be the same with the DIRECT beam angle of LINILINE PDDI luminaires.  
 \*\*\* The referred dimensions of extensions are valid with 21W Nichia LED strip.

Ordering Code Example: LINILINE SP PDDIAG-LT-AN-3080-30L-4W1010-24

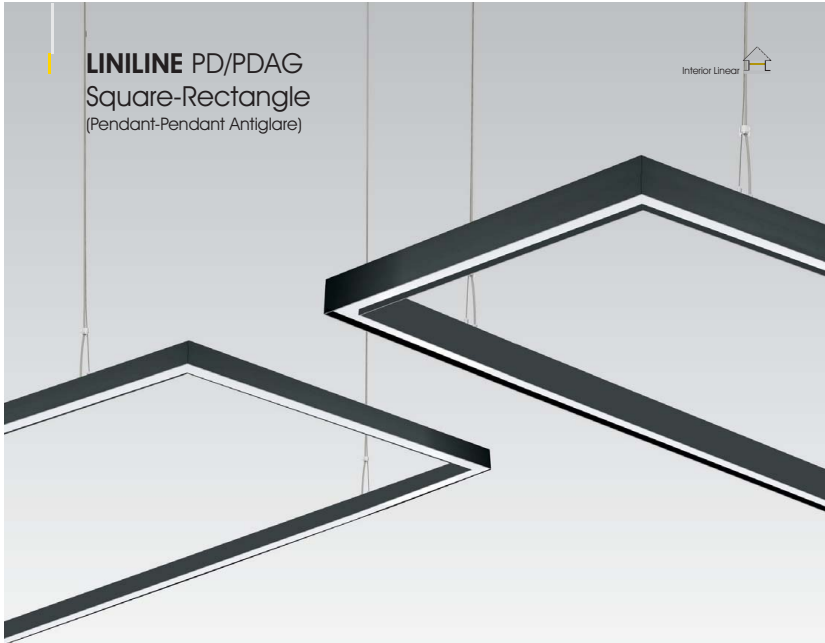




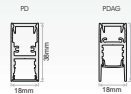
# LINILINE PD/PDAG

## Square-Rectangle

(Pendant-Pendant Antiglare)



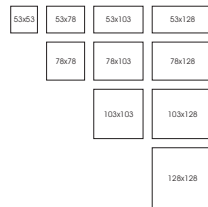
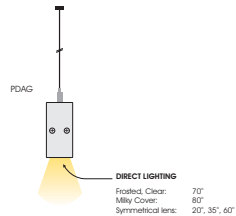
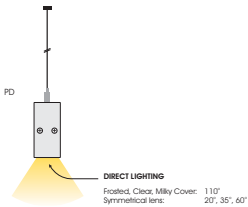
- Liniline is a complete series of linear recessed, limitless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs; L90/B10 > 50.000h
- CREE LEDs; L90/B10 ~ 50.000h
- 3 SDCM
- IP40



Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours

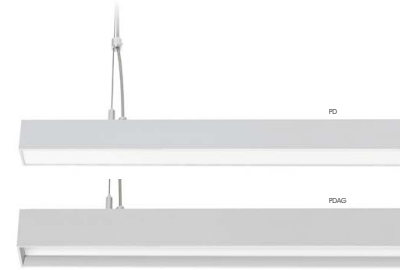


# LINILINE PD/PDAG

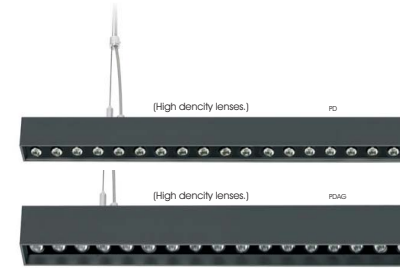
## Square-Rectangle

(Pendant-Pendant Antiglare)

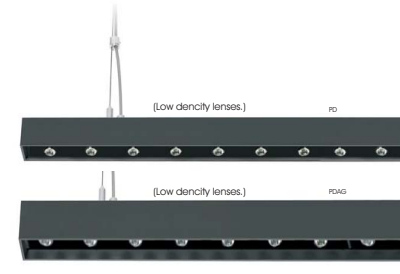
Direct/Indirect:  
Milky /Clear /Frosted cover



Direct:  
Symmetrical



Direct:  
Symmetrical



**LINILINE PD/PDAG**  
Square-Rectangle  
(Pendant-Pendant Antiglare)



**LINILINE PD/PDAG**  
Square-Rectangle  
(Pendant-Pendant Antiglare)



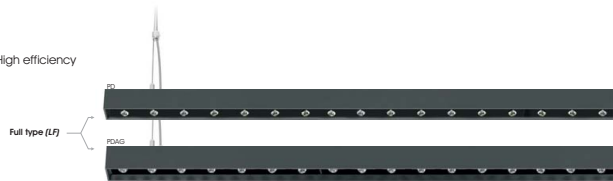
Standard Luminaire Colours:  
Custom Colours available upon request



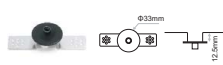
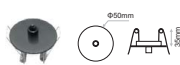
High density lenses  
LINILINE PD/PDAG High efficiency



Low density lenses  
LINILINE PD/PDAG High efficiency



Canopy



- PRH.039 Canopy Surface WHITE
- PRH.082 Canopy Surface BLACK
- PRH.085 Canopy Surface LIGHT GREY

- PRH.040 Canopy Recessed WHITE
- PRH.083 Canopy Recessed BLACK
- PRH.086 Canopy Recessed LIGHT GREY

- PRH.041 Canopy Trimless WHITE
- PRH.084 Canopy Trimless BLACK
- PRH.087 Canopy Trimless LIGHT GREY

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
<b>LINILINE PENDANT Square.Rectangle</b> <i>(LINILINE PD)</i>	Anodized (AN)	2000K (20)	>80 (80)	<b>With LED strip (Nichia LEDs)</b> Frosted Cover (FRG) Clear Cover (CLE) Milky Cover (ML)	42W / 53x53cm (42W/53x53)	24VDC (24)	<b>Wire Rope &amp; p.s. cable lengths</b> 1,5m / p.s. cable (3) 3m / p.s. cable (1)
	White (WH)	2500K (25)	63W / 53x78cm (53W/53x78)				
	Black (BL)	2700K (27)	63W / 53x103cm (63W/53x103)				
		3000K (30)	73.5W / 53x128cm (74W/53x128)				
		4000K (40)					
	5700K (57)						
				<b>With LED modules (CREE LEDs)</b> 20° High Density Symmetrical lens (20H) 20° Low Density Symmetrical lens (20L) 35° High Density Symmetrical lens (35H) 35° Low Density Symmetrical lens (35L) 60° High Density Symmetrical lens (60H) 60° Low Density Symmetrical lens (60L)			
			63W / 78x78cm (63W/78x78)				
			73.5W / 78x103cm (74W/78x103)				
			84W / 78x128cm (84W/78x128)				
			84W / 103x103cm (84W/103x103)				
			94.5W / 103x128cm (95W/103x128)				
			105W / 128x128cm (105W/128x128)				



- \* Tunable white, RGB and RGBW models are available upon request.
- \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- \*\* Available in custom lengths, luminaire colours and power upon request.
- \*\*\* The power (Watt) refers to all models with 21W Nichia LED strip and models with Low Density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: LINILINE PD-AN-3080-20H-95W103x128-24-1

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras
<b>LINILINE PENDANT ANTIGLARE Square.Rectangle</b> <i>(LINILINE PDAG)</i>	Anodized (AN)	2000K (20)	>80 (80)	<b>With LED strip (Nichia LEDs)</b> Frosted Cover (FRG) Clear Cover (CLE) Milky Cover (ML)	42W / 53x53cm (42W/53x53)	24VDC (24)	<b>Wire Rope &amp; p.s. cable lengths</b> 1,5m / p.s. cable (3) 3m / p.s. cable (1)
	White (WH)	2500K (25)	63W / 53x78cm (53W/53x78)				
	Black (BL)	2700K (27)	63W / 53x103cm (63W/53x103)				
		3000K (30)	73.5W / 53x128cm (74W/53x128)				
		4000K (40)					
	5700K (57)						
				<b>With LED modules (CREE LEDs)</b> 20° High Density Symmetrical lens (20H) 20° Low Density Symmetrical lens (20L) 35° High Density Symmetrical lens (35H) 35° Low Density Symmetrical lens (35L) 60° High Density Symmetrical lens (60H) 60° Low Density Symmetrical lens (60L)			
			63W / 78x78cm (63W/78x78)				
			73.5W / 78x103cm (74W/78x103)				
			84W / 78x128cm (84W/78x128)				
			84W / 103x103cm (84W/103x103)				
			94.5W / 103x128cm (95W/103x128)				
			105W / 128x128cm (105W/128x128)				



- \* Tunable white, RGB and RGBW models are available upon request.
- \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.
- \*\* Available in custom lengths, luminaire colours and power upon request.
- \*\*\* The power (Watt) refers to all models with 21W Nichia LED strip and models with Low Density Lenses. Multiply the above watts by a factor of 1.9 to find the power of models with high density lenses.

Ordering Code Example: LINILINE PDAG-AN-3080-35H-95W103x128-24-1



# LINILINE PDDI/PDDIAG

## Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)

Interior Linear

Interior Linear

# LINILINE PDDI/PDDIAG

## Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



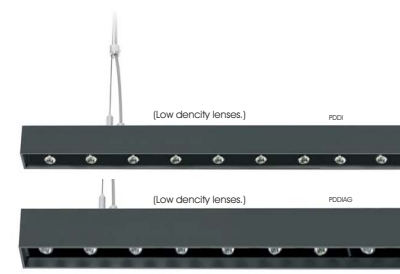
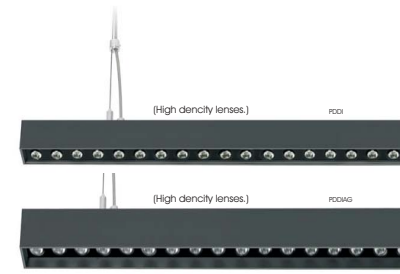
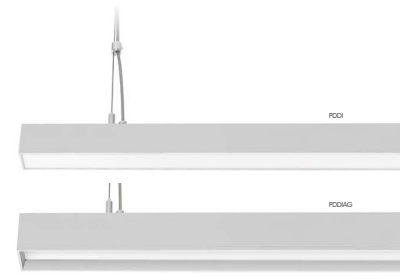
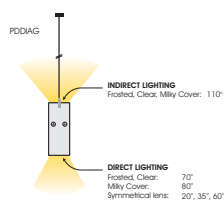
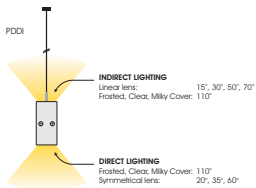
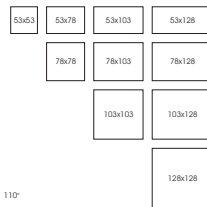
- Liniline is a complete series of linear recessed, trimless, surface and pendant luminaires.
- All models are available in standard or antiglare version to ensure visual comfort.
- Liniline series offers a variety of different light outputs that ensure uniformity and colour consistency.
- Nichia LEDs: L90/B10 > 50.000h
- CREE LEDs: L90/B10 > 50.000h
- 3 SDCM
- IP40



Lighting management options:  
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours



# LINILINE PDDI/PDDIAG

## Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



# LINILINE PDDI/PDDIAG

## Square-Rectangle

(Pendant Direct-Indirect/Pendant Direct-Indirect Antiglare)



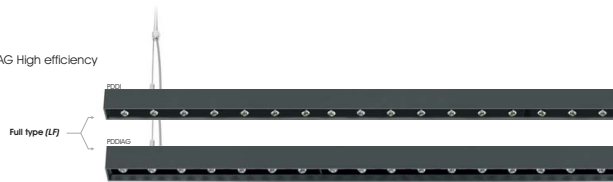
Standard Luminaire Colours:  
Custom Colours available upon request



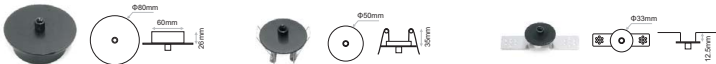
High density lenses  
LINILINE PDDI/PDDIAG High efficiency



Low density lenses  
LINILINE PDDI/PDDIAG High efficiency



Canopy



PRH.039 Canopy Surface WHITE  
PRH.082 Canopy Surface BLACK  
PRH.085 Canopy Surface LIGHT GREY

PRH.040 Canopy Recessed WHITE  
PRH.083 Canopy Recessed BLACK  
PRH.086 Canopy Recessed LIGHT GREY

PRH.041 Canopy Trimless WHITE  
PRH.084 Canopy Trimless BLACK  
PRH.087 Canopy Trimless LIGHT GREY

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras		
LINILINE PDDIANT DIRECT/INDIRECT Square-Rectangle (LINILINE PDDI)	Anodized (AN)	2000K (20)	> 80 (80)	<b>DIRECT LIGHTING</b> 	70W / 53x53cm (70W53x53)	24VDC (24)	<b>Wire Rope &amp; p.s. cable lengths</b> 1,5m / p.s. cable (0) 3m / p.s. cable (1)		
	White (WH)	2500K (25)			91W / 53x78cm (91W53x78)				
	White (WH)	2700K (27)			112W / 53x103cm (112W53x103)				
	<b>INDIRECT LIGHTING</b> DIRECT & INDIRECT beam angle options With LED strip (NICHIA LED)	Black (BL)	3000K (30)		<b>INDIRECT LIGHTING</b> 			133W / 53x128cm (133W53x128)	
		Black (BL)	4000K (40)					112W / 78x78cm (112W78x78)	
		Black (BL)	5700K (57)					133W / 78x103cm (133W78x103)	
		<b>DIRECT only beam angle options</b> With LED modules (CREE LED)	Clear Cover (CL)					Symmetrical lens 20° High Density (20H) Symmetrical lens 20° Low Density (20L) Symmetrical lens 35° High Density (35H) Symmetrical lens 35° Low Density (35L) Symmetrical lens 60° High Density (60H) Symmetrical lens 60° Low Density (60L) Symmetrical lens	
			Milky Cover (ML)						154W / 78x128cm (154W78x128)
									154W / 103x103cm (154W103x103)
									175W / 103x128cm (175W103x128)
									196W / 128x128cm (196W128x128)

Model	Luminaire Colour	CCT*	CRI	Beam Angle	Watt*** / Length **	Voltage	Extras		
LINILINE PDDIANT DIRECT/INDIRECT ANTIGLARE Square-Rectangle (LINILINE PDDIAG)	Anodized (AN)	2000K (20)	> 80 (80)	<b>DIRECT LIGHTING</b> 	70W / 53x53cm (70W53x53)	24VDC (24)	<b>Wire Rope &amp; p.s. cable lengths</b> 1,5m / p.s. cable (0) 3m / p.s. cable (1)		
	White (WH)	2500K (25)			91W / 53x78cm (91W53x78)				
	White (WH)	2700K (27)			112W / 53x103cm (112W53x103)				
	<b>INDIRECT LIGHTING</b> DIRECT & INDIRECT beam angle options With LED strip (NICHIA LED)	Black (BL)	3000K (30)		<b>INDIRECT LIGHTING</b> 			133W / 53x128cm (133W53x128)	
		Black (BL)	4000K (40)					112W / 78x78cm (112W78x78)	
		Black (BL)	5700K (57)					133W / 78x103cm (133W78x103)	
		<b>DIRECT only beam angle options</b> With LED modules (CREE LED)	Clear Cover (CL)					Symmetrical lens 20° High Density (20H) Symmetrical lens 20° Low Density (20L) Symmetrical lens 35° High Density (35H) Symmetrical lens 35° Low Density (35L) Symmetrical lens 60° High Density (60H) Symmetrical lens 60° Low Density (60L) Symmetrical lens	
			Milky Cover (ML)						154W / 78x128cm (154W78x128)
									154W / 103x103cm (154W103x103)
									175W / 103x128cm (175W103x128)
									196W / 128x128cm (196W128x128)

\* Tunable white, RGB and RGBW models are available upon request for direct and/or indirect lighting.  
 \*\* For all Symmetrical and Oval lenses, 2000K and 2500K are NOT available.  
 \*\*\* Available in custom lengths, luminaire colours and power upon request.  
 \*\*\*\* The power (Watt) refers to all models with 21W Nichia LED strip and models with Low density Lenses.  
 To find the power of models with high density lenses use the formula: (Power+14x1.453)-14 = 199.5W  
 For example: The power of 78x103 model with high density lenses is ((133+14x1.453)-14 = 199.5W

Ordering Code Example: LINILINE PDDI-AN-3080-50H-ML-175W103x128-24-1



ICON TOWER High Rise Residential (Limassol, Cyprus)  
Lighting design: Sigala-lighting  
Architect: UDS Architects  
Photo: Marios Ioannides

AWARD:



LIGHTING DESIGN AWARDS  
Winners in Residential Lighting Design



# OUTLINER 50



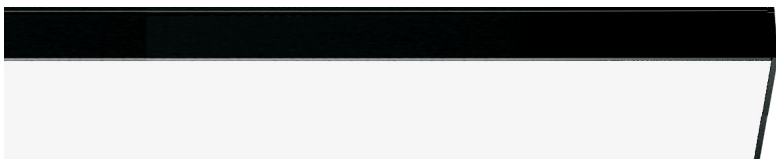
Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

**L90/B10 > 50.000h**  
for monochromatic models

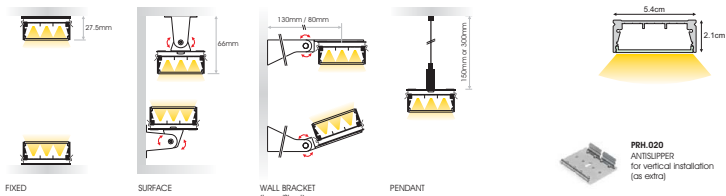
- Available upon request:
- ✓ Custom dimensions
  - ✓ Custom luminaire colours



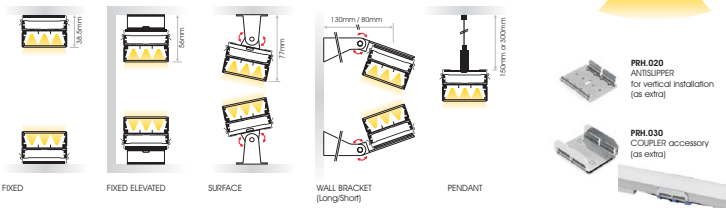
Seamless



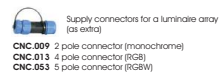
## STANDARD



## SEAMLESS



## Connectors



# OUTLINER 50

# OUTLINER 50



# OUTLINER 50

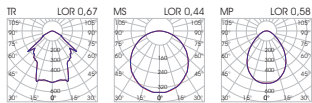
## STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
<b>OUTLINER 50 FIXED</b> (OUTLINER50-F)	Anodized (AN)	2000K (20)	>80 (80)	31.5W / 53cm (32W/53)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		52.5W / 86,3cm (53W/86)	Milky Satin (MS)	
	Black (BL)	2700K (27)		63W / 103cm (63W/103)	Micropismatic (MP)	
		3000K (30)		73.5W / 119,7cm (74W/120)		
		4000K (40)		94.5W / 153cm (95W/153)		
<b>OUTLINER 50 SURFACE</b> (OUTLINER50-S)		5700K (57)		126W / 203cm (126W/203)		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)	40.5W / 53cm (41W/53)				
	RGBCW (RGBCW)	69.3W / 86,7cm (69W/86)				
<b>OUTLINER 50 SHORT BRACKET 8cm</b> (OUTLINER50-SB1)		84LED/m		81W / 103cm (81W/103)		
				98.4W / 124,4cm (98W/124)		
				121.5W / 153cm (122W/153)		
				162W / 203cm (162W/203)		
	<b>OUTLINER 50 LONG BRACKET 13cm</b> (OUTLINER50-SB2)		60LED/m**		29.1W / 53cm (29W/53)	
				46.8W / 83cm (47W/83)		
				58.5W / 103cm (59W/103)		
				70.2W / 123cm (70W/123)		
				87.6W / 153cm (88W/153)		
<b>OUTLINER 50 PENDANT</b> (OUTLINER50-SP1) H:150cm (OUTLINER50-SP2) H:300cm		60LED/m**		117W / 203cm (117W/203)		
				29.1W / 53cm (29W/53)		
				46.8W / 83cm (47W/83)		
				58.5W / 103cm (59W/103)		
				70.2W / 123cm (70W/123)		
		96LED/m		34.5W / 53cm (35W/53)		
				60.3W / 90,5cm (60W/91)		
				69W / 103cm (69W/103)		
				81.9W / 121,7cm (82W/122)		
				103.5W / 153cm (104W/153)		
		60LED/m**		138W / 203cm (138W/203)		
				21.4W / 53cm (22W/53)		
				34.8W / 83cm (35W/83)		
				43.5W / 103cm (44W/103)		
				52.2W / 123cm (52W/123)		
		30LED/m**		65.1W / 153cm (65W/153)		
				87W / 203cm (87W/203)		
				10.8W / 53cm (11W/53)		
				17.1W / 83cm (17W/83)		
				21.6W / 103cm (22W/103)		
			25.8W / 123cm (26W/123)			
			32.4W / 153cm (32W/153)			
			43.2W / 203cm (43W/203)			

\* Available in other colours or/and power upon request  
 \*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER50-F-AN-RGB60-52W123-1MP-24



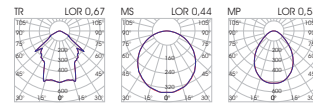
## SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
<b>OUTLINER 50 SEAMLESS FIXED</b> (OUTLINER50-SF)	Anodized (AN)	2000K (20)	>80 (80)	31.5W / 50,3cm (32W/50)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		52.5W / 83,7cm (53W/84)	Milky Satin (MS)	
	Black (BL)	2700K (27)		63W / 100,3cm (63W/100)	Micropismatic (MP)	
		3000K (30)		73.5W / 117cm (74W/117)		
		4000K (40)		94.5W / 150,3cm (95W/150)		
<b>OUTLINER 50 SEAMLESS FIXED ELEVATED</b> (OUTLINER50-SFE)		5700K (57)		126W / 200,3cm (126W/200)		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)	40.5W / 50,3cm (41W/50)				
	RGBCW (RGBCW)	69.3W / 86cm (69W/86)				
<b>OUTLINER 50 SEAMLESS SHORT BRACKET 6.5cm</b> (OUTLINER50-SB1)		84LED/m		81W / 100,3cm (81W/100)		
				98.4W / 121,7cm (98W/122)		
				121.5W / 150,3cm (122W/150)		
				162W / 200,3cm (162W/200)		
	<b>OUTLINER 50 SEAMLESS LONG BRACKET 11.5cm</b> (OUTLINER50-SB2)		60LED/m**		29.1W / 50,3cm (29W/50)	
				46.8W / 80,3cm (47W/80)		
				58.5W / 100,3cm (59W/100)		
				70.2W / 120,3cm (70W/120)		
				87.6W / 150,3cm (88W/150)		
<b>OUTLINER 50 SEAMLESS PENDANT</b> (OUTLINER50-SP1) H:150cm (OUTLINER50-SP2) H:300cm		60LED/m**		117W / 200,3cm (117W/200)		
				29.1W / 50,3cm (29W/50)		
				46.8W / 80,3cm (47W/80)		
				58.5W / 100,3cm (59W/100)		
				70.2W / 120,3cm (70W/120)		
		96LED/m		34.5W / 50,3cm (35W/50)		
				60.3W / 87,8cm (60W/88)		
				69W / 100,3cm (69W/100)		
				81.9W / 119cm (82W/119)		
				103.5W / 150,3cm (104W/150)		
		60LED/m**		138W / 200,3cm (138W/200)		
				21.6W / 50,3cm (22W/50)		
				34.8W / 80,3cm (35W/80)		
				43.5W / 100,3cm (44W/100)		
				52.2W / 120,3cm (52W/120)		
		30LED/m**		65.1W / 150,3cm (65W/150)		
				87W / 200,3cm (87W/200)		
				10.8W / 50,3cm (11W/50)		
				17.1W / 80,3cm (17W/80)		
				21.6W / 100,3cm (22W/100)		
			25.8W / 120,3cm (26W/120)			
			32.4W / 150,3cm (32W/150)			
			43.2W / 200,3cm (43W/200)			

\* Available in other colours or/and power upon request  
 \*\* Length without end caps for seamless installation (add 2mm for each end cap)  
 \*\*\*The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER50-SS-AN-RGB60-60W88-MS-24



# OUTLINER 40



Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microgrismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

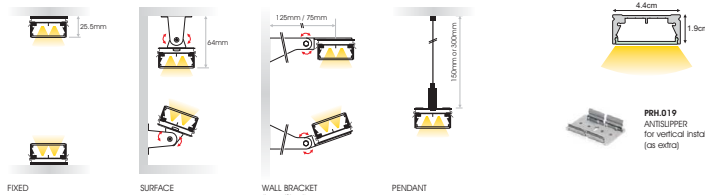
**L90/B10 >50.000h**  
for monochromatic models

- Available upon request:
- ✓ Custom dimensions
  - ✓ Custom luminaire colours

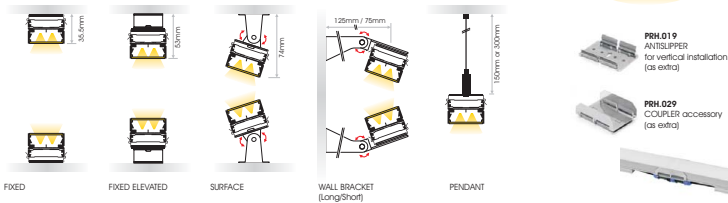


# OUTLINER 40

## STANDARD



## SEAMLESS



## Connectors







STANDARD



SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage	
<b>OUTLINER 40 FIXED</b> (OUTLINER40-F)	Anodized (AN)	2000K (20)	> 80 (R0)	21W / 53cm (21W053)	Transparent Milky Satin (MS) Microprismatic (MP)	24VDC (24)	
	White (WH)	2500K (25)		35W / 86,3cm (35W086)			
	Black (BL)	2700K (27)		42W / 103cm (42W103)			
		3000K (30)		49W / 119,7cm (49W120)			
		4000K (40)		63W / 153cm (63W153)			
<b>OUTLINER 40 SURFACE</b> (OUTLINER40-S)		5700K (57)		84W / 203cm (84W203)			
	<b>OUTLINER 40 SHORT BRACKET 7.5cm</b> (OUTLINER40-SB1)						
	<b>OUTLINER 40 LONG BRACKET 12.5cm</b> (OUTLINER40-SB2)						
	<b>OUTLINER 40 PENDANT</b> (OUTLINER40-SP1) H:150cm (OUTLINER40-SP2) H:300cm						
	<b>RGBWW / RGBCW / RGB</b>						
Colour Watt / Length							
RGBWW (RGBWW)	27W / 53cm (27W053)						
RGBCW (RGBCW)	46,2W / 86,7cm (46W086)						
64LED/m	54W / 103cm (54W103)						
	65,6W / 124,4cm (65W124)						
	81W / 153cm (81W153)						
	108W / 203cm (108W203)						
RGBWW (RGBWW)	19,4W / 53cm (19W053)						
RGBCW (RGBCW)	31,2W / 83cm (31W083)						
60LED/m**	39W / 103cm (39W103)						
	46,8W / 123cm (47W123)						
	58,4W / 153cm (58W153)						
	78W / 203cm (78W203)						
RGB (RGB94)	23W / 53cm (23W053)						
96LED/m	40,2W / 90,5cm (40W091)						
	46W / 103cm (46W103)						
	54,6W / 121,7cm (55W122)						
	69W / 153cm (69W153)						
	92W / 203cm (92W203)						
RGB (RGB60)	14,4W / 53cm (14W053)						
60LED/m**	23,2W / 83cm (23W083)						
	29W / 103cm (29W103)						
	34,8W / 123cm (35W123)						
	43,4W / 153cm (43W153)						
	58W / 203cm (58W203)						
RGB (RGB30)	7,2W / 53cm (07W053)						
30LED/m**	11,4W / 80,3cm (11W083)						
	14,4W / 103cm (14W103)						
	17,2W / 123cm (17W123)						
	21,6W / 153cm (22W153)						
	28,8W / 203cm (29W203)						

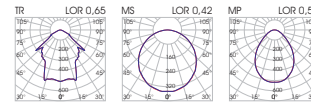
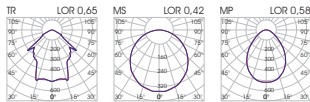
Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage	
<b>OUTLINER 40 SEAMLESS FIXED</b> (OUTLINER40-SF)	Anodized (AN)	2000K (20)	> 80 (R0)	21W / 50,3cm (21W050)	Transparent Milky Satin (MS) Microprismatic (MP)	24VDC (24)	
	White (WH)	2500K (25)		35W / 83,7cm (35W084)			
	Black (BL)	2700K (27)		42W / 100,3cm (42W100)			
		3000K (30)		49W / 117cm (49W117)			
		4000K (40)		63W / 150,3cm (63W150)			
<b>OUTLINER 40 SEAMLESS FIXED ELEVATED</b> (OUTLINER40-SFE)		5700K (57)		84W / 200,3cm (84W200)			
	<b>OUTLINER 40 SEAMLESS SURFACE</b> (OUTLINER40-S3)						
	<b>OUTLINER 40 SEAMLESS SHORT BRACKET 7.5cm</b> (OUTLINER40-SB1)						
	<b>OUTLINER 40 SEAMLESS LONG BRACKET 12.5cm</b> (OUTLINER40-SB2)						
	<b>OUTLINER 40 SEAMLESS PENDANT</b> (OUTLINER40-SP1) H:150cm (OUTLINER40-SP2) H:300cm						
<b>RGBWW / RGBCW / RGB</b>							
Colour Watt / Length**							
RGBWW (RGBWW)	27W / 50,3cm (27W050)						
RGBCW (RGBCW)	46,2W / 86cm (46W086)						
64LED/m	54W / 100,3cm (54W100)						
	65,6W / 121,7cm (65W122)						
	81W / 150,3cm (81W150)						
	108W / 200,3cm (108W200)						
RGBWW (RGBWW)	19,4W / 50,3cm (19W050)						
RGBCW (RGBCW)	31,2W / 80,3cm (31W080)						
60LED/m***	39W / 100,3cm (39W100)						
	46,8W / 120,3cm (47W120)						
	58,4W / 150,3cm (58W150)						
	78W / 200,3cm (78W200)						
RGB (RGB94)	23W / 50,3cm (23W050)						
96LED/m	40,2W / 87,8cm (40W088)						
	46W / 100,3cm (46W100)						
	54,6W / 119cm (55W119)						
	69W / 150,3cm (69W150)						
	92W / 200,3cm (92W200)						
RGB (RGB60)	14,4W / 50,3cm (14W050)						
60LED/m***	23,2W / 80,3cm (23W080)						
	29W / 100,3cm (29W100)						
	34,8W / 120,3cm (35W120)						
	43,4W / 150,3cm (43W150)						
	58W / 200,3cm (58W200)						
RGB (RGB30)	7,2W / 50,3cm (07W050)						
30LED/m***	11,4W / 80,3cm (11W080)						
	14,4W / 100,3cm (14W100)						
	17,2W / 120,3cm (17W120)						
	21,6W / 150,3cm (22W150)						
	28,8W / 200,3cm (29W200)						

\* Available in other colours or/and power upon request.  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

\* Available in other colours or/and power upon request.  
\*\* Length without end caps for seamless installation (Add 2mm for each end cap)  
\*\*\*The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER40-F-AN-RGB60-35W123-MP-24

Ordering Code Example: OUTLINER40-SS-AN-RGB60-58W200-MS-24



# OUTLINER 40 RC (Recessed)

Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

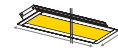
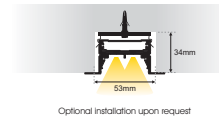
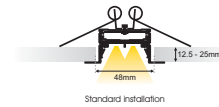
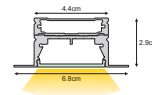
## L90/B10 50.000h for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours



# OUTLINER 40 RC (Recessed)

## STANDARD



### Dimensions:

for Monochromatic, Tunable White:  
68 x 55,6/86,9/105,6/122,3/155,6/205,6cm  
Cutting hole:  
48 x 53,6/86,9/103,6/120,3/153,6/203,6cm

for RGBWW-RGBCW 84LED/m:  
68 x 55,6/91,3/105,6/127/155,6/205,6cm  
Cutting hole:  
48 x 53,6/89,3/103,6/125/153,6/203,6cm

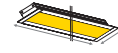
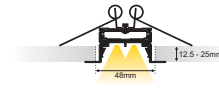
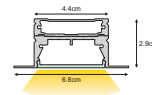
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:  
68 x 55,6/85,8/105,6/125,6/155,6/205,6cm  
Cutting hole:  
48 x 53,6/83,6/103,6/123,6/153,6/203,6cm

for RGB 94LED/m:  
68 x 55,6/93,1/105,6/124,3/155,6/205,6cm  
Cutting hole:  
48 x 53,6/91,1/103,6/122,3/153,6/203,6cm



Note:  
Cutting hole must be 20mm than the luminaire length.

## SEAMLESS



### Dimensions:

for Monochromatic, Tunable White:  
68 x 53,3/86,7/103,3/120/153,3/203,3cm  
Cutting hole:  
48 x 51,3/84,7/101,3/118/151,3/201,3cm

for RGBWW-RGBCW 84LED/m:  
68 x 53,3/89/103,3/124,7/153,3/203,3cm  
Cutting hole:  
48 x 51,3/97/101,3/122,7/151,3/201,3cm

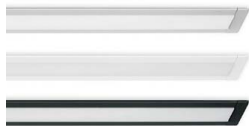
for RGBWW-RGBCW 60LED/m, RGB 60LED/m, RGB 30LED/m:  
68 x 53,3/83,3/103,3/123,3/153,3/203,3cm  
Cutting hole:  
48 x 51,3/81,3/101,3/121,3/151,3/201,3cm

for RGB 94LED/m:  
68 x 53,3/90,8/103,3/122/153,3/203,3cm  
Cutting hole:  
48 x 51,3/88,8/101,3/120/151,3/201,3cm



Note:  
Cutting hole must be 20mm shorter than the luminaire length.

Seamless



## Connectors



Input cables with IP connectors supplied as extra.



In-Out cables with waterproof connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

CNC.009 2 pole connector (monochrome)  
CNC.013 4 pole connector (RGB)  
CNC.053 5 pole connector (RGBW)

**OUTLINER 40 RC**  
(Recessed)

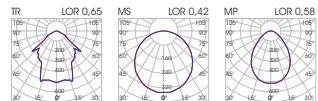


**STANDARD**



Model	Luminaire Colour**	Colour Temperature	CRI	Watt / Length***	Type	Voltage			
<b>OUTLINER 40 Recessed</b> (OUTLINER 40 RC)	Anodized White Black	2000K (20)	>80 (80)	21W / 55.6cm (21W056)	Transparent Milky Satin Microprismatic (M,P)	24VDC (24)			
		2500K (25)		35W / 88.9cm (35W089)					
		2700K (27)		42W / 105.6cm (42W106)					
		3000K (30)		49W / 122.3cm (49W122)					
		4000K (40)		63W / 155.6cm (63W156)					
		5700K (57)		84W / 205.6cm (84W206)					
		<b>TUNABLE WHITE</b>							
		Colour Temperature	CRI	Watt / Length***					
		Tunable White 2700K-5700K (TW)	>80 (80)	20W / 55.6cm (20W056) 33.3W / 88.9cm (33W089) 40W / 105.6cm (40W106) 46.7W / 122.3cm (46W122) 60W / 155.6cm (60W156) 80W / 205.6cm (80W206)					
		<b>RGBWW / RGBCW / RGB</b>							
Colour	Watt / Length***								
RGBWW (RGBWW)	27W / 55.6cm (27W056)								
RGBCW (RGBCW)	46.2W / 91.3cm (46W091)								
84LED/m	54W / 105.6cm (54W106) 65.6W / 127cm (66W127) 81W / 155.6cm (81W156) 108W / 205.6cm (108W206)								
RGBWW (RGBWW) RGBCW (RGBCW)	19.4W / 55.6cm (19W056) 31.2W / 85.6cm (31W086) 39W / 105.6cm (39W106) 46.8W / 125.6cm (47W126) 58.4W / 155.6cm (58W156) 78W / 205.6cm (78W206)								
60LED/m**									
RGB (RGB95)	23W / 55.6cm (23W056) 40.2W / 93.1cm (40W093) 46W / 105.6cm (46W106) 54.6W / 124.3cm (55W124) 69W / 155.6cm (69W156) 92W / 205.6cm (92W206)								
96LED/m									
RGB (RGB60)	14.4W / 55.6cm (14W056) 23.2W / 85.6cm (23W086) 29W / 105.6cm (29W106) 34.8W / 125.6cm (35W126) 43.4W / 155.6cm (43W156) 58W / 205.6cm (58W206)								
60LED/m**									
RGB (RGB30)	7.2W / 55.6cm (07W056) 11.4W / 85.6cm (11W086) 14.4W / 105.6cm (14W106) 17.2W / 125.6cm (17W126) 21.6W / 155.6cm (22W156) 28.8W / 205.6cm (29W206)								
30LED/m**					12VDC (12)				

\*\* Available in other colours upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



Ordering Code Example: OUTLINER 40RC-AN-RGB60-35W126-MS-24



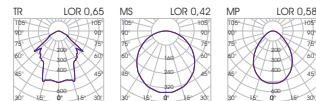
**SEAMLESS**

**OUTLINER 40 RC**  
(Recessed)

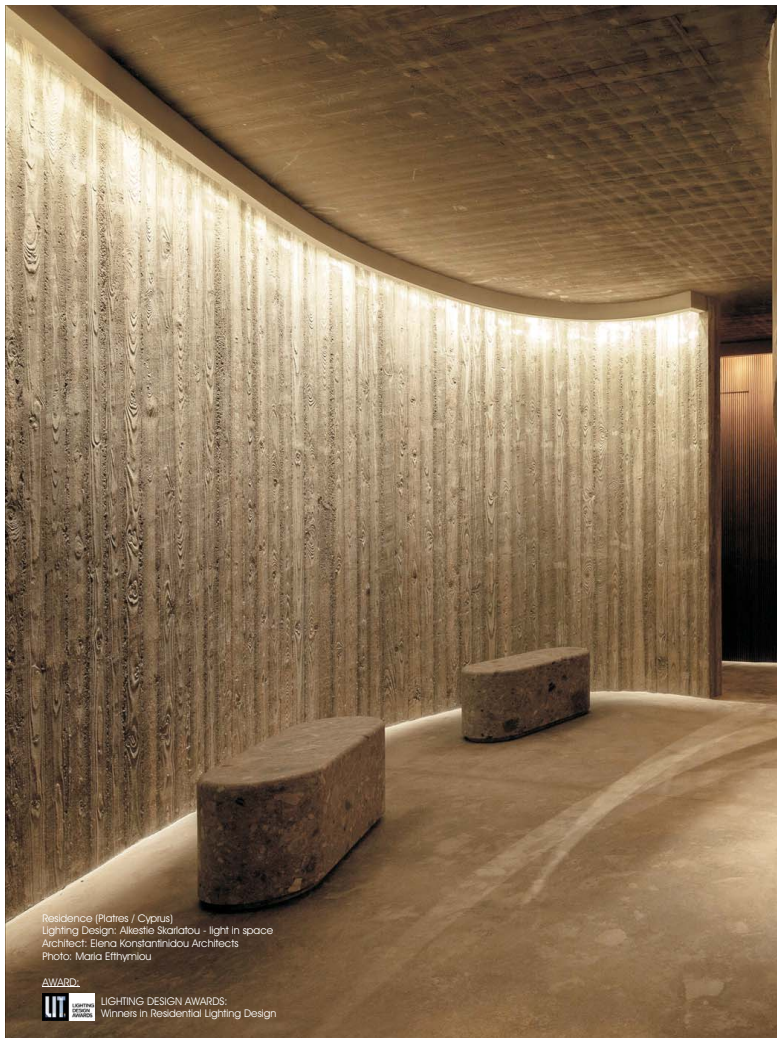


Model	Luminaire Colour**	Colour Temperature	CRI	Watt / Length***	Type	Voltage			
<b>OUTLINER 40 Recessed SEAMLESS</b> (OUTLINER 40 RCs)	Anodized White Black	2000K (20)	>80 (80)	21W / 50.3cm (21W050)	Transparent Milky Satin Microprismatic (M,P)	24VDC (24)			
		2500K (25)		35W / 83.7cm (35W084)					
		2700K (27)		42W / 100.3cm (42W100)					
		3000K (30)		49W / 117cm (49W117)					
		4000K (40)		63W / 150.3cm (63W150)					
		5700K (57)		84W / 200.3cm (84W200)					
		<b>TUNABLE WHITE</b>							
		Colour Temperature	CRI	Watt / Length***					
		Tunable White 2700K-5700K (TW)	>80 (80)	20W / 50.3cm (20W050) 33.3W / 83.7cm (33W084) 40W / 100.3cm (40W100) 46.7W / 117cm (47W117) 60W / 150.3cm (60W150) 80W / 200.3cm (80W200)					
		<b>RGBWW / RGBCW / RGB</b>							
Colour	Watt / Length***								
RGBWW (RGBWW)	27W / 50.3cm (27W050)								
RGBCW (RGBCW)	46.2W / 86cm (46W086)								
84LED/m	54W / 100.3cm (54W100) 65.6W / 121.7cm (66W122) 81W / 150.3cm (81W150) 108W / 200.3cm (108W200)								
RGBWW (RGBWW) RGBCW (RGBCW)	19.4W / 50.3cm (19W050) 31.2W / 80.3cm (31W080) 39W / 100.3cm (39W100) 46.8W / 120.3cm (47W120) 58.4W / 150.3cm (58W150) 78W / 200.3cm (78W200)								
60LED/m**									
RGB (RGB95)	23W / 50.3cm (23W050) 40.2W / 87.6cm (40W088) 46W / 100.3cm (46W100) 54.6W / 119cm (55W119) 69W / 150.3cm (69W150) 92W / 200.3cm (92W200)								
96LED/m									
RGB (RGB60)	14.4W / 50.3cm (14W050) 23.2W / 80.3cm (23W080) 29W / 100.3cm (29W100) 34.8W / 120.3cm (35W120) 43.4W / 150.3cm (43W150) 58W / 200.3cm (58W200)								
60LED/m**									
RGB (RGB30)	7.2W / 50.3cm (07W050) 11.4W / 80.3cm (11W080) 14.4W / 100.3cm (14W100) 17.2W / 120.3cm (17W120) 21.6W / 150.3cm (22W150) 28.8W / 200.3cm (29W200)								
30LED/m**					12VDC (12)				

\*\* Available in other colours upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

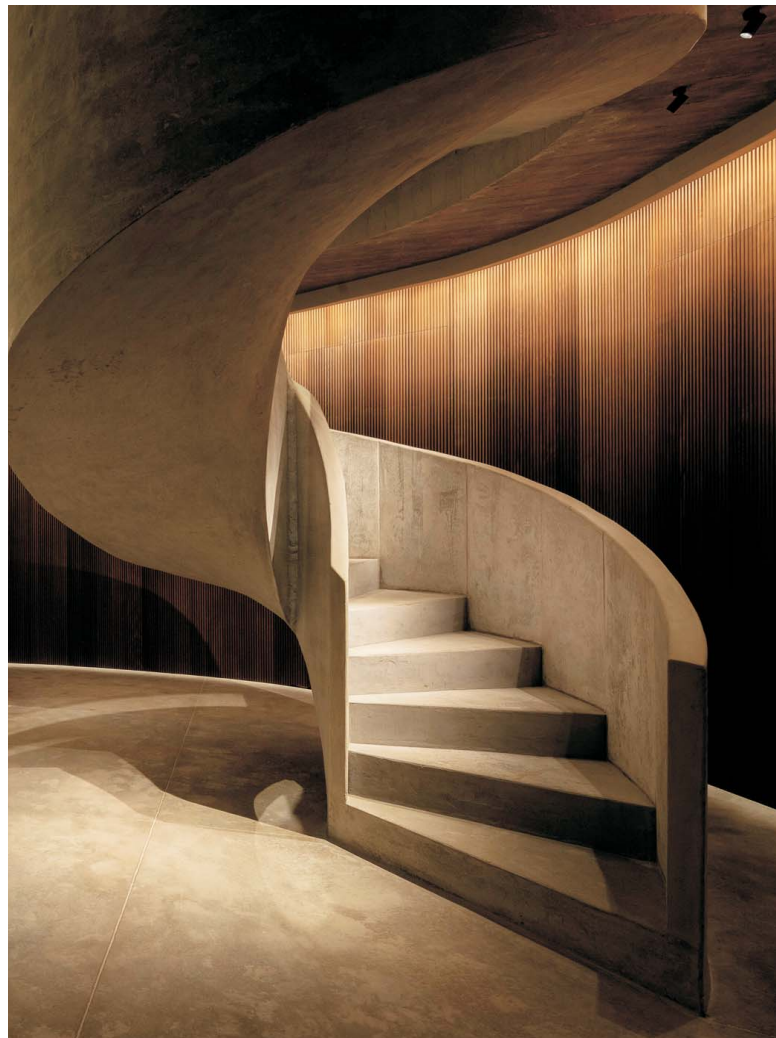


Ordering Code Example: OUTLINER 40RCs-AN-RGB60-35W120-MP-24



Residence (Picties / Cyprus)  
Lighting Design: Anastas Sotiropoulos - light in space  
Architect: Elena Konstantinidou Architects  
Photo: Maria Ethymiou

AWARD:  
 LIGHTING DESIGN AWARDS:  
Winners in Residential Lighting Design



# OUTLINER 30



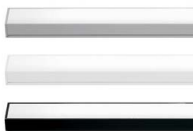
Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microgrismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

**L90/B10 > 50.000h**  
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours

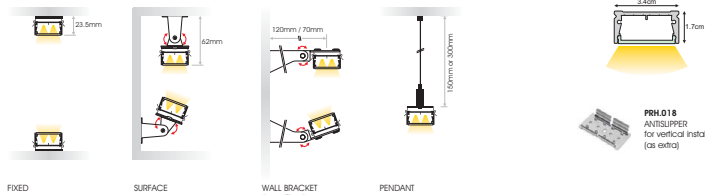


Seamless

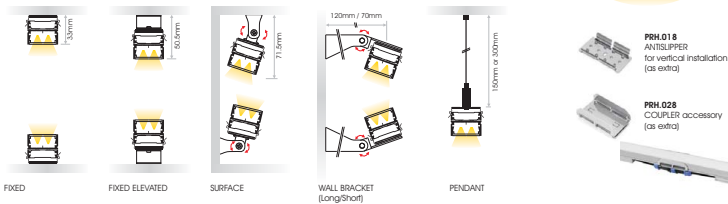


# OUTLINER 30

## STANDARD



## SEAMLESS



## Connectors





STANDARD



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
<b>OUTLINER 30 FIXED</b> (OUTLINER30-F)	Anodized (AN)	2000K (20)	>80 (80)	21W / 53cm (21W053)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		35W / 86,3cm (35W086)	Milky Satin (MS)	
	Black (BL)	2700K (27)		42W / 103cm (42W103)	Micropismatic (MP)	
		3000K (30)		49W / 119,7cm (49W120)		
		4000K (40)		63W / 153cm (63W153)		
<b>OUTLINER 30 SURFACE</b> (OUTLINER30-S)		5700K (57)		84W / 203cm (84W203)		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 53cm (27W053)		
	RGBCW (RGBCW)			46,2W / 86,7cm (46W086)		
<b>OUTLINER 30 SHORT BRACKET 7cm</b> (OUTLINER30-SB1)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 53cm (27W053)		
	RGBCW (RGBCW)			46,2W / 86cm (46W086)		
<b>OUTLINER 30 LONG BRACKET 12cm</b> (OUTLINER30-SB2)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 PENDANT</b> (OUTLINER30-P) H:150cm (OUTLINER30-SP) H:300cm				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 53cm (27W053)		
	RGBCW (RGBCW)			46,2W / 103,3cm (46W103)		
<b>OUTLINER 30 SEAMLESS FIXED</b> (OUTLINER30-SF)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS FIXED ELEVATED</b> (OUTLINER30-SFE)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS SHORT BRACKET 7.5cm</b> (OUTLINER30-SB1)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS LONG BRACKET 12.5cm</b> (OUTLINER30-SB2)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS PENDANT</b> (OUTLINER30-SP) H:150cm (OUTLINER30-SP2) H:300cm				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		

\* Available in other colours or/and power upon request  
 \*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

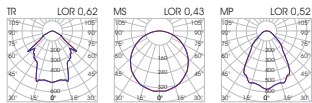
SEAMLESS



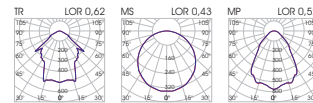
Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
<b>OUTLINER 30 SEAMLESS FIXED</b> (OUTLINER30-SF)	Anodized (AN)	2000K (20)	>80 (80)	21W / 50,3cm (21W050)	Transparent (TR)	24VDC (24)
	White (WH)	2500K (25)		35W / 83,7cm (35W086)	Milky Satin (MS)	
	Black (BL)	2700K (27)		42W / 100,3cm (42W100)	Micropismatic (MP)	
		3000K (30)		49W / 117cm (49W117)		
		4000K (40)		63W / 150,3cm (63W150)		
<b>OUTLINER 30 SEAMLESS FIXED ELEVATED</b> (OUTLINER30-SFE)		5700K (57)		84W / 200,3cm (84W200)		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS SHORT BRACKET 7.5cm</b> (OUTLINER30-SB1)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS LONG BRACKET 12.5cm</b> (OUTLINER30-SB2)				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		
<b>OUTLINER 30 SEAMLESS PENDANT</b> (OUTLINER30-SP) H:150cm (OUTLINER30-SP2) H:300cm				84LED/m		
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)			27W / 50,3cm (27W050)		
	RGBCW (RGBCW)			46,2W / 96cm (46W096)		

\* Available in other colours or/and power upon request  
 \*\* Length without end caps for seamless installation (add 2mm for each end cap)  
 \*\*\*The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER30-F-AN-RGB60-35W123-MP-24



Ordering Code Example: OUTLINER30-40SS-AN-RGB60-35W120-MS-24



# OUTLINER 20



Outliner series is a complete series of custom made linear luminaires with Transparent, Milky Satin or Microprismatic cover. It is available in 4 different widths of 20, 30, 40, 50mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

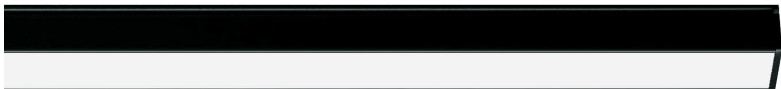
- Multiple mounting options (fixed, surface, wall brackets or pendant).
- Long & Short bracket accessories available for wall installation.
- L90/B10 >50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

**L90/B10 >50.000h**  
for monochromatic models

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours

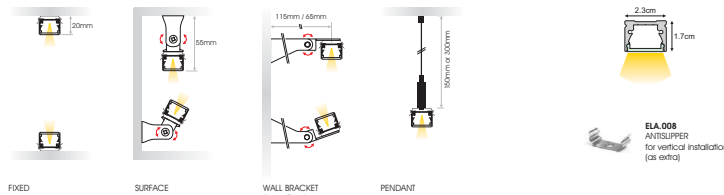


Seamless

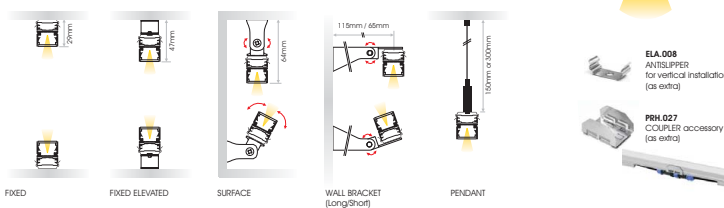


# OUTLINER 20

## STANDARD



## SEAMLESS



## Connectors



OUTLINER 20



OUTLINER 20

STANDARD



SEAMLESS



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
<b>OUTLINER 20 FIXED</b> (OUTLINER20-F) Anodized (AN) White (WH) Black (BL)	2000K (20)	2000K	> 80 (R0)	10.5W / 53cm (114W053)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
	2500K (25)	17.5W / 86,3cm (184W086)				
	2700K (27)	21W / 103cm (214W103)				
	3000K (30)	24.5W / 119,7cm (254W120)				
	4000K (40)	31.5W / 153cm (324W153)				
<b>OUTLINER 20 SURFACE</b> (OUTLINER20-S) 5700K (57)	5700K (57)	42W / 203cm (424W203)				
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	RGBWW (RGBWW)	13.5W / 53cm (144W053)				
	RGBCW (RGBCW)	23.1W / 86,3cm (234W086)				
<b>OUTLINER 20 PENDANT</b> (OUTLINER20-P) H:150cm (OUTLINER20-P2) H:300cm	Colour					
	Watt* / Length					
	RGBWW (RGBWW)	13.5W / 53cm (144W053)				12VDC (12)
	RGBCW (RGBCW)	23.1W / 86,3cm (234W086)				
	64LED/m	27W / 103cm (274W103)				
	32.8W / 124,4cm (334W124)					
	40.5W / 153cm (414W153)					
<b>OUTLINER 20 SEAMLESS FIXED ELEVATED</b> (OUTLINER20-SFE)	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	Watt* / Length**					
	RGBWW (RGBWW)	13.5W / 50,3cm (144W050)				12VDC (12)
	RGBCW (RGBCW)	23.1W / 86cm (234W086)				
64LED/m	27W / 103,3cm (274W103)					
	32.8W / 121,7cm (334W122)					
	40.5W / 150,3cm (414W150)					
<b>OUTLINER 20 SEAMLESS PENDANT</b> (OUTLINER20-SP1) H:150cm (OUTLINER20-SP2) H:300cm	Colour					
	Watt* / Length**					
	RGBWW (RGBWW)	9.7W / 50,3cm (104W050)				12VDC (12)
	RGBCW (RGBCW)	15.6W / 80,3cm (164W080)				
	60LED/m***	19.5W / 100,3cm (204W100)				
	23.4W / 120,3cm (244W120)					
	29.2W / 150,3cm (304W150)					

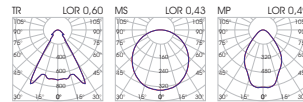
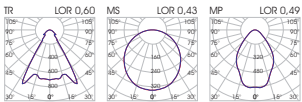
Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length**	Type	Voltage
<b>OUTLINER 20 SEAMLESS FIXED</b> (OUTLINER20-SF) Anodized (AN) White (WH) Black (BL)	2000K (20)	2000K	> 80 (R0)	10.5W / 50,3cm (114W050)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
	2500K (25)	17.5W / 83,7cm (184W084)				
	2700K (27)	21W / 100,3cm (214W100)				
	3000K (30)	24.5W / 117cm (254W117)				
	4000K (40)	31.5W / 150,3cm (324W150)				
<b>OUTLINER 20 SEAMLESS SURFACE</b> (OUTLINER20-S3) 5700K (57)	5700K (57)	42W / 200,3cm (424W200)				
	<i>RGBWW / RGBCW / RGB</i>					
	Colour					
	Watt* / Length**					
	RGBWW (RGBWW)	13.5W / 50,3cm (144W050)				12VDC (12)
RGBCW (RGBCW)	23.1W / 86cm (234W086)					
64LED/m	27W / 103,3cm (274W103)					
	32.8W / 121,7cm (334W122)					
	40.5W / 150,3cm (414W150)					
<b>OUTLINER 20 SEAMLESS PENDANT</b> (OUTLINER20-SP1) H:150cm (OUTLINER20-SP2) H:300cm	Colour					
	Watt* / Length**					
	RGBWW (RGBWW)	9.7W / 50,3cm (104W050)				12VDC (12)
	RGBCW (RGBCW)	15.6W / 80,3cm (164W080)				
	60LED/m***	19.5W / 100,3cm (204W100)				
	23.4W / 120,3cm (244W120)					
	29.2W / 150,3cm (304W150)					

\* Available in other colour or/and power upon request  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

\* Available in other colour or/and power upon request  
\*\* Length without end caps for seamless installation (Add 2mm for each end cap)  
\*\*\*The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: OUTLINER20 B2-AN-RGB60-17W123-MP-24

Ordering Code Example: OUTLINER20-SS-AN-RGB60-17W120-MP-24





# OUTLINER 20 RC (Recessed)



Interior Linear

Outliner Recessed series is a custom made linear luminaires series with Transparent, Milky Satin or Microprismatic cover. It is available in 2 different widths of 20 and 40mm (luminous area widths). It is offered in standard and in custom lengths. The series offers an excellent uniformity with colour consistency.

- L90/B10 > 50.000h (for monochromatic models).
- 3 SDCM (for monochromatic models).
- Ingress Protection: IP40

**L90/B10 50.000h**  
for monochromatic models

- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours

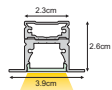


Seamless



Interior Linear

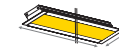
## STANDARD



Standard installation



Optional installation upon request



### Dimensions:

for Monochromatic, Tunable White:  
39x54,6/87,7/ 104,6/121,3/154,6/204,6cm  
Cutting Hole:  
27x53,6/86,9/103,6/120,3/153,6/203,6cm

for RGBWW-RGBCW 84LEDm:  
39x54,6/90,3/ 104,6/124,6/154,6/204,6cm  
Cutting Hole:  
27x53,6/89,3/103,6/125/153,6/203,6cm

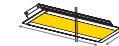
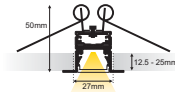
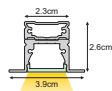
for RGBWW-RGBCW 60LEDm, RGB 60LEDm, RGB 30LEDm:  
39x54,6/92,1/ 104,6/123,6/154,6/204,6cm  
Cutting Hole:  
27x53,6/83,6/103,6/123,6/153,6/203,6cm

for RGB 96LEDm:  
39x54,6/92,1/ 104,6/122,3/153,6/203,6cm  
Cutting Hole:  
27x53,6/81,1/103,6/122,3/153,6/203,6cm



**Note:**  
Cutting hole must be 10mm shorter than the luminaire length.

## SEAMLESS



### Dimensions:

for Monochromatic, Tunable White:  
39x52,3/88,7/ 102,3/119/152,3/202,3cm  
Cutting Hole:  
27x51,3/87,7/101,3/118/151,3/201,3cm

for RGBWW-RGBCW 84LEDm:  
39x52,3/88,7/102,3/122,3/152,3/202,3cm  
Cutting Hole:  
27x51,3/87/101,3/122,7/151,3/201,3cm

for RGBWW-RGBCW 60LEDm, RGB 60LEDm, RGB 30LEDm:  
39x52,3/82,3/102,3/122,3/152,3/202,3cm  
Cutting Hole:  
27x51,3/81,3/101,3/121,3/151,3/201,3cm

for RGB 96LEDm:  
39x52,3/82,3/102,3/121/152,3/202,3cm  
Cutting Hole:  
27x51,3/86,8/101,3/120/151,3/201,3cm



**Note:**  
Cutting hole must be 10mm shorter than the luminaire length.

## Connectors



Input cable with P connectors supplied as extra.



In-Out cables & waterproof connectors supplied as extra.



Supply connectors for a luminaire array (as extra)

- CNC.009** 2 pole connector (monochrome)
- CNC.013** 4 pole connector (RGB)
- CNC.053** 6 pole connector (RGBW)

**OUTLINER 20 RC**  
(Recessed)



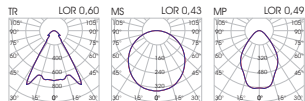
**STANDARD**



Model	Luminaire Colour*	Colour temperature	CRI	Watt / Length**	Type	Voltage		
<b>OUTLINER 20 Recessed</b> (OUTLINER 20 RC)	Anodized White (AW) / Black (BL)	2000K (20)	> 80 (80)	10.5W / 54.6cm (11W/055)	Transparent (TR) / Milky Satin (MS) / Microprismatic (MP)	24VDC (24)		
		2500K (25)	17.5W / 87.9cm (18W/088)					
		2700K (27)	21W / 104.6cm (21W/105)					
		3000K (30)	24.5W / 121.3cm (25W/123)					
		4000K (40)	31.5W / 154.6cm (32W/155)					
		5700K (57)	42W / 204.6cm (42W/205)					
	<b>TUNABLE WHITE</b>							
	Colour Temperature		CRI	Watt / Length**				
	Tunable White 2700K-5700K (TW)	> 80 (80)	10W / 54.6cm (10W/055)	16.7W / 87.9cm (17W/088)	20W / 104.6cm (20W/105)	23.4W / 121.3cm (23W/121)	30W / 154.6cm (30W/155)	40W / 204.6cm (40W/205)
		<b>RGBWW / RGBCW   RGB</b>						
		Colour		Watt / Length**				
		RGBWW (RGBWW)	13.5W / 54.6cm (14W/055)	RGBCW (RGBCW)	23.1W / 90.3cm (23W/090)	27W / 104.6cm (27W/105)	32.8W / 121.3cm (33W/123)	40.5W / 154.6cm (41W/155)
RGBWW (RGBWW)	9.7W / 54.6cm (10W/055)	RGBCW (RGBCW)	15.6W / 84.6cm (16W/088)	19.5W / 104.6cm (20W/105)	23.4W / 124.6cm (23W/125)	29.2W / 154.6cm (29W/155)	39W / 204.6cm (39W/205)	
RGB (RGB96)	11.5W / 54.6cm (12W/055)	20.1W / 92.1cm (20W/092)	23W / 104.6cm (23W/105)	27.3W / 123.3cm (27W/123)	34.5W / 154.6cm (35W/155)	46W / 204.6cm (46W/205)		
RGB (RGB80)	7.2W / 54.6cm (7W/055)	11.6W / 84.6cm (12W/085)	14.5W / 104.6cm (15W/105)	17.4W / 124.6cm (17W/125)	21.7W / 154.6cm (22W/155)	29W / 204.6cm (29W/205)		
RGB (RGB30)	3.6W / 54.6cm (4W/055)	5.7W / 84.6cm (6W/088)	7.2W / 104.6cm (7W/105)	8.6W / 124.6cm (9W/125)	10.8W / 154.6cm (11W/155)	14.4W / 204.6cm (14W/205)		

\* Available in other colours upon request

\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.



Ordering Code Example: OUTLINER 20RC-AN-RGB80-17W/125-MP-24



**SEAMLESS**

**OUTLINER 20 RC**  
(Recessed)

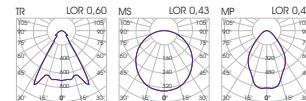


Model	Luminaire Colour*	Colour temperature	CRI	Watt / Length**	Type	Voltage		
<b>OUTLINER 20 RECESSED SEAMLESS</b> (OUTLINER 20 RCSS)	Anodized White (AW) / Black (BL)	2000K (20)	> 80 (80)	10.5W / 50.3cm (11W/050)	Transparent (TR) / Milky Satin (MS) / Microprismatic (MP)	24VDC (24)		
		2500K (25)	17.5W / 83.7cm (18W/084)					
		2700K (27)	21W / 100.3cm (21W/100)					
		3000K (30)	24.5W / 117cm (25W/117)					
		4000K (40)	31.5W / 150.3cm (32W/150)					
		5700K (57)	42W / 200.3cm (42W/200)					
	<b>TUNABLE WHITE</b>							
	Colour Temperature		CRI	Watt / Length**				
	Tunable White 2700K-5700K (TW)	> 80 (80)	10W / 50.3cm (10W/050)	16.7W / 83.7cm (17W/084)	20W / 100.3cm (20W/100)	23.4W / 117cm (23W/117)	30W / 150.3cm (30W/150)	40W / 200.3cm (40W/200)
		<b>RGBWW / RGBCW   RGB</b>						
		Colour		Watt / Length**				
		RGBWW (RGBWW)	13.5W / 50.3cm (14W/050)	RGBCW (RGBCW)	23.1W / 86cm (23W/086)	27W / 100.3cm (27W/100)	32.8W / 121.7cm (33W/123)	40.5W / 150.3cm (41W/150)
RGBWW (RGBWW)	9.7W / 50.3cm (10W/050)	RGBCW (RGBCW)	15.6W / 80.3cm (16W/080)	19.5W / 100.3cm (20W/100)	23.4W / 120.3cm (23W/120)	29.2W / 150.3cm (29W/150)	39W / 200.3cm (39W/200)	
RGB (RGB96)	11.5W / 50.3cm (12W/050)	20.1W / 87.8cm (20W/088)	23W / 100.3cm (23W/100)	27.3W / 119cm (27W/119)	34.5W / 150.3cm (35W/150)	46W / 200.3cm (46W/200)		
RGB (RGB80)	7.2W / 50.3cm (7W/050)	11.6W / 80.3cm (12W/080)	14.5W / 100.3cm (15W/100)	17.4W / 120.3cm (17W/120)	21.7W / 150.3cm (22W/150)	29W / 200.3cm (29W/200)		
RGB (RGB30)	3.6W / 50.3cm (4W/050)	5.7W / 80.3cm (6W/080)	7.2W / 100.3cm (7W/100)	8.6W / 120.3cm (9W/120)	10.8W / 150.3cm (11W/150)	14.4W / 200.3cm (14W/200)		

\* Available in other colours upon request

\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

\*\*\* Length without end caps for seamless installation (add 10mm for each end cap).



Ordering Code Example: OUTLINER 20RCSS-AN-RGB80-17W/120-MP-24





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artichias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Athens Plaza, Greece  
Lighting Design: CPLD

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artichias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

## TETRA HV Series

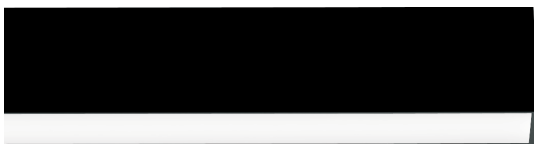


## TETRA HV Series

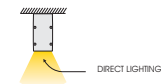
- TETRA HV linear interior luminaires are available either for surface or pendant installation.
- Selection of dimming options available: Non dimmable/ Analogue 1-10V/ DALI/ Wireless.
- It is offered with Transparent, Milky Satin, or Microprismatic cover.
- Pendant option is available either with direct only lighting or with direct and indirect lighting.
- Emergency Function capability available on request (3 hours, with build-in rechargeable battery).
- L80/B10 50.000h
- 3 SDCM
- Ingress Protection: IP40

### Available upon request:

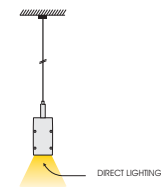
- ✓ Custom luminaire colours
- ✓ Emergency version



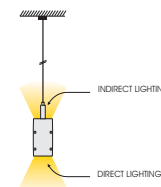
TETRA HV SF  
(Surface)



TETRA HV PD  
(Pendant)



TETRA HV PDDI  
(Pendant Direct/Indirect)



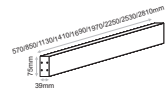


TRIDONIC IP40

Model	Luminaire Colour	CCT	Watt / Length	2700K	3000K	4000K	Type	Voltage	Dimming Option	Extras	
TETRA HV Surface <i>(TETRA HV SF)</i>	Anodized <i>(AN)</i>	2700K <i>(27)</i>	15.8W / 57cm	15.8W / 57cm	24.55m	25.75m	27.10m	Transparent <i>(TR)</i>	230VAC <i>(230)</i>	Non Dimmable Analogue (1-10V) DALI Wireless	Standard <i>(S)</i> Emergency function* <i>(E)</i>
			23.8W / 85cm	24.55m	37.00m	38.65m	40.70m				
			31.7W / 113cm	32.0W113	49.35m	51.55m	54.25m				
TETRA HV Pendant <i>(TETRA HV PD)</i>	Black <i>(BK)</i>	4000K <i>(40)</i>	47.5W / 169cm	48.9W169	74.00m	77.30m	81.35m	Milky Satin <i>(MS)</i>	230VAC <i>(230)</i>	Non Dimmable Analogue (1-10V) DALI Wireless	Standard <i>(S)</i> Emergency function* <i>(E)</i>
			55.4W / 197cm	55.9W197	86.35m	90.20m	94.95m				
			63.4W / 225cm	63.9W225	98.70m	103.10m	108.50m				
TETRA HV Pendant Direct/Indirect <i>(TETRA HV PDD)</i>	Black <i>(BK)</i>	4000K <i>(40)</i>	71.3W / 253cm	71.9W253	111.00m	116.00m	122.05m	Milky Satin <i>(MS)</i>	230VAC <i>(230)</i>	Non Dimmable Analogue (1-10V) DALI Wireless	Standard <i>(S)</i> Emergency function* <i>(E)</i>
			79.2W / 281cm	79.9W281	123.40m	128.90m	135.60m				
			116.8W / 370cm	117.4W370	173.10m	181.10m	190.10m				

- \* **Note for SF & PD:**  
All 57cm and 85cm DALI, Analog (1-10), Wireless models are not available with emergency function.
- \*\* **Note for standard control:**  
All 57cm and 85cm models are not available with emergency function.
- \*\* **Note for separated controls:**  
All 57cm, 85cm and 113cm models, are not available with emergency function.
- \*\* **Note:** With control option you can choose one control (standard) for Direct & Indirect lighting or two controls (Separated) for independent control of Direct and Indirect lightings.

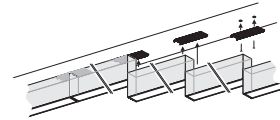
Ordering Code Example:  
TETRA HV PDD-AN-30-61W141-MS-TR-230-ND-01



Accessories for Surface (SF)



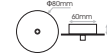
PRH.103 Line alignment



Accessories for Pendant (PD) & Pendant Direct/Indirect (PDD)



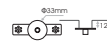
Canopy Surface  
PRH.039 White  
PRH.082 Black  
PRH.085 Light Grey



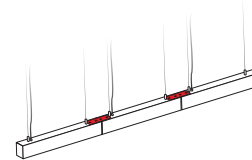
Canopy Recessed  
PRH.040 White  
PRH.083 Black  
PRH.086 Light Grey



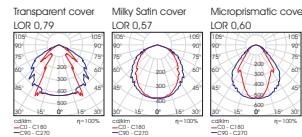
Canopy Trimless  
PRH.041 White  
PRH.084 Black  
PRH.087 Light Grey



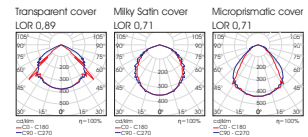
PRH.104 Line alignment



DIRECT LIGHTING



INDIRECT LIGHTING



# TETRA SLICK



# TETRA SLICK

- TETRA SLICK linear interior luminaire is available either for surface or pendant installation.
- It is offered with transparent or milky satin cover.
- 3 SDCM
- L90/B10 50,000h
- IP40



Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/RRF/PUSH BUTTON/Bluetooth

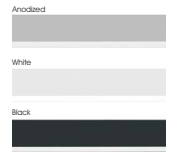
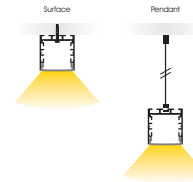
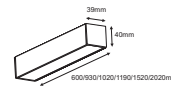
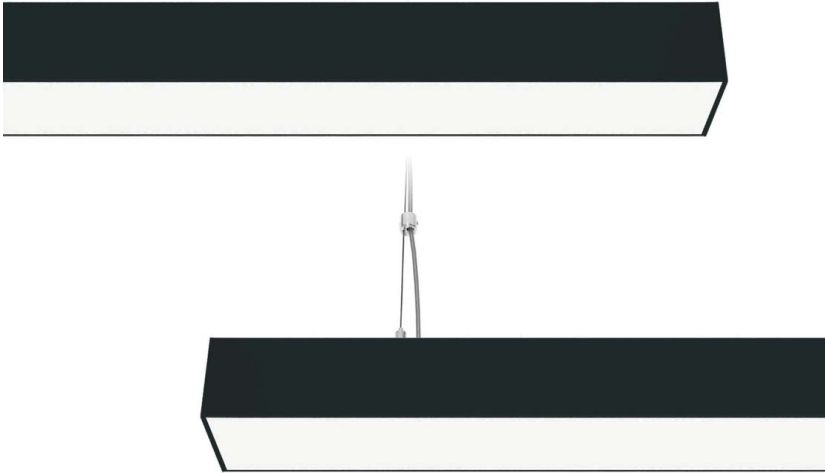
### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	Watt / Length	CR	Type	Voltage
<b>TETRA SLICK Surface</b> <i>(TETRA SLS)</i>	Anodized (AN)	2000K (20N)	12.2W / 60cm (12W/050)	> 80 (80)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
	White (WH)	2500K (25N)	24.5W / 60cm (24W/050)			
	Black (BL)	2700K (27N)	19.25W / 93cm (19W/093)			
<b>TETRA SLICK Pendant</b> <i>(TETRA SLP)</i>	3000K (30N)	38.5W / 93cm (38W/093)	21W / 102cm (21W/102)	> 80 (80)	Transparent (TR) Milky Satin (MS) Microprismatic (MP)	24VDC (24)
	4000K (40N)	42W / 102cm (42W/102)	24.5W / 119cm (24W/119)			
	5700K (57N)	49W / 119cm (49W/119)	31.5W / 152cm (31W/152)			
		63W / 152cm (63W/152)	42W / 202cm (42W/202)			
		84W / 202cm (84W/202)				

Ordering Code Example:  
TETRA SLS-BL-30N-63W/152-80-MS-24



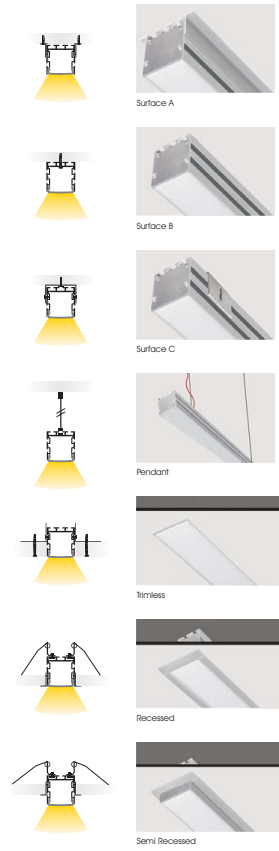
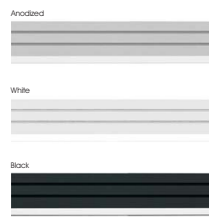
# TETRA Series

- TETRA linear luminaire is available for surface, recessed, timeless or pendant application.
- LxWxD: 5000x30
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/RR/PUSH BUTTON/Bluetooth

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



# TETRA Series

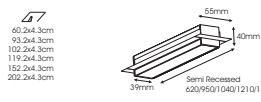
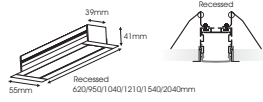
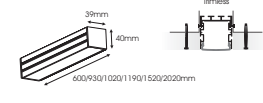
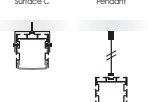
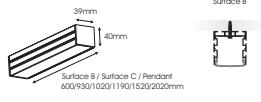
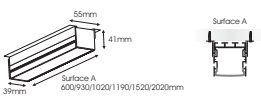


Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>TETRA Surface A</b> (TETRA SA)	Anodized (AN)	2000K (20N)	> 80 (80)	Transparent (TR)	12.2W / 60cm (12W050)	24VDC (24)
	White (WH)	2500K (25N)			24.5W / 60cm (24W050)	
	Black (BL)	2700K (27N)			19.25W / 93cm (19W093)	
<b>TETRA Surface B</b> (TETRA SB)		3000K (30N)		Milky Satin (MS)	38.5W / 93cm (38W093)	
		4000K (40N)		Microprismatic (MP)	21W / 102cm (21W102)	
		5700K (57N)			42W / 102cm (42W102)	
<b>TETRA Surface C</b> (TETRA SC)					24.5W / 119cm (24W119)	
					49W / 119cm (49W119)	
					31.5W / 152cm (31W152)	
<b>TETRA Pendant</b> (TETRA PC)					63W / 152cm (63W152)	
					42W / 202cm (42W202)	
					84W / 202cm (84W202)	

Ordering Code Example:  
TETRA PD-BL-30N-80-MS-31W152-24

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>TETRA Trimless</b> (TETRA TT)	Anodized (AN)	2000K (20N)	> 80 (80)	Transparent (TR)	12.2W / 60cm (12W050)	24VDC (24)
	White (WH)	2500K (25N)			24.5W / 60cm (24W050)	
	Black (BL)	2700K (27N)			19.25W / 93cm (19W093)	
<b>TETRA Recessed</b> (TETRA RC)		3000K (30N)		Milky Satin (MS)	38.5W / 93cm (38W093)	
		4000K (40N)		Microprismatic (MP)	21W / 102cm (21W102)	
		5700K (57N)			42W / 102cm (42W102)	
<b>TETRA Semi Recessed</b> (TETRA ST)					24.5W / 119cm (24W119)	
					49W / 119cm (49W119)	
					31.5W / 152cm (31W152)	
<b>TETRA Recessed</b> (TETRA RC)					63W / 152cm (63W152)	
					42W / 202cm (42W202)	
					84W / 202cm (84W202)	
<b>TETRA Semi Recessed</b> (TETRA ST)					12.2W / 62cm (12W042)	
					24.4W / 62cm (24W042)	
					19.2W / 95cm (19W095)	
<b>TETRA Recessed</b> (TETRA RC)					38.5W / 95cm (38W095)	
					21W / 104cm (21W104)	
					42W / 104cm (42W104)	
<b>TETRA Semi Recessed</b> (TETRA ST)					24.5W / 121cm (24W121)	
					49W / 121cm (49W121)	
					31.5W / 154cm (31W154)	
<b>TETRA Recessed</b> (TETRA RC)					63W / 154cm (63W154)	
					42W / 204cm (42W204)	
					84W / 204cm (84W204)	

Ordering Code Example:  
TETRA RC-BL-30N-80-MS-31W154-24





# TETRA SLICK WASH



# TETRA SLICK WASH

- TETRA SLICK WASH linear luminaire is available for surface or pendant application.
- L90/B1/D: 50000h
- 3 SDCM
- Ingress Protection: IP40



Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

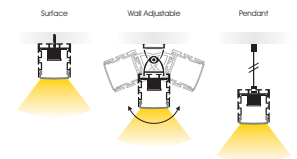
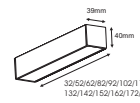
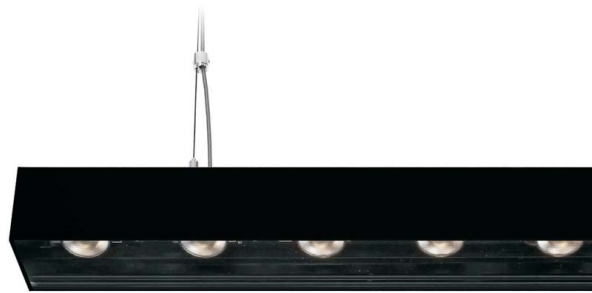
- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours
  - ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Beam Angle	Wall-LED/m	Length	Voltage
<b>TETRA SLICK WASH Surface</b> <i>(TETRA SLICK WASH SF)</i>	Anodized (AN)	2700K (27C)	> 70* (70)	12° (12)	10.5W-10LED/m (10/10)	32cm (032)	24VDC (24)
	White (WH)	3000K (30C)	> 80** (80)	25° (25)	21W-10LED/m (20/10)	52cm (052)	
	Black (BL)	4000K (40C)		48° (48)	21W-20LED/m (20/20)	62cm (062)	
<b>TETRA SLICK WASH Wall Adjustable</b> <i>(TETRA SLICK WASH WA)</i>		5600K* (56C)		40°x10° (40)		82cm (082)	
						92cm (092)	
						102cm (102)	
						112cm (112)	
						122cm (122)	
						132cm (132)	
<b>TETRA SLICK WASH Pendant</b> <i>(TETRA SLICK WASH PD)</i>						142cm (142)	
						152cm (152)	
						162cm (162)	
						172cm (172)	
						182cm (182)	
						192cm (192)	
						202cm (202)	
					25.2W-24LED/m (24/24)	52cm (052)	
					102cm (102)		
					152cm (152)		
					202cm (202)		

\* 5600K only available in CRI 70  
\*\* CRI 80 only for 2700K/3000K/4000K

Ordering Code Example: TETRA SLICK WASH SF-BL-30C-80-46-2424-102-24



# TETRA PLUS Series

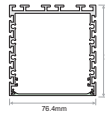
- TETRA PLUS linear luminaire is available for surface, recessed, trimless or pendant application.
- L60/810 50,000h (for monochromatic models)
- 3 SDCM
- IP40

## 230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request for monochromatic models (except 32W113 model).

## TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



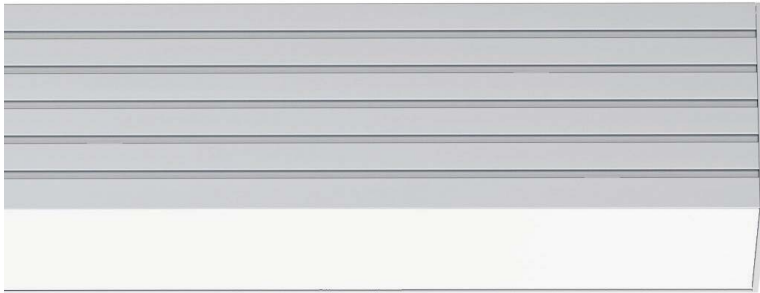
# TETRA PLUS Series

TRIDONIC IP40

Model	Luminaire Colour	CRI	Type	Voltage*	CC1**	Watt / Length	Initial LED Lumen (no core)
TETRA PLUS SURFACE (TETRA PLUS SF)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS SURFACE with HINGE (TETRA PLUS SH)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS RECESSED (TETRA PLUS RC)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS TRIMLESS (TETRA PLUS TR)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS PENDANT (TETRA PLUS PD)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
<b>230V EMERGENCY</b> ☀️							3000K
TETRA PLUS SURFACE (TETRA PLUS SF)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS SURFACE with HINGE (TETRA PLUS SH)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS RECESSED (TETRA PLUS RC)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS TRIMLESS (TETRA PLUS TR)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
TETRA PLUS PENDANT (TETRA PLUS PD)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K (30)	14W / 57cm (14W/057)	3000K
	White (W)	20W / 85cm (20W/085)				4000K	
	Black (BL)	32W / 113cm (32W/113)				4000K	
	40W / 141cm (40W/141)	4000K					
<b>230V EMERGENCY</b> ☀️							3000K
<b>TUNABLE WHITE</b>							3000K
230VAC DALI Dimmable (230VAC)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K-6000K (TW)	20W / 86cm (20W/086)	2100lm
	White (W)	26W / 114cm (26W/114)				2650lm	
	Black (BL)	32W / 142cm (32W/142)				3350lm	
	40W / 86cm (40W/086)	4300lm					
230VAC DALI Dimmable (230VAC)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K-6000K (TW)	52W / 114cm (52W/114)	5700lm
	White (W)	62W / 142cm (62W/142)				7150lm	
	Black (BL)	32W / 142cm (32W/142)				3350lm	
	62W / 142cm (62W/142)	7150lm					
<b>TUNABLE WHITE 230V EMERGENCY</b> ☀️							3000K
230VAC DALI Dimmable (230VAC)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K-6000K (TW)	20W / 86cm (20W/086)	2100lm
	White (W)	26W / 114cm (26W/114)				2650lm	
	Black (BL)	32W / 142cm (32W/142)				3350lm	
	40W / 86cm (40W/086)	4300lm					
230VAC DALI Dimmable (230VAC)	Anodized (AN)	> 80 (R9)	Milky Satin (MS)	230VAC (230)	3000K-6000K (TW)	52W / 114cm (52W/114)	5700lm
	White (W)	62W / 142cm (62W/142)				7150lm	
	Black (BL)	32W / 142cm (32W/142)				3350lm	
	62W / 142cm (62W/142)	7150lm					

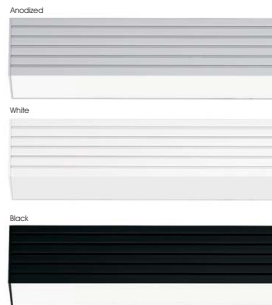
\* Available in 230VAC DALI dimmable upon request.  
\*\* Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: TETRA PLUS SF-BL-80-MS-230-30-50W/197



### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Surface, Trimless, Pendant



Recessed



# PALMA Series



# PALMA Series

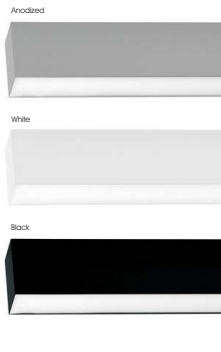
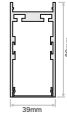
- PALMA linear luminaire is suitable for surface, trimless or pendant installation.
- DALI dimmable upon request.
- LBQ/B10 50.000h (for monochromatic models)
- 3 SDCM

### 230V EMERGENCY

- 3 hours EMERGENCY operation.
- DALI dimmable upon request (except 32W/113 model).

### TUNABLE WHITE

- Linear Tunable White system with adjustable colour temperature from 3000K to 6000K at constant luminous flux.



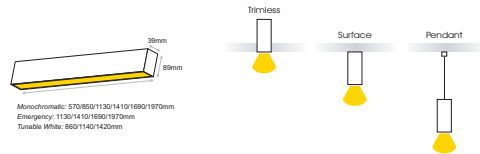
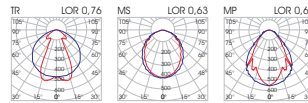
Model	Luminaire Colour	CRI	Type	Voltage*	CCT**	Watt / Length		Initial LED Lumen (Pre-cooled)	
						3000K	4000K		
<b>PALMA Surface</b> <small>(PALMA SF)</small>	Anodized <small>(AN)</small>	> 80 <small>(80)</small>	Transparent <small>(TR)</small>	230VAC <small>(230)</small>	3000K <small>(30)</small>	16W / 57cm <small>(16W057)</small>	2050lm	2240lm	
	White <small>(WH)</small>		Milky Satin <small>(MS)</small>		4000K <small>(40)</small>	24W / 85cm <small>(24W085)</small>	3090lm	3360lm	
	Black <small>(BL)</small>		Microprismatic <small>(MP)</small>		32W / 113cm <small>(32W113)</small>	4120lm	4480lm		
<b>PALMA Trimless</b> <small>(PALMA TG)</small>						40W / 141cm <small>(40W141)</small>	5150lm	5600lm	
						48W / 169cm <small>(48W169)</small>	6180lm	6720lm	
						56W / 197cm <small>(56W197)</small>	7210lm	7840lm	
<b>PALMA Pendant</b> <small>(PALMA PC)</small>									

230V EMERGENCY		3000K	4000K
3000K Emergency <small>(30EM)</small>	32W / 113cm <small>(32W113)</small>	4120lm	4480lm
4000K Emergency <small>(40EM)</small>	40W / 141cm <small>(40W141)</small>	5150lm	5600lm
	48W / 169cm <small>(48W169)</small>	6180lm	6720lm
	56W / 197cm <small>(56W197)</small>	7210lm	7840lm

Voltage	CCT	Watt / Length		Initial LED Lumen (Pre-cooled)	
		Tunable White	3000K-6000K	2100lm	2650lm
230VAC DALI Dimmable <small>(230DL)</small>	Tunable White 3000K-6000K <small>(TW)</small>	20W / 86cm <small>(20W086)</small>	2100lm	2650lm	
		26W / 114cm <small>(26W114)</small>	2650lm	3350lm	
		32W / 142cm <small>(32W142)</small>	3350lm	4300lm	
		40W / 86cm <small>(40W086)</small>	4300lm	5700lm	
		52W / 114cm <small>(52W114)</small>	5700lm	7150lm	



Monochromatic: 170/850/1120/140/1690/1970mm  
 Emergency: 1130/1410/1690/1970mm  
 Tunable White: 860/1140/1420mm

\*Available in 230VAC DALI dimmable upon request.  
 \*\*Available in 2700K, 3500K and 6500K upon request.

Ordering Code Example: PALMA SF-BL-80-MP-230-40-40W141

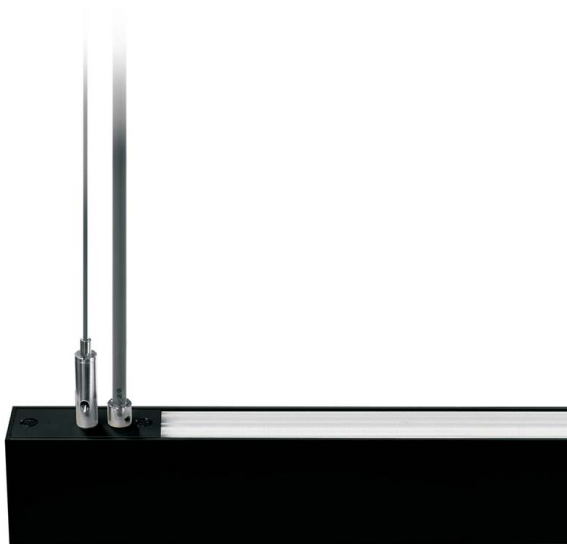


# LINILUX Series

- LINILUX linear luminaire is ideal for corridors in retail lighting due to its asymmetric & double asymmetric lenses.
- Suitable for surface or pendant application.
- L80/B10 50.000h
- 3.320LM
- Emergency Function capability (3 hours, with build-in rechargeable battery).
- Ingress Protection: IP40

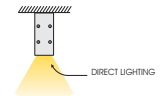
**Available upon request:**

- ✓ Custom luminaire colours
- ✓ Emergency version

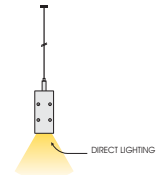
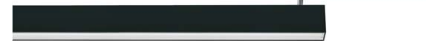


# LINILUX Series

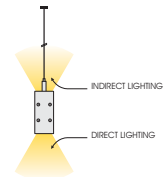
**LINILUX SF**  
(Surface)



**LINILUX PD**  
(Pendant)



**LINILUX PDDI**  
(Pendant Direct/Indirect)



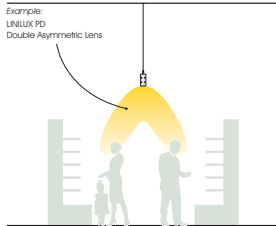
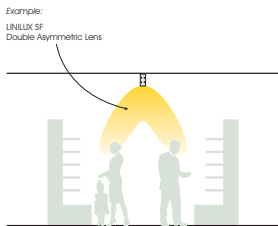


TRIDONIC



Model	Luminaire Colour	CCT	Watt / Length	CR>80 LED Source	Beam Angle	Voltage	Dimming Option	Extras
> 80 (80)								
LINILUX Surface (LINILUX SF)	Anodized (AN)	2700K (27)	17.1W / 57cm (17W057)	2600lm	40° Lens (40)	230VAC (230)	Non Dimmable (ND)	Standard (S)
	White (WH)		25.6W / 85cm (26W085)	3900lm	60° Lens (60)		Emergency (1)	
	Black (BL)		34.2W / 113cm (34W113)	5200lm	70° Lens (70)		Emergency (1) function	
LINILUX Pendant (LINILUX PD)	Anodized (AN)	2700K (27)	42.7W / 141cm (43W141)	6500lm	90° Lens (90)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function
			51.2W / 169cm (51W169)	7800lm	110° Lens (110)		DALI (DL)	Note: All 57cm and 85cm DALI Analogue (1-10V) Wireless models are not available with emergency function.
			59.8W / 197cm (60W197)	9100lm	145° Lens (145)		Wireless (WL)	
	White (WH)	3000K (30)	68.3W / 225cm (68W225)	10400lm	Asymmetric Lens (AS)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function
			76.8W / 253cm (77W253)	11700lm	Double Asymmetric Lens (DAS)			
			85.4W / 281cm (85W281)	13000lm	Double Asymmetric Lens (DAS)			
	Black (BL)	4000K (40)	17.1W / 57cm (17W057)	2680lm	40° Lens (40)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function
			25.6W / 85cm (26W085)	4020lm	60° Lens (60)			
			34.2W / 113cm (34W113)	5360lm	70° Lens (70)			
	White (WH)	3000K (30)	42.7W / 141cm (43W141)	6700lm	90° Lens (90)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function
			51.2W / 169cm (51W169)	8040lm	110° Lens (110)			
			59.8W / 197cm (60W197)	9380lm	145° Lens (145)			
Black (BL)	4000K (40)	68.3W / 225cm (68W225)	10720lm	Asymmetric Lens (AS)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function	
		76.8W / 253cm (77W253)	12060lm	Double Asymmetric Lens (DAS)				
		85.4W / 281cm (85W281)	13400lm	Double Asymmetric Lens (DAS)				

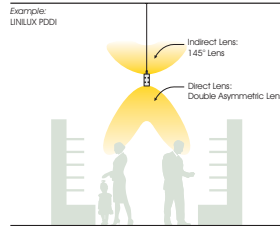
Ordering Code Example:  
LINILUX SF-AN-30-43W141-80-DAS-230-ND-1



TRIDONIC

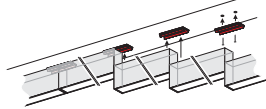


Model	Luminaire Colour	CCT	Watt / Length	CR>80 LED Source	Beam Angle	Voltage	Dimming Option	Extras
> 80 (80)								
LINILUX Pendant Direct/Indirect (LINILUX PDD)	Anodized (AN)	2700K (27)	24.4W / 57cm (24W057)	2600 - 885lm	40° Lens (40)	230VAC (230)	Non Dimmable (ND)	EMERGENCY FUNCTION (E)
			36.6W / 85cm (37W085)	3900-1475lm	60° Lens (60)		Emergency (1)	
			48.8W / 113cm (49W113)	5200-2065lm	70° Lens (70)		Emergency (1) function	
	White (WH)	3000K (30)	24.4W / 57cm (24W057)	2680 - 910lm	40° Lens (40)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function
			36.6W / 85cm (37W085)	4020-1520lm	60° Lens (60)			
			48.8W / 113cm (49W113)	5360-2125lm	70° Lens (70)			
	Black (BL)	4000K (40)	24.4W / 57cm (24W057)	2810 - 955lm	40° Lens (40)	230VAC (230)	Analogue (1-10V) (A1)	Emergency (1) function
			36.6W / 85cm (37W085)	4215-1595lm	60° Lens (60)			
			48.8W / 113cm (49W113)	5620-2230lm	70° Lens (70)			

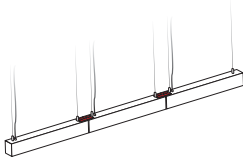
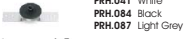
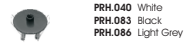
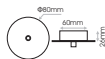


Ordering Code Example:  
LINILUX PDD-AN-30-93W225-80-DAS110-230-ND-11

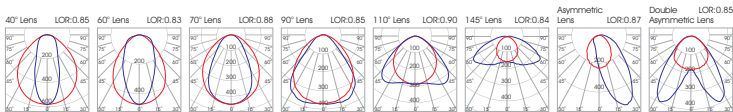
Accessories for Surface (SF)



Accessories for Pendant (PD) & Pendant Direct/Indirect (PDDI)



Polar Curves of lenses



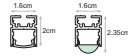


- LUMINET linear interior luminaire is available for surface, pendant installation or with brackets for wall installation.
- It is suitable for indoor wall washing as it offers a variety of beam angles (15°, 30°, 50°, 70°, 90°).
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40



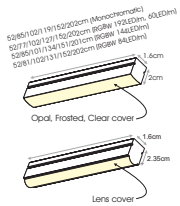
**Monochromatic Lighting management options:**  
On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/RR/PUSH BUTTON/Bluetooth

**RGBW Lighting management options:**  
DMX, DALI/Wireless Bluetooth or RF controllers

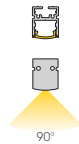


**Available upon request:**

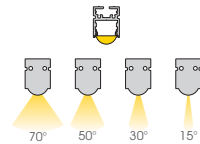
- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Opal, Frosted, Clear cover

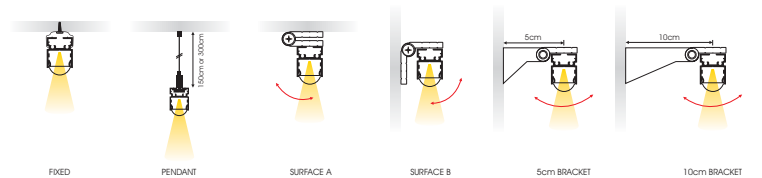


Lens cover



Model	Luminaire Colour	Colour Temperature	CRI	Watt / Length	Beam Angle (Cover Type)	Voltage	
<b>LUMINET FIXED</b> (LUMINET F1)	Anodized (AH)	2000K (20)	> 80 (80)	10.5W / 52cm (11W/052)	15° (Lens Cover) (15L)	24VDC (24)	
	White (WH)	2500K (25)		17.5W / 85cm (18W/085)	30° (Lens Cover) (30L)		
<b>LUMINET PENDANT</b> (LUMINET P1) H:180cm (LUMINET P2) H:300cm	Black (BL)	2700K (27)	21W / 102cm (21W/102)	50° (Lens Cover) (50L)	70° (Lens Cover) (70L)		
		3000K (30)	24.5W / 119cm (24W/119)	90° (Opal Cover) (90O)	90° (Frosted Cover) (90F)		
		4000K (40)	31.5W / 152cm (32W/152)	90° (Clear Cover) (90C)			
		5700K (57)	42W / 202cm (42W/202)				
<b>LUMINET SURFACE A</b> (LUMINET SA)							
<b>LUMINET SURFACE B</b> (LUMINET SB)							
<b>LUMINET 5cm BRACKET</b> (LUMINET B1)							
<b>LUMINET 10cm BRACKET</b> (LUMINET B2)							
<b>RGBW</b>							
		<b>Colour</b>		<b>Watt / Length</b>			
<b>RGBW 192LED/m*</b> (RGBW)		13.5W / 52cm (14W/052)		20.2W / 77cm (20W/077)			
		27W / 102cm (27W/102)		30.4W / 127cm (30W/127)			
		40.5W / 152cm (41W/152)		54W / 202cm (54W/202)			
	<b>RGBW 144LED/m*</b> (RGBW)		7.5W / 52cm (08W/052)		12.5W / 85cm (13W/085)		
			15W / 101cm (15W/101)		20W / 134cm (20W/134)		
		22.5W / 151cm (23W/151)		30W / 201cm (30W/201)			
<b>RGBW 84LED/m**</b> (RGBW)			13.5W / 52cm (14W/052)		21.2W / 81cm (21W/081)		
			27W / 102cm (27W/102)		34.7W / 131cm (35W/131)		
		40.5W / 152cm (41W/152)		54W / 202cm (54W/202)			
	<b>RGBW 60LED/m**</b> (RGBW)		9.8W / 52cm (10W/052)		14.6W / 77cm (15W/077)		
			19.5W / 102cm (20W/102)		24.4W / 127cm (24W/127)		
		29.4W / 152cm (29W/152)		39W / 202cm (39W/202)			

\* RGBW 192/144LED/m available with Lens Cover  
\*\* RGBW 84/60LED/m available with Opal/Frosted/Clear Cover  
Crating Code Example: LUMINET SA-WH-30-80-32W152-90F-24



# LIGUA 1



- LIGUA 1 is a linear single side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90@10 50.0000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI@.10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



# LIGUA 2

- LIGUA 2 is a linear double side light emitting luminaire suitable for decorative applications.
- Possibility of creating 90° vertical or 90° horizontal installations.
- L90@10 50.0000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI@.10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

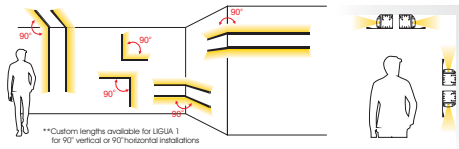
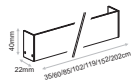


Model	Luminaire Colour	CCT	CR*	Type	Watt* / Length	Voltage
<b>LIGUA 1</b> <small>(LIGUA 1)</small>	Anodized <small>(AN)</small>	2000K <small>(20)</small>	> 80 <small>(80)</small>	Clear <small>(CL)</small>	7W / 35cm <small>(07W/035)</small>	24VDC <small>(24)</small>
	White <small>(WH)</small>	2500K <small>(25)</small>		Opal <small>(OP)</small>	12.2W / 60cm <small>(12W/060)</small>	
	Black <small>(BL)</small>	2700K <small>(27)</small>		Frosted <small>(FR)</small>	17.5W / 85cm <small>(17W/085)</small>	
		3000K <small>(30)</small>			21W / 102cm <small>(21W/102)</small>	
		4000K <small>(40)</small>			24.5W / 119cm <small>(24W/119)</small>	
		5700K <small>(57)</small>			31.5W / 152cm <small>(31W/152)</small>	
				42W / 202cm <small>(42W/202)</small>		

\*Available also in CR90 upon request

Ordering Code Example: LIGUA 1-BL-40-80-FR-31W/152-24

- Available upon request:**
- ✓ Custom dimensions\*\*
  - ✓ Custom luminaire colours
  - ✓ Emergency version

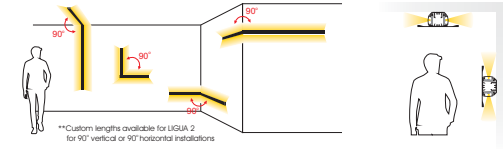
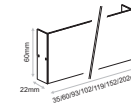


Model	Luminaire Colour	CCT	CR*	Type	Watt* / Length	Voltage
<b>LIGUA 2</b> <small>(LIGUA 2)</small>	Anodized <small>(AN)</small>	2000K <small>(20)</small>	> 80 <small>(80)</small>	Clear <small>(CL)</small>	14W / 35cm <small>(14W/035)</small>	24VDC <small>(24)</small>
	White <small>(WH)</small>	2500K <small>(25)</small>		Opal <small>(OP)</small>	24.4W / 60cm <small>(24W/060)</small>	
	Black <small>(BL)</small>	2700K <small>(27)</small>		Frosted <small>(FR)</small>	38.5W / 93cm <small>(38W/93)</small>	
		3000K <small>(30)</small>			42W / 102cm <small>(42W/102)</small>	
		4000K <small>(40)</small>			49W / 119cm <small>(49W/119)</small>	
		5700K <small>(57)</small>			63W / 152cm <small>(63W/152)</small>	
				84W / 202cm <small>(84W/202)</small>		

\*Available also in CR90 upon request

Ordering Code Example: LIGUA 2-BL-40-80-FR-63W/152-24

- Available upon request:**
- ✓ Custom dimensions\*\*
  - ✓ Custom luminaire colours
  - ✓ Emergency version

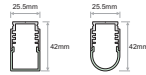






- JOY linear luminaire is available for surface or pendant application.
- L90/B10 50.000
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

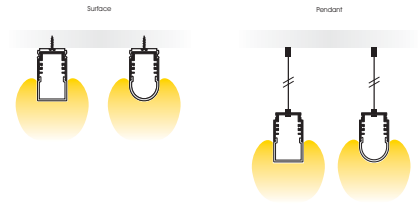
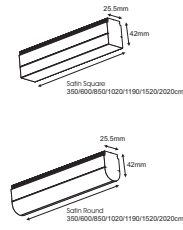


**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
JOY SURFACE <i>(JOY SF)</i>	Anodized <i>(AN)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	Satin Square <i>(SS)</i>	7W / 35cm <i>(0.7W/035)</i>	24VDC <i>(24)</i>
	White <i>(WH)</i>	2500K <i>(25N)</i>		Satin Round <i>(SR)</i>	12.2W / 60cm <i>(1.2W/060)</i>	
	Black <i>(BL)</i>	2700K <i>(27N)</i>			17.5W / 85cm <i>(1.7W/085)</i>	
JOY PENDANT <i>(JOY PD)</i>		3000K <i>(30N)</i>			21W / 102cm <i>(2.1W/102)</i>	
		4000K <i>(40N)</i>			24.5W / 119cm <i>(2.4W/119)</i>	
		5700K <i>(57N)</i>			31.5W / 152cm <i>(3.1W/152)</i>	
					42W / 202cm <i>(4.2W/202)</i>	

Ordering Code Example:  
JOY SF-BL-30N-80-SS-24W119-24



# U TYPE

- U TYPE linear luminaire is available for surface or pendant application.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

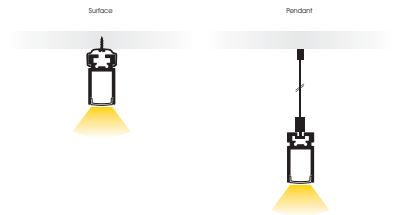
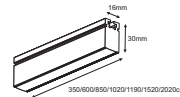
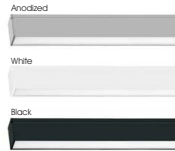


# U TYPE



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>U TYPE Surface</b> (U TYPE SF)	Anodized (AN)	2000K (20N)	> 80 (80)	Milky (ML)	7W / 35cm (07W/035)	24VDC (24)
	White (WH)	2500K (25N)		Milky Satin (MS)	12.2W / 60cm (12W/060)	
	Black (BL)	2700K (27N)		Ruled (RL)	17.5W / 85cm (17W/085)	
<b>U TYPE Pendant</b> (U TYPE PD)		3000K (30N)		Transparent (TR)	21W / 102cm (21W/102)	
		4000K (40N)			24.5W / 119cm (24W/119)	
		5700K (57N)			31.5W / 152cm (31W/152)	
					42W / 202cm (42W/202)	

Ordering Code Example:  
U TYPE SF-BL-30N-80-ML-24W/119-24



# ELECSIA



ELECSIA

- ELECSIA is a simple low depth linear luminaire suitable for surface, pendant or wall bracket installation.
- L90/810 50000h (for monochromatic models)
- 3 32°C/M (for monochromatic models)
- IP40

LIGHTSOURCE BY  
**NICHIA**  
for Monochromatic

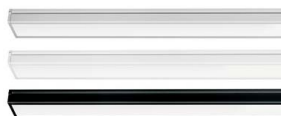
IP40

Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON



**Available upon request:**

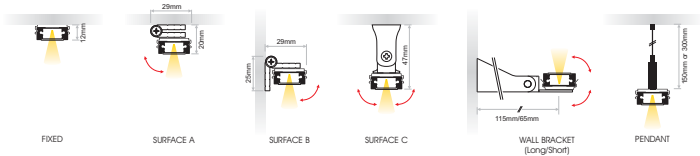
- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour*	Colour Temperature	CRI	Watt* / Length	Type	Voltage
<b>ELECSIA FIXED</b> (ELECSIA F)	Anodized (AN) White (WH) Black (BK)	2000K (20) 2500K (25) 2700K (27) 3000K (30) 4000K (40) 5700K (57)	> 80 (80)	10.5W / 52cm (11W052) 17.5W / 85.3cm (18W085) 21W / 102cm (21W102) 24.5W / 118.7cm (25W119) 31.5W / 152cm (32W152) 42W / 202cm (42W202)	Transparent (TR) Milky Soft (MS) Microprismatic (MP)	24VDC (24)
<b>ELECSIA SURFACE A</b> (ELECSIA SA)						
<b>ELECSIA SURFACE B</b> (ELECSIA SB)						
<b>ELECSIA SURFACE C</b> (ELECSIA SC)						
<b>ELECSIA SHORT BRACKET 6.5cm</b> (ELECSIA B1)						
<b>ELECSIA LONG BRACKET 11.5cm</b> (ELECSIA B2)						
<b>ELECSIA PENDANT</b> (ELECSIA P1) (ELECSIA P2)		18180cm 18300cm				
<b>RGBWW / RGBCW / RGB</b>						
		<b>Colour</b>		<b>Watt / Length</b>		
RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		13.5W / 52cm (14W052) 23.1W / 87.7cm (23W088) 27W / 102cm (27W102) 32.8W / 123.4cm (33W123) 40.5W / 152cm (41W152) 54W / 202cm (54W202)				
RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m**		9.7W / 52cm (10W052) 15.6W / 82cm (16W082) 19.5W / 102cm (20W102) 23.4W / 122cm (23W122) 29.2W / 152cm (29W152) 39W / 202cm (39W202)				
RGB (RGB) 96LED/m		11.5W / 52cm (12W052) 20.1W / 89.5cm (20W90) 23W / 102cm (23W102) 27.3W / 120.7cm (27W121) 34.5W / 152cm (35W152) 46W / 202cm (46W202)				
RGB (RGB) 60LED/m**		7.2W / 52cm (07W052) 11.6W / 82cm (12W082) 14.5W / 102cm (15W102) 17.6W / 122cm (18W122) 21.7W / 152cm (22W152) 29W / 202cm (29W202)				
RGB (RGB) 30LED/m**		3.6W / 52cm (04W052) 5.7W / 82cm (06W082) 7.2W / 102cm (07W102) 8.5W / 122cm (09W122) 10.8W / 152cm (11W152) 14.4W / 202cm (14W202)			12VDC (12)	

\* Available in other colours or/and power upon request.  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surfaces of Milky type luminaire will be affected.

Ordering Code Example: ELECSIA B1-BL-RGB60-22W152-TR-24



**ELA008**  
Antispacer for vertical installation (as extra)

Input cable with IP connectors (as extra)

Input & Output cables with IP connector (as extra)

# OMEGA

- OMEGA is a recessed linear luminaire.
- It is available with milky, milky satin, ruled, or transparent cover.
- L90,810 50.000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI0..10V/1..110V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

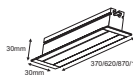
**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Wall / Length	Voltage
<b>OMEGA</b> <small>(Cable cut)</small>	Anodized <i>(AN)</i>	2000K <i>(20K)</i>	>80 <i>(80)</i>	Milky <i>(ML)</i>	7W / 37cm <i>(07W037)</i>	24VDC <i>(24)</i>
		2500K <i>(25K)</i>		Milky Satin <i>(MS)</i>	12.2W / 62cm <i>(12W062)</i>	
		2700K <i>(27K)</i>		Ruled <i>(RL)</i>	17.5W / 87cm <i>(17W087)</i>	
		3000K <i>(30K)</i>		Transparent <i>(TR)</i>	21W / 104cm <i>(21W104)</i>	
		4000K <i>(40K)</i>			24.5W / 121cm <i>(24W121)</i>	
		5700K <i>(57K)</i>			31.5W / 154cm <i>(31W154)</i>	
					42W / 204cm <i>(42W204)</i>	

Ordering Code Example:  
OMEGA-AN-30N-80-MS-24W121-24



Pivota Residence, Athens, Greece  
Tense Architecture Network  
3rd Winner of the H User  
prize as the best family residence in Europe

# SKYTUBE



SKYTUBE

- SKYTUBE linear luminaires is offered either for surface or pendant application.
- Tube Material: PMMA
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- Ingress Protection: IP40

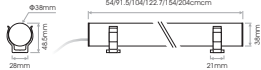
Lighting management options:  
On-Off/DALI(0..10V/1..10V)/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

**Available upon request:**

✓ Custom dimensions



**Lengths:**  
for Monochromatic:  
S487.2/1041/201.7/154/204cm  
for Tunable White:  
S479/1041/291/541/195.7cm  
for RGBWW-RGBCW 84LEDm:  
S489.7/1041/291.4/154/204cm  
for RGBWW-RGBCW 60LEDm, RGB 60LEDm, RGB 30LEDm:  
S484/1041/241/54/204cm  
for RGB 84LEDm:  
S497.2/1041/221.7/154/204cm



LIGHTSOURCE BY  
**NICHIA**  
for Monochromatic

IP40

Model	Colour Temperature	CRI	Watt / Length		Type	Voltage			
<b>SKYTUBE Surface</b> <i>(SKYTUBE SF)</i>	2000K (20)	80+ (80)	10.5W /	54cm	(11WGS-4)	Milky (M4)	24VDC (24)		
	2500K (25)		17.5W /	87.3cm	(18WGB7)				
	2700K (27)		21W /	104cm	(21WHD4)				
	3000K (30)		24.5W /	120.7cm	(25W121)				
<b>SKYTUBE Pendant</b> <i>(SKYTUBE PF)</i>	4000K (40)	80+ (80)	31.5W /	154cm	(33W154)				
	5700K (57)		42W /	204cm	(42W204)				
	<b>TUNABLE WHITE</b>								
	Tunable White 2700K-5700K <i>(TW)</i>		80+ (80)	10W /	54cm			(10WGS-4)	
	15W /	79cm		(15WGP79)					
	20W /	104cm		(20W104)					
	25W /	129cm		(25W129)					
	30W /	154cm	30W154	(30W154)					
	38.3W /	195.7cm	38.3W195	(38W195)					
<b>RGBWW / RGBCW / RGB</b>									
<b>Colour</b>		<b>Watt / Length</b>							
RGBWW (RGBWW)		13.5W /	54cm	(14WGS-4)					
RGBCW (RGBCW)		23.1W /	89.7cm	(23W090)					
84LEDm		27W /	104cm	(27W104)					
		32.8W /	125.4cm	(33W125)					
		40.5W /	154cm	(41W154)					
		54W /	204cm	(54W204)					
RGBWW (RGBWW)		9.7W /	54cm	(10WGS-4)					
RGBCW (RGBCW)		15.6W /	84cm	(16WGS-4)					
60LEDm*		19.5W /	104cm	(20W104)					
		23.4W /	124cm	(23W124)					
		29.2W /	154cm	(29W154)					
		39W /	204cm	(39W204)					
RGB (RGB6)		11.5W /	54cm	(12WGS-4)					
96LEDm		20.1W /	91.5cm	(20W092)					
		23W /	104cm	(23W104)					
		27.3W /	122.7cm	(27W123)					
		34.5W /	154cm	(35W154)					
		46W /	204cm	(46W204)					
RGB (RGB8)		7.2W /	54cm	(07WGS-4)					
60LEDm*		11.6W /	84cm	(12WGS-4)					
		14.5W /	104cm	(15W104)					
		17.4W /	124cm	(17W124)					
		21.7W /	154cm	(22W154)					
		29W /	204cm	(29W204)					
RGB (RGB30)		3.6W /	54cm	(04WGS-4)		12VDC (12)			
30LEDm*		5.7W /	84cm	(06WGS-4)					
		7.2W /	104cm	(07W104)					
		8.6W /	124cm	(09W124)					
		10.5W /	154cm	(11W154)					
		14.4W /	204cm	(14W203)					

\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: SKYTUBE SF-30-80-25W121-ML-24



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artochias St, N.Philadelpia, 14341 Athens, Greece. info@electron.gr, www.electron.gr



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artochias St, N.Philadelpia, 14341 Athens, Greece. info@electron.gr, www.electron.gr

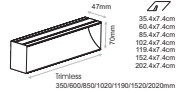
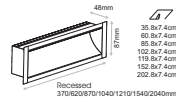
# ARC

- ARC linear luminaire available for trimless or recessed application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>ARC Recessed</b> <i>(ARC RC)</i>	White <i>(WH)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	Milky <i>(ML)</i>	7W / 37cm <i>(07W037)</i>	24VDC <i>(24)</i>
		2500K <i>(25N)</i>	Milky Satin <i>(MS)</i>	12.2W / 60cm <i>(12W060)</i>		
		2700K <i>(27N)</i>	Ruled	17.5W / 87cm <i>(17W087)</i>		
		3000K <i>(30N)</i>	Transparent <i>(TR)</i>	21W / 104cm <i>(21W104)</i>		
		4000K <i>(40N)</i>	24.5W / 121cm <i>(24W121)</i>			
		5700K <i>(57N)</i>	31.5W / 154cm <i>(31W154)</i>			
<b>ARC Trimless</b> <i>(ARC TR)</i>	White <i>(WH)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	Milky <i>(ML)</i>	7W / 35cm <i>(07W035)</i>	24VDC <i>(24)</i>
		2500K <i>(25N)</i>	Milky Satin <i>(MS)</i>	12.2W / 60cm <i>(12W060)</i>		
		2700K <i>(27N)</i>	Ruled	17.5W / 85cm <i>(17W085)</i>		
		3000K <i>(30N)</i>	Transparent <i>(TR)</i>	21W / 102cm <i>(21W102)</i>		
		4000K <i>(40N)</i>	24.5W / 119cm <i>(24W119)</i>			
		5700K <i>(57N)</i>	31.5W / 152cm <i>(31W152)</i>			

Ordering Code Example: ARC RC-WH-30N-80-MS-42W204-24

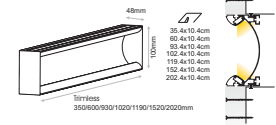
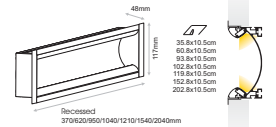


- ARC 2 linear luminaire available for trimless or recessed application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

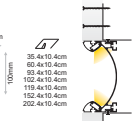
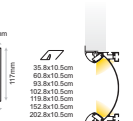
### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>ARC 2 Recessed</b> <i>(ARC 2 RC)</i>	White <i>(WH)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	Milky <i>(ML)</i>	14W / 37cm <i>(14W037)</i>	24VDC <i>(24)</i>
		2500K <i>(25N)</i>	Milky Satin <i>(MS)</i>	24.4W / 62cm <i>(24W062)</i>		
		2700K <i>(27N)</i>	Ruled	38.5W / 95cm <i>(38W095)</i>		
		3000K <i>(30N)</i>	Transparent <i>(TR)</i>	42W / 104cm <i>(42W104)</i>		
		4000K <i>(40N)</i>	49W / 121cm <i>(49W121)</i>			
		5700K <i>(57N)</i>	63W / 154cm <i>(63W154)</i>			
<b>ARC 2 Trimless</b> <i>(ARC 2 TR)</i>	White <i>(WH)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	Milky <i>(ML)</i>	14W / 35cm <i>(14W035)</i>	24VDC <i>(24)</i>
		2500K <i>(25N)</i>	Milky Satin <i>(MS)</i>	24.4W / 60cm <i>(24W060)</i>		
		2700K <i>(27N)</i>	Ruled	38.5W / 95cm <i>(38W095)</i>		
		3000K <i>(30N)</i>	Transparent <i>(TR)</i>	42W / 102cm <i>(42W102)</i>		
		4000K <i>(40N)</i>	49W / 119cm <i>(49W119)</i>			
		5700K <i>(57N)</i>	63W / 152cm <i>(63W152)</i>			

Ordering Code Example: ARC 2 TR-WH-30N-80-MS-84W202-24



# ARC 3

- ARC 3 linear luminaire suitable for trimless application.
- L90/B10 50000h
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI(0..10V)1..10V/DMX512/PHASE CUT/RR/FF/PUSH BUTTON/Bluetooth

**Available upon request:**

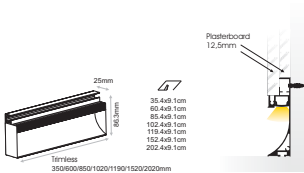
- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>ARC 3</b> Trimless (ARC 3 TR)	White (WH)	2000K (20N)	> 80 (80)	Milky (ML)	7W / 35cm (0.7W/35)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	12.2W / 60cm (1.2W/60)	
		2700K (27N)		Ruled (RL)	17.5W / 85cm (1.7W/85)	
		3000K (30N)		Ruled Transparent (RT)	21W / 102cm (2.1W/102)	
		4000K (40N)			24.5W / 119cm (2.4W/119)	
		5700K (57N)			31.5W / 152cm (3.1W/152)	
				42W / 202cm (4.2W/202)		



Ordering Code Example:  
ARC 3 TR-WH-30N-80-MS-42W202-24



# STAIR DUE

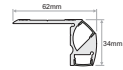
- STAIRDUE linear luminaire with double light emittance for illuminating stairs.
- Special position of LEDs in the upper part ensures a glare free illumination.
- L90/B10 50000h
- 3 SDCM
- IP30

Lighting management options:  
On-Off/DALI(0..10V)1..10V/DMX512/PHASE CUT/RR/FF/PUSH BUTTON/Bluetooth

**IP66 Available upon request!**

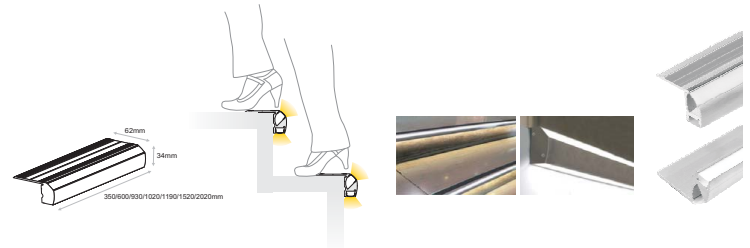
**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
<b>STAIR DUE</b> (STAIR DUE)	Anodized Black (AB) Anodized Silver (AS)	2000K (20N)	> 80 (80)	Milky (ML)	14W / 35cm (1.4W/35)	24VDC (24)
		2500K (25N)		Milky Satin (MS)	24.4W / 60cm (2.4W/60)	
		2700K (27N)		Ruled (RL)	38.5W / 93cm (3.8W/93)	
		3000K (30N)		Ruled Transparent (RT)	42W / 102cm (4.2W/102)	
		4000K (40N)			49W / 119cm (4.9W/119)	
		5700K (57N)			63W / 152cm (6.3W/152)	
				84W / 202cm (8.4W/202)		

Ordering Code Example:  
STAIR DUE-AB-30N-80-ML-63W152-24





# CORNER II

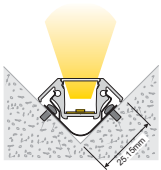
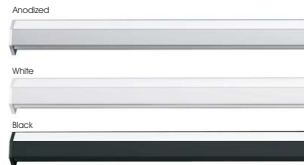
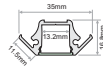


# CORNER II

- CORNER II linear luminaire is available with clear, frosted or milky cover.
- L90/B10 50000h (for monochromatic models)
- 3 SDCM (for monochromatic models)
- IP40

Lighting management options:  
On-Off/DALI(0..10V)/1..10V/DMX512/PHASE CUT/RR/PUSH BUTTON/Bluetooth

- Available upon request:**
- ✓ Custom dimensions
  - ✓ Custom luminaire colours



LIGHTSOURCES BY  
**NICHIA**  
for professionals

IP40

Model	Luminaire Colour*	Colour Temperature	CR	Watt* / Length	Type	Voltage
<b>CORNER II</b> (CORNER II)	Anodized (AN)	2000K (20)	80+ (80)	10.5W / 53cm	Clear (CL)	24VDC (24)
	White (WH)	2500K (25)		15.8W / 78cm	Frosted (FR)	
	Black (BL)	2700K (27)		21W / 103cm	Milky Satin (MS)	
		3000K (30)		24.5W / 119.7cm		
		4000K (40)		31.5W / 153cm		
		5700K (57)		42W / 203cm		
<b>TUNABLE WHITE</b>						
		Colour Temperature	CR	Watt* / Length		
		Tunable White 2700K-5700K (TW)	80+ (80)	10W / 53cm 15W / 78cm 20W / 103cm 25W / 128cm 30W / 153cm 40W / 203cm		
<b>RGBWW / RGBCW / RGB</b>						
		Colour		Watt* / Length		
		RGBWW (RGBWW) RGBCW (RGBCW) 84LED/m		13.5W / 53cm 23.1W / 88.7cm 2.7W / 103cm 32.8W / 124.4cm 40.5W / 153cm 54W / 203cm		
		RGBWW (RGBWW) RGBCW (RGBCW) 60LED/m**		9.7W / 53cm 15.6W / 83cm 19.5W / 103cm 23.4W / 123cm 29.2W / 153cm 39W / 203cm		
		RGB (RGB) 96LED/m		11.5W / 53cm 20.1W / 90.5cm 23W / 103cm 27.3W / 121.7cm 34.5W / 153cm 46W / 203cm		
		RGB (RGB) 60LED/m**		7.2W / 53cm 11.6W / 83cm 14.5W / 103cm 17.4W / 123cm 21.7W / 153cm 29W / 203cm		
		RGB (RGB) 30LED/m**		3.6W / 53cm 5.7W / 83cm 7.2W / 103cm 8.6W / 123cm 10.8W / 153cm 14.4W / 203cm		12VDC (12)

\* Available in other colours or/and power upon request.  
\*\* The LED density of these ribbons is low thus, the homogeneity of lighting surface of Milky type luminaire will be affected.

Ordering Code Example: CORNER II-BL-30-80-25W/120-MS-24

# ARTTUBE

- ARTTUBE linear luminaire is available with 15° or 35° degrees.
- L90/B10 55000lm
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



- ARTBAR linear luminaire is available with 15° or 35° degrees.
- L90/B10 55000lm
- 3 SDCM
- IP40

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

**Available upon request:**

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version

# ARTBAR



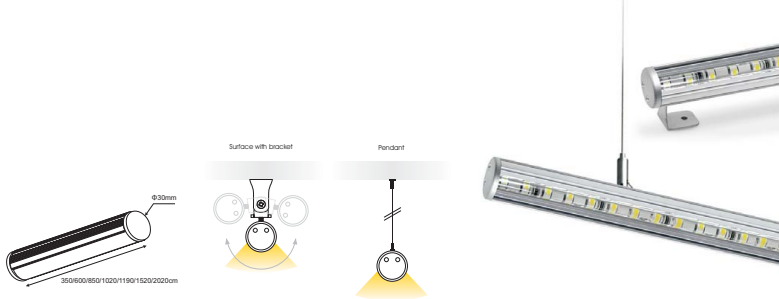
Model	Luminaire Colour	CCT	CRI	Type	Watt / Length	Voltage
ARTTUBE Surface <i>[ARTTUBE SF]</i>	Anodized <i>(AN)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	15° <i>(15)</i>	7W / 35cm <i>(07W035)</i>	24VDC <i>(24)</i>
		2500K <i>(25N)</i>		35° <i>(35)</i>	12.2W / 60cm <i>(12W060)</i>	
		2700K <i>(27N)</i>		Milky <i>(ML)</i>	12.2W / 60cm <i>(12W060)</i>	
ARTTUBE Pendant <i>[ARTTUBE PD]</i>	Anodized <i>(AN)</i>	3000K <i>(30N)</i>		Transparent <i>(TR)</i>	17.5W / 85cm <i>(17W085)</i>	
		4000K <i>(40N)</i>			21W / 102cm <i>(21W102)</i>	
		4000K <i>(40N)</i>			24.5W / 119cm <i>(24W119)</i>	
		5700K <i>(57N)</i>			31.5W / 152cm <i>(31W152)</i>	
					42W / 202cm <i>(42W202)</i>	

Ordering Code Example: ARTTUBE SF-AN-30N-80-ML-24W119-24



Model	Luminaire Colour	CCT	CRI	Beam Angle	Watt / Length	Voltage
ARTBAR <i>[ARTBAR]</i>	Anodized <i>(AN)</i>	2000K <i>(20N)</i>	> 80 <i>(80)</i>	15° <i>(15)</i>	7W / 35cm <i>(07W035)</i>	24VDC <i>(24)</i>
		2500K <i>(25N)</i>		35° <i>(35)</i>	12.2W / 60cm <i>(12W060)</i>	
		2700K <i>(27N)</i>			12.2W / 60cm <i>(12W060)</i>	
ARTBAR	Anodized <i>(AN)</i>	3000K <i>(30N)</i>			17.5W / 85cm <i>(17W085)</i>	
		4000K <i>(40N)</i>			21W / 102cm <i>(21W102)</i>	
		4000K <i>(40N)</i>			24.5W / 119cm <i>(24W119)</i>	
		5700K <i>(57N)</i>			31.5W / 152cm <i>(31W152)</i>	
					42W / 202cm <i>(42W202)</i>	

Ordering Code Example: ARTBAR-AN-30N-80-35-24W119-24



# ELECSYS / ELECSYS QUATRO



- Linear LED lighting with transparent or milky cover.
- Monochromatic or RGBin1 (Common Anode).
- L90, B10 50.000h (for monochromatic models)
- IP40



### Monochromatic lighting management options:

- DMX 512 controllers & converters 0-10V or 1-10V or simple push buttons.
- Wireless IR & RF control units.
- DALI Protocol devices.

### RGBin1 lighting management options:

- 4 channels DMX controller with 24VDC PWM output.



### Available upon request:

- ✓ Custom dimensions
- ✓ Custom luminaire colours
- ✓ Emergency version



Model	Luminaire Colour	Colour Temperature	CRI	Type	Watt <sup>1</sup> / Length	Voltage	
ELECSYS <i>(ELECSYS)</i>	Anodized (AN) White (WH) Black (BL)	2000K (20)	> 80 (S0)	Transparent (TR) Milky (ML)	7W / 36.3cm (07W036)	24VDC (24)	
		2500K (25)			10.5W / 53cm (10W053)		
		2700K (27)			17.5W / 86.3cm (17W086)		
		3000K (30)			21W / 103cm (21W103)		
		4000K (40)			24.5W / 119.7cm (24W120)		
		5700K (57)			31.5W / 153cm (31W153)		
					42W / 203cm (42W203)		
		TUNABLE WHITE Tunable White 2700K-5700K (TW)			6.7W / 36.3cm (07W036)		
					10W / 53cm (10W053)		
					15W / 78cm (15W078)		
	20W / 103cm (20W103)						
	25W / 128cm (25W128)						
	30W / 153cm (30W153)						
	40W / 203cm (40W203)						
ELECSYS QUATRO <i>(ELECSYS QUATRO)</i>	RGBWin1 RGBWin1 (RGBW)			7.8W / 31cm (08W031)			
				15.6W / 60cm (15W060)			
				21.4W / 81cm (21W081)			
				33.1W / 124cm (33W124)			
				48.6W / 182cm (48W182)			
				53.5W / 197cm (53W197)			

\* Available in other colours or/and power upon request.

Ordering Code Example: ELECSYS-AN-30-80-ML-21W103-24



Monochromatic  
363/330/863/1030/1197/1530/2030mm  
RGBin1  
310/300/810/1240/1820/1970mm

with Stainless Steel Holder



with Bracket

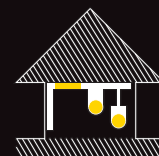


ELA.008  
STAINLESS STEEL HOLDER  
(as standard)



ACC.048  
BRACKET  
(as extra)

# INTERIORS SYSTEMS





Hotel Juliani, St Julians, Malta

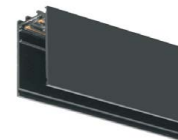


## CLICK IT SYSTEM

- Click It is an elegant system ideal for highly demanding aesthetically spaces.
- The system is available in surface, pendant and trimless version.
- Flexibility and easiness in the repositioning of the luminaires with a click.
- It is offered with a vast variety of accessories for limitless design in the final layout.
- Click It Spots include: three sized spots, zoom spot, frame and gobos spots.
- Click It Linear luminaires include: linear spots, linear wash, and four sized linear ambient luminaires.
- Click It Tubes include: two sized tubes rotatable 340degrees ensuring an interesting pattern.
- Click It Decorative luminaires include: two pendant cylindrical fixtures, a sphere spot and a pendant sphere.
- The system is offered in 42 PWM Dimmable or Wireless Dimmable or 48 DALI Dimmable.
- Track max amperage 10A.

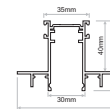
### Click It Surface Track

Code	Model	Length	Colour
<b>CLK.013</b>	Click It Surface Track	2m	Black
<b>CLK.014</b>	Click It Surface Track	3m	Black
<b>CLK.016</b>	Click It Surface Track	2m	White
<b>CLK.017</b>	Click It Surface Track	3m	White



### Click It Trimless Track

Code	Model	Length	Colour
<b>CLK.001</b>	Click It Trimless Track	2m	Black
<b>CLK.002</b>	Click It Trimless Track	3m	Black
<b>CLK.004</b>	Click It Trimless Track	2m	White
<b>CLK.005</b>	Click It Trimless Track	3m	White



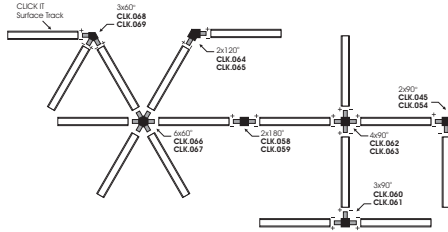
Hotel Juliani, St Julians, Malta

## SURFACE POWER CONNECTORS for CLICK IT System

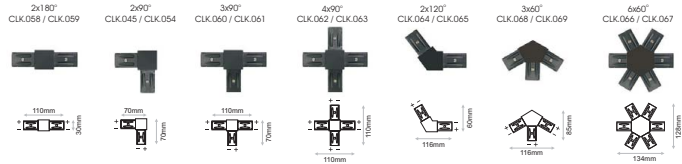


### SURFACE

Code*	Description	Colour
CLK.058	2x180 Connector Surface	Black
CLK.059	2x180 Connector Surface	White
CLK.045	2x90 Connector Surface	Black
CLK.054	2x90 Connector Surface	White
CLK.060	3x90 Connector Surface	Black
CLK.061	3x90 Connector Surface	White
CLK.062	4x90 Connector Surface	Black
CLK.063	4x90 Connector Surface	White
CLK.064	2x120 Connector Surface	Black
CLK.065	2x120 Connector Surface	White
CLK.068	3x60 Connector Surface	Black
CLK.069	3x60 Connector Surface	White
CLK.066**	6x60 Connector Surface	Black
CLK.067**	6x60 Connector Surface	White



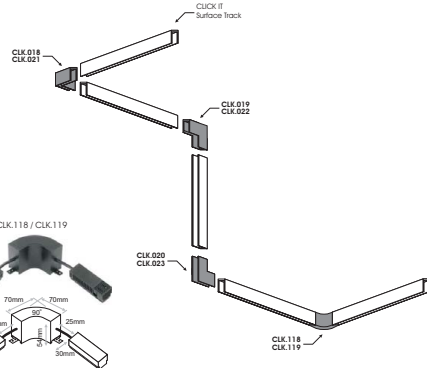
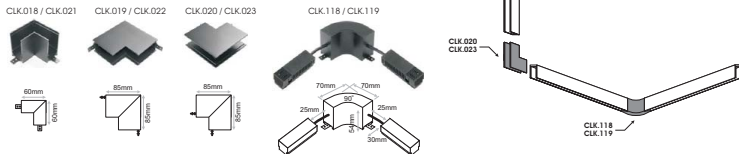
\* Surface connectors electrical polarity is as shown. Possibility to change the electrical polarity to meet the geometry requirements of any spaces.  
\*\* CLK.066 / CLK.067 is surface track connector without power connectivity.



## SURFACE PREFABRICATED CORNERS 90° for CLICK IT System

### SURFACE

Code	Description	Colour
CLK.018	L CORNER Surface Ceiling to Ceiling	Black
CLK.021	L CORNER Surface Ceiling to Ceiling	White
CLK.019	L CORNER Surface Ceiling to Wall IN	Black
CLK.022	L CORNER Surface Ceiling to Wall IN	White
CLK.020	L CORNER Surface Ceiling to Wall OUT	Black
CLK.023	L CORNER Surface Ceiling to Wall OUT	White
CLK.118	CURVED 90° CORNER for Surface Track	Black
CLK.119	CURVED 90° CORNER for Surface Track	White

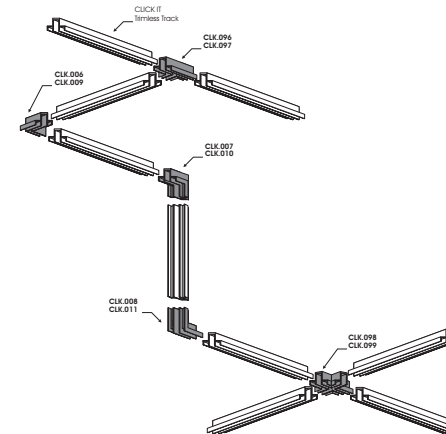
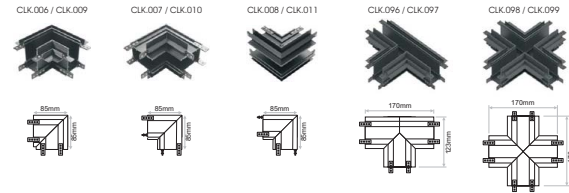


## TRIMLESS PREFABRICATED CORNERS 90° for CLICK IT System



### TRIMLESS

Code	Description	Colour
CLK.006	L CORNER Trimless Ceiling to Ceiling	Black
CLK.009	L CORNER Trimless Ceiling to Ceiling	White
CLK.007	L CORNER Trimless Ceiling to Wall IN	Black
CLK.010	L CORNER Trimless Ceiling to Wall IN	White
CLK.008	L CORNER Trimless Ceiling to Wall OUT	Black
CLK.011	L CORNER Trimless Ceiling to Wall OUT	White
CLK.096	T Connector Trimless	Black
CLK.097	T Connector Trimless	White
CLK.098	+ Connector Trimless	Black
CLK.099	+ Connector Trimless	White



# ACCESSORIES for CLICK IT System



# ACCESSORIES for CLICK IT System

Code Description Colour

**CLK.024** Live End with 1,5m cable  
**CLK.025** Live End with 1,5m cable

Black  
 White



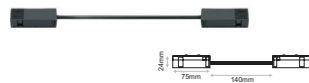
**CLK.033** Live End with 0,6m cable  
**CLK.034** Live End with 0,6m cable

Black  
 White



**CLK.035** Live end no cable / straight connector  
**CLK.036** Live end no cable / straight connector

Black  
 White

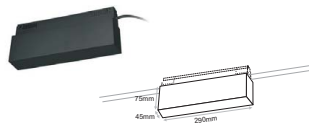


**CLK.038** Adjustable Live Connector for track  
**CLK.039** Adjustable Live Connector for track

Black  
 White

**CLK.208** Diver Box 150W 42V ND  
**CLK.211** Diver Box 150W 42V ND

Black  
 White



**CLK.202** Diver Box 150W 42V WIRELESS (CASSA-MB)  
**CLK.205** Diver Box 150W 42V WIRELESS (CASSA-MB)

Black  
 White

**CLK.029** Black Cover 2m  
**CLK.030** Black Cover 3m

Black  
 Black

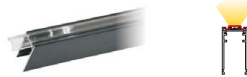


**CLK.103** White Cover 2m  
**CLK.104** White Cover 3m

White  
 White

**CLK.121** PMMA Transparent Cover for Indirect Lighting 2m

Transparent



Code Description Colour

**CLK.031** End Cap Trimless & Surface  
**CLK.032** End Cap Trimless & Surface

Black  
 White



**CLK.037** Extension Line Connector  
**CLK.105** Extension Line Connector

Black  
 White



**CLK.935** Luminaire Stop for Vertical Installation  
**CLK.936** Luminaire Stop for Vertical Installation

Black  
 White



**PRH.082** Canopy Surface BLACK  
**PRH.039** Canopy Surface WHITE

Black  
 White



**PRH.083** Canopy Recessed BLACK  
**PRH.040** Canopy Recessed WHITE

Black  
 White



**PRH.084** Canopy Trimless BLACK  
**PRH.041** Canopy Trimless WHITE

Black  
 White



**ACC.291** Ceiling Suspension Installation 1,5m  
**ACC.292** Ceiling Suspension Installation 3m



# CLICK IT SPOT 22W

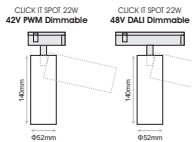
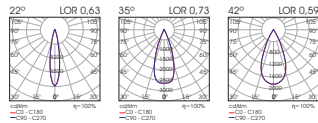


- Click It S22 spot is the highest sized spot of Click It system.
- It is rotatable 320 degrees.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot
- UGR<19(42°) / UGR<15(35°) / UGR<17(22°)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
<b>CLICK IT SPOT 22.3W</b> <i>(CLICK IT S22)</i>	C980			Adjustable [A2]	80 [80]	22° [22]	White [WH]	42V PWM Dimmable [DM]	Standard Honeycomb (0/1) Line spread lens (2/1) Softening lens (3/1) EXTRAS No Extras (1/0) Snoot Black (1/1) Half Snoot Black (1/2) Frosted Cover (1/3) Snoot White (1/4) Half Snoot White (1/5)	
	2700K [27C]	2465lm	3000K [30C]			35° [35]	Black [BL]	48V DALI Dimmable [DL]		
	4000K [40C]	2837lm	5000K [50C]			42° [42]				
	C990				90 [90]	2700K [27C]	1850lm			
	3000K [30C]	1921lm								
	4000K [40C]	2125lm	5000K [50C]			1985lm				

Ordering Code Example: **CLICK IT S22-30C-AD-80-35-WH-DL-00**



Tilt 90°  
Rotate 320°



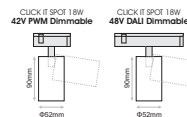
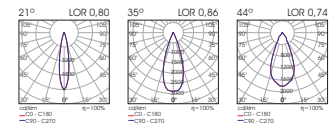
# CLICK IT SPOT 18W

- Click It S18 spot is the middle sized spot of Click It system.
- It is rotatable 320 degrees.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot.
- UGR<20(44°) / UGR<13(35°) / UGR<15(21°)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
<b>CLICK IT SPOT 17.6W</b> <i>(CLICK IT S18)</i>	C980			Adjustable [A2]	80 [80]	21° [21]	White [WH]	42V PWM Dimmable [DM]	Standard Honeycomb (0/1) Line spread lens (2/1) Softening lens (3/1) EXTRAS No Extras (1/0) Snoot Black (1/1) Half Snoot Black (1/2) Frosted Cover (1/3) Snoot White (1/4) Half Snoot White (1/5)	
	2700K [27C]	1518lm	3000K [30C]			35° [35]	Black [BL]	48V DALI Dimmable [DL]		
	4000K [40C]	1634lm	5000K [50C]			44° [44]				
	C990				90 [90]	2700K [27C]	1143lm			
	3000K [30C]	1225lm								
	4000K [40C]	1225lm	5000K [50C]			1310lm				

Ordering Code Example: **CLICK IT S18-30C-AD-80-35-WH-DL-00**



Tilt 90°  
Rotate 320°



## CLICK IT SPOT 7W

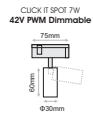


- Click It 7W spot is the smallest in size spot of Click It system.
- It is a miniaturized spot with a diameter of 30mm.
- It is a rotatable 320 degrees.
- Available in black or white colour.
- UGR < 21 (46°) / UGR < 14 (32°) / UGR < 17 (27°)
- L90/B10 50.000h
- 3SDCM

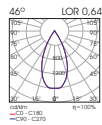
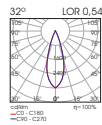
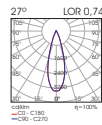


Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
<b>CLICK IT SPOT 7W</b> <i>(CLICK IT 5.7)</i>	2700K (27C)	C880 636lm	Adjustable (AD)	80 (80)	27° (27)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	C890 682lm			32° (32)	Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	736lm			46° (46)		
	5000K (50C)	630lm					

Ordering Code Example: *CLICK IT 5.7-30C-AD-80-32-WH-DL*



TR 90°  
Rotate 320°



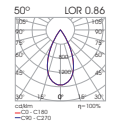
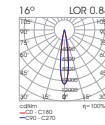
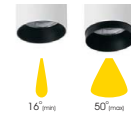
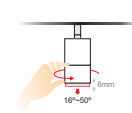
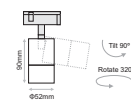
## CLICK IT ZOOM SPOT 12W

- Click It Zoom spot of Click It system is a flexible spot that allows selection of the beam angle from 16 to 50 degrees.
- It is rotatable 320 degrees.
- Available in black or white colour.
- UGR < 19 (50°) / UGR < 12 (16°)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Beam Angle	Type	Colour	Dimming Option
<b>CLICK IT ZOOM SPOT 12W</b> <i>(CLICK IT ZS12)</i>	2700K (27C)	80 (80)	90 (90)	Adjustable (1650) Adjustable (AD)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30C)	1194mm	992mm			
	4000K (40C)	1257mm	1055mm			
		1307mm	1106mm			

Ordering Code Example: *CLICK IT ZS12-30C-80-1650-AD-WH-DL*







ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



d22 Showroom, Athens, Greece  
Architect: Nikos Glitz

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

## CLICK IT FRAME SPOT 13W



- Click It Zoom Frame is ideal to highlight artwork that requires a lighting frame.
- It is rotatable 320 degrees.
- Available in black or white colour.
- L90/B10 50.000m
- 3SDCM

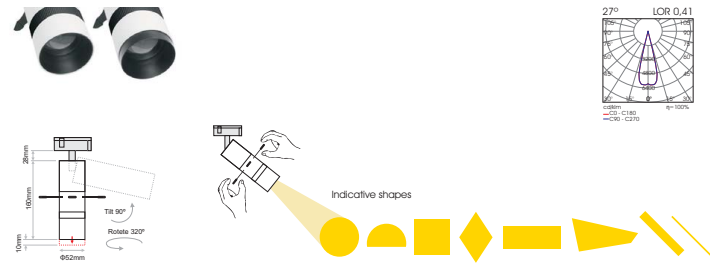


### Frame Spot



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	
<b>CLICK IT FRAME SPOT 12.8W</b> <small>(CLICK IT FR S13)</small>	2700K (27C)	C880 1102nm	Adjustable (AD)	80 (80) 90 (90)	27° max (27)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)	
	3000K (30C)	C990 1148nm						925nm
	4000K (40C)	1211nm						1015nm
5000K (50C)	1226nm	1030nm						

Ordering Code Example: **CLICK IT FR S13-30C-AD-80-27-WH-DL**



## CLICK IT GOBO SPOT 13W

- Click It Zoom Gobo is suitable for applications where a logo, a photo or any other custom projection is required.
- Gobo material: glass
- It is rotatable 320 degrees.
- Available in black or white colour.
- L90/B10 50.000m
- 3SDCM

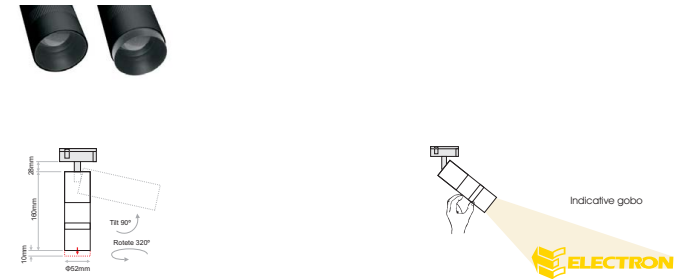


### Gobo Spot



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	
<b>CLICK IT GOBO SPOT 12.8W</b> <small>(CLICK IT GB S13)</small>	2700K (27C)	C880 1102nm	Adjustable (AD)	80 (80) 90 (90)	27° max (27)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)	
	3000K (30C)	C990 1148nm						925nm
	4000K (40C)	1211nm						1015nm
5000K (50C)	1226nm	1030nm						

Ordering Code Example: **CLICK IT GB S13-30C-AD-80-WH-DL**



# CLICK IT LINEAR SPOT 15W

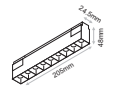
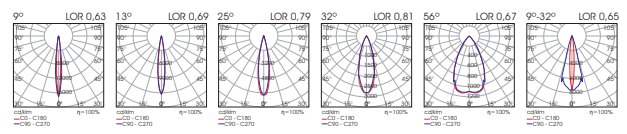


- Click It LS15 is a directional linear luminaire of Click It System.
- Available in black or white colour.
- With a selection of beam angles to meet any lighting requirements.
- Length of 205mm.
- UGR < 19(56°) / UGR < 14(32°) / UGR < 10(25°) / UGR < 10(13°) / UGR < 10(9°) / UGR < 11(9-32°)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Colour	Dimming Option
<b>CLICK IT LINEAR SPOT 14.9W</b> <i>(CLICK IT LS15)</i>	2700K (27C)	1332lm	1098lm	9° (N/A)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	1404lm	1170lm	13° (N/A)	Black (BL)	48V DALI Dimmable (DK)
	4000K (40C)	1476lm	1332lm	25° (N/A)		
	5000K (50C)	1476lm	1332lm	32° (N/A)		
				56° (N/A)		
				9°-32° (AS)	Asymmetric	

Ordering Code Example: *CLICK IT LS15-30C-80-MD-BL-DL*



# CLICK IT LINEAR WASH 14W

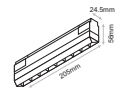
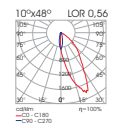


- Click It LW14 is a linear wash luminaire of Click It System.
- Available in black or white colour.
- With a beam angle of 10x48 degrees.
- Length of 205mm.
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Colour	Dimming Option
<b>CLICK IT LINEAR WASH 14W</b> <i>(CLICK IT LW14)</i>	2700K (27C)	1250lm	1026lm	10°x48° (10x48)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	1332lm	1098lm		Black (BL)	48V DALI Dimmable (DK)
	4000K (40C)	1404lm	1250lm			
	5000K (50C)	1404lm	1250lm			

Ordering Code Example: *CLICK IT LW14-30C-80-10x48-BL-DM*



## CLICK IT AMBIENT 35W

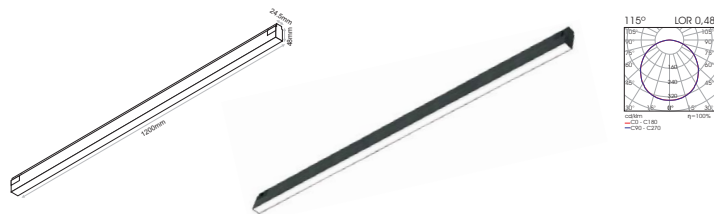


- Click It A35 spot is the largest sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 1200mm
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source		Type	CRI	Beam Angle	Colour	Dimming Option
		CR80	CR90					
<b>CLICK IT AMBIENT 34.6W</b> <small>(CLICK IT A35)</small>	2700K (278)	5525lm	4144lm	Fixed (FX)	80 (80)	115° (115)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (308)	5860lm	4395lm					
	4000K (408)	6165lm	4624lm					
	5000K (508)	6165lm	4624lm					

Ordering Code Example: CLICK IT A35-308-FX-80-115-WH-DL



## CLICK IT AMBIENT 25W

- Click It A25 spot is the larger mid-sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 800mm.
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source		Type	CRI	Beam Angle	Colour	Dimming Option
		CR80	CR90					
<b>CLICK IT AMBIENT 24.8W</b> <small>(CLICK IT A25)</small>	2700K (278)	3960lm	2970lm	Fixed (FX)	80 (80)	115° (115)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (308)	4200lm	3150lm					
	4000K (408)	4440lm	3330lm					
	5000K (508)	4440lm	3330lm					

Ordering Code Example: CLICK IT A25-308-FX-80-115-WH-DL



## CLICK IT AMBIENT 12W

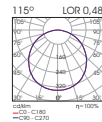


- Click It A25 spot is the smaller mid-sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 407mm.
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source		Type	CRI	Beam Angle	Colour	Dimming Option
<b>CLICK IT AMBIENT 12.4W</b> <small>(CLICK IT A12)</small>	2700K (27B)	C980	C990	Fixed (FX)	80 (80)	115° (115)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30B)	1980lm	1485lm					
	4000K (40B)	2100lm	1575lm					
5000K (50B)	2220lm	1665lm						

Ordering Code Example: **CLICK IT A12-30B-FX-80-115-WH-DL**



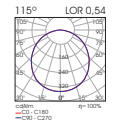
## CLICK IT AMBIENT 9W

- Click It A9 spot is the smallest sized available linear ambient luminaire of Click It system.
- Available in black or white colour.
- Beam angle of 115 degrees and length of 205mm.
- L90/B10 50.000h
- 3SDCM



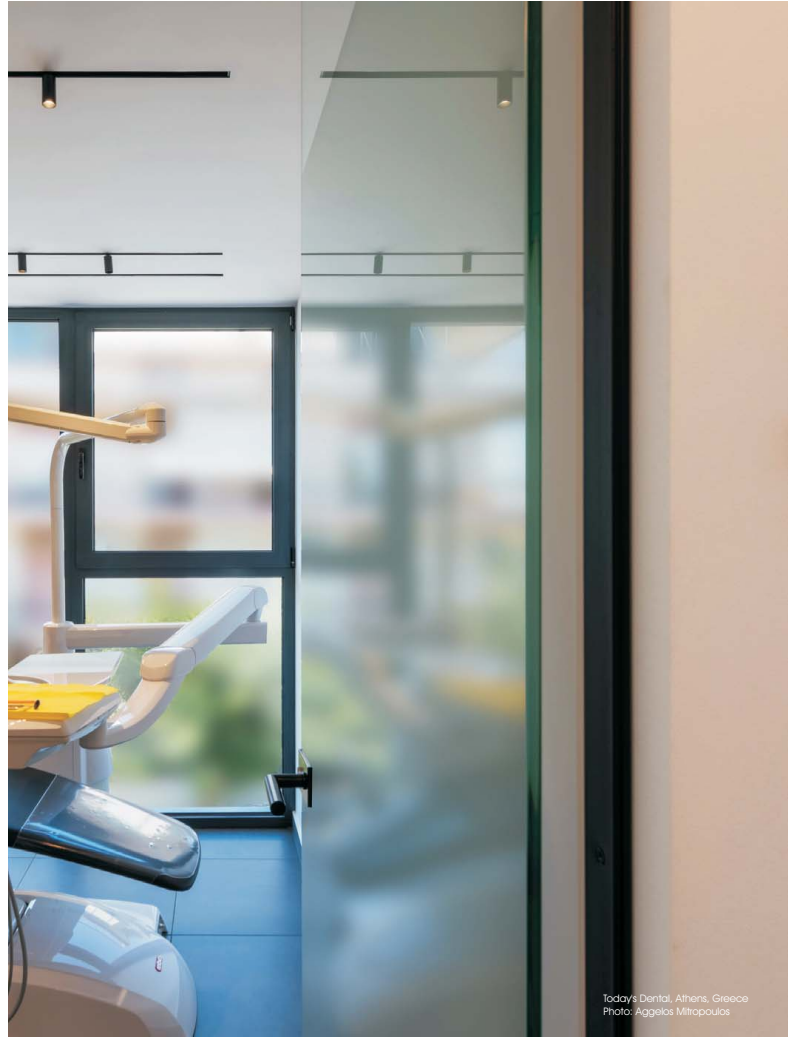
Model (LED Power)	CCT	LED Source		Type	CRI	Beam Angle	Colour	Dimming Option
<b>CLICK IT AMBIENT 9.2W</b> <small>(CLICK IT A9)</small>	2700K (27B)	C980	C990	Fixed (FX)	80 (80)	115° (115)	White (WH) Black (BL)	42V PWM Dimmable (DM) 48V DALI Dimmable (DL)
	3000K (30B)	990lm	740lm					
	4000K (40B)	1050lm	790lm					
5000K (50B)	1110lm	830lm						

Ordering Code Example: **CLICK IT A9-30B-FX-80-115-WH-DL**





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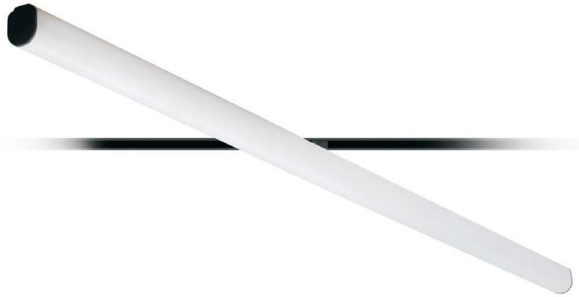
Today's Dental, Athens, Greece  
Photo: Aggelos Mitropoulos

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artihias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

# CLICK IT TUBE 30W

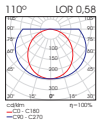


- Click It T30 is the large sized linear tube of Click It system.
- It is rotatable 340degree creating an interesting pattern.
- Available in black or white colour.
- With a length of 1200mm.
- L90/B10 50,000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
C990							
<b>CLICK IT TUBE 30.1W</b> <small>(CLICK IT T30)</small>	2700K (27B)	3189lm	Adjustable (AD)	90 (90)	110° (110)	1200mm (1200)	42V PWM Dimmable (DM)
	3000K (30B)	3420lm					
	4000K (40B)	3690lm					
	5000K (50B)	3690lm					

Ordering Code Example: *CLICK IT T30-30B-AD-90-110-1200-DL*



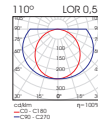
# CLICK IT TUBE 23W

- Click It T23 is the small sized linear tube of Click It system.
- It is rotatable 340degree creating an interesting pattern.
- Available in black or white colour.
- With a length of 800mm.
- L90/B10 50,000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Type	CRI	Beam Angle	Length	Dimming Option
C990							
<b>CLICK IT TUBE 22.7W</b> <small>(CLICK IT T23)</small>	2700K (27B)	1843lm	Adjustable (AD)	90 (90)	110° (110)	800mm (800)	42V PWM Dimmable (DM)
	3000K (30B)	1976lm					
	4000K (40B)	2132lm					
	5000K (50B)	2132lm					

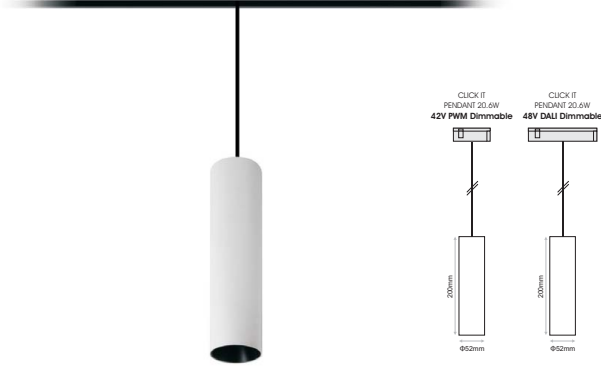
Ordering Code Example: *CLICK IT T23-30B-AD-90-110-800-DL*



# CLICK IT PENDANT 21W

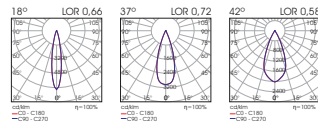


- Click It PD21 is a cylindrical decorative luminaire of Click It system.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot or half snoot.
- L90/B10 50.000h
- 3SDCM



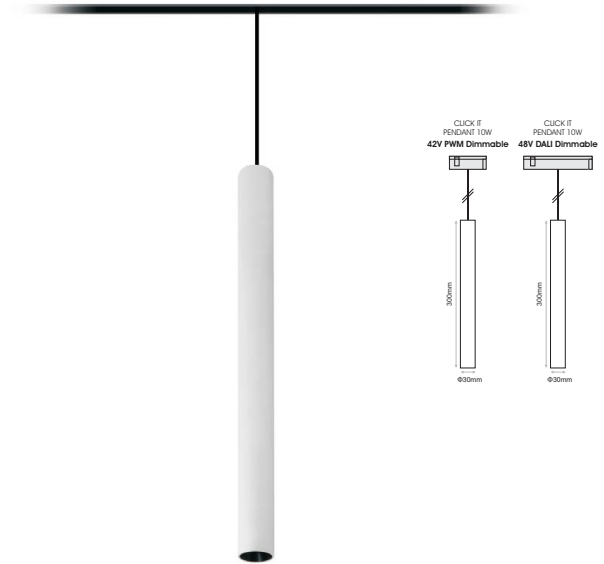
Model (LED Power)	CCT	LED Source		Beam Angle	Colour	Dimming Option	Accessories
		80 [30]	90 [30]				
<b>CLICK IT PENDANT 20.6W</b> <i>(CLICK IT PD21)</i>	2700K (27C)	2147lm	1610lm	18° (18)	White (WH)	42V PWM Dimmable (DM)	Standard (0/1)
	3000K (30C)	2309lm	1730lm	37° (37)	Black (BL)	48V DALI Dimmable (DL)	Honeycomb (1/1)
	4000K (40C)	2379lm	1785lm	42° (42)			Line spread lens (2/1)
	5000K (50C)	2309lm	1730lm				Softening lens (3/1)

Ordering Code Example: **CLICK IT PD21-30C-80-37-WH-DL-00**



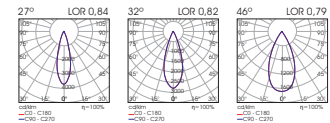
# CLICK IT PENDANT 10W

- Click It PD10 is a small sized cylindrical decorative luminaire of Click It system.
- Available in black or white colour.
- UGR < 22(46%) / UGR < 18(32%) / UGR < 18(27%)
- L90/B10 50.000h
- 3SDCM



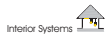
Model (LED Power)	CCT	LED Source		Beam Angle	Colour	Dimming Option
		80 (80)	90 [30]			
<b>CLICK IT PENDANT 10W</b> <i>(CLICK IT PD10)</i>	2700K (27C)	767lm	675lm	27° (27)	White (WH)	42V PWM Dimmable (DM)
	3000K (30C)	823lm	615lm	32° (32)	Black (BL)	48V DALI Dimmable (DL)
	4000K (40C)	888lm	710lm	46° (46)		
	5000K (50C)	888lm	710lm			

Ordering Code Example: **CLICK IT PD10-30C-80-32-WH-DL**





## CLICK IT SPHERE SPOT 5W



- Click It SPH SP5 is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black or white colour.
- L90/B10 50.000h
- 3SDCM

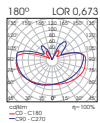


LIGHTSOURCE BY  
bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
C980							
<b>CLICK IT SPHERE SPOT 4.5W</b> <small>(CLICK IT SPH SP5)</small>	2700K <small>(278)</small>	348lm	Fixed <small>(FX)</small>	80 <small>(80)</small>	180° <small>(180)</small>	Black <small>(BL)</small>	42V PWM Dimmable <small>(DM)</small>
	3000K <small>(308)</small>	374lm				White <small>(WH)</small>	48V DALI Dimmable <small>(DL)</small>

\* Available also in 4000K & 5000K upon request.

Ordering Code Example: **CLICK IT SPH SP5-308-FX-80-180-BL-DL**



## CLICK IT SPHERE PENDANT 5W

- Click It SPH PD5 is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black or white colour.
- L90/B10 50.000h
- 3SDCM

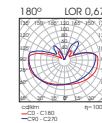
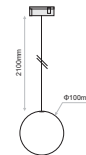


LIGHTSOURCE BY  
bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
C980							
<b>CLICK IT SPHERE PENDANT 4.5W</b> <small>(CLICK IT SPH PD5)</small>	2700K <small>(278)</small>	348lm	Fixed <small>(FX)</small>	80 <small>(80)</small>	180° <small>(180)</small>	Black <small>(BL)</small>	42V PWM Dimmable <small>(DM)</small>
	3000K <small>(308)</small>	374lm				White <small>(WH)</small>	48V DALI Dimmable <small>(DL)</small>

\* Available also in 4000K & 5000K upon request.

Ordering Code Example: **CLICK IT SPH PD5-308-FX-80-180-BL-DL**



## CLICK IT PENDANT V 12W



- Click It PD V is a decorative pendant V shaped luminaire of Click It System.
- Available in black, white or gold colour (inner shade: white).
- Diameter of 318mm.
- L90@10 50.000h
- 3SDCM

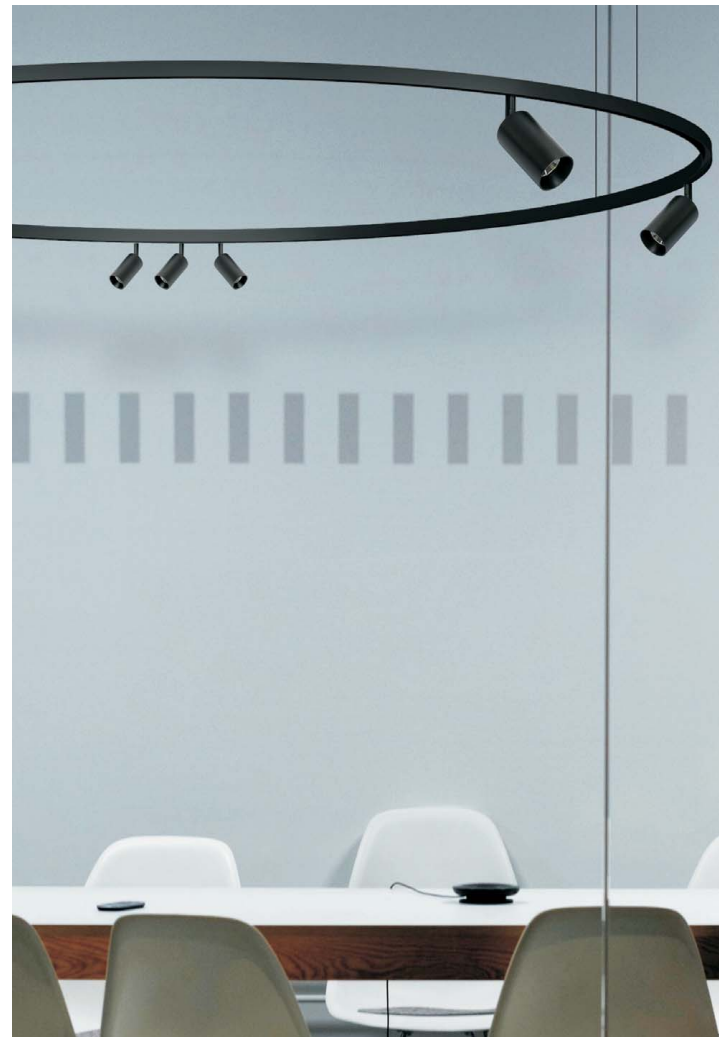
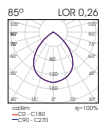
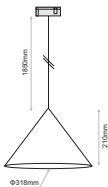


LIGHTSOURCE BY  
bridgelux.

Model	Watt	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
<b>CLICK IT PENDANT V</b> (CLICK IT PD V)	12.3W (12)	2700K (278)	1365lm	Fixed (FX)	90 (90)	85° (85)	Black (BL)	42V PWM Dimmable (DLF)
		3000K (308)	1515lm				White (WH)	48V DALI Dimmable (DL)
							Gold (GD)	

\* Available also in 4000K & 5000K upon request.

Ordering Code Example: CLICK IT PD V-12-308-FX-90-85-BL-DL



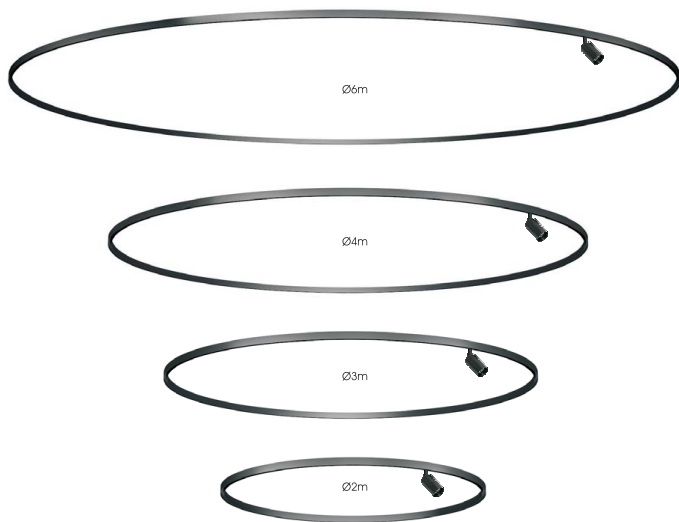
# CLICK IT ROUND



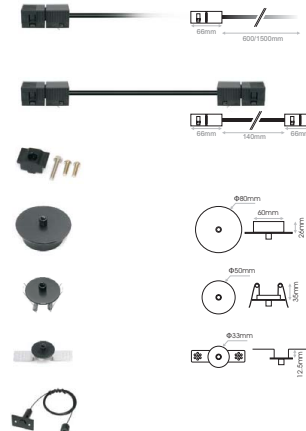
- Click It Round consists of Round shaped luminaires for highly demanding architectural spaces.
- Suitable for surface or pendant applications.
- It is available only in specific diameters of 2,3,4 and 6meters.
- It is available in white or black colour.
- 48V PWM Dimmable.
- Track max amperage 10A

## Click It Round Surface / Pendant Track

Code	Model	Diameter	Colour
<b>CLK.159</b>	Click It Round Surface Track	Ø2m	Black
<b>CLK.160</b>	Click It Round Surface Track	Ø3m	Black
<b>CLK.161</b>	Click It Round Surface Track	Ø4m	Black
<b>CLK.162</b>	Click It Round Surface Track	Ø6m	Black
<b>CLK.155</b>	Click It Round Surface track	Ø2m	White
<b>CLK.156</b>	Click It Round Surface track	Ø3m	White
<b>CLK.157</b>	Click It Round Surface track	Ø4m	White
<b>CLK.158</b>	Click It Round Surface track	Ø6m	White



Code	Description	Colour
<b>CLK.177</b>	Live End with 1,5m cable	Black
<b>CLK.178</b>	Live End with 1,5m cable	White
<b>CLK.179</b>	Live End with 0,6m cable	Black
<b>CLK.180</b>	Live End with 0,6m cable	White
<b>CLK.181</b>	Adjustable Live Connector for track	Black
<b>CLK.182</b>	Adjustable Live Connector for track	White
<b>CLK.183</b>	Connector / surface mounted accessory	Black
<b>CLK.184</b>	Connector / surface mounted accessory	White
<b>PRH.082</b>	Canopy Surface BLACK	Black
<b>PRH.039</b>	Canopy Surface WHITE	White
<b>PRH.083</b>	Canopy Recessed BLACK	Black
<b>PRH.040</b>	Canopy Recessed WHITE	White
<b>PRH.084</b>	Canopy Trimless BLACK	Black
<b>PRH.041</b>	Canopy Trimless WHITE	White
<b>ACC.185</b>	Ceiling Suspension Installation 1,5m	Black
<b>ACC.186</b>	Ceiling Suspension Installation 1,5m	White



## ACCESSORIES for CLICK IT Round System



# CLICK IT CURVED SPOT 14W & 7W

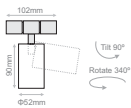
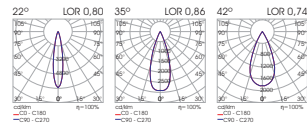


- Click It CS14 and CS7 spots consist of the large sized spot of Click It Round luminaires.
- Rotatable 320 degrees.
- Available in black or white colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens, snoot, or half snoot.
- C57 : UGR < 15(42%) / UGR < 11(35%) / UGR < 14(22%)
- CS14: UGR < 17(42%) / UGR < 13(35%) / UGR < 16(22%)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80) 90 (90)					
<b>CLICK IT CURVED SPOT 13.5W</b> <i>(CLICK IT CS14)</i>	2700K (27C)	1670lm	1250lm	22° (22)	Adjustable (AD)	White (WH) 48V PWM Dimmable (DM)	Standard (P1)
	3000K (30C)	1670lm	1250lm	35° (35)		Black (BL)	Honeycomb (H1)
	4000K (40C)	1795lm	1345lm	42° (42)			Line spread lens (L1)
	5000K (50C)	1795lm	1345lm				Softening lens (S1)
<b>CLICK IT CURVED SPOT 7.1W</b> <i>(CLICK IT CS7)</i>	2700K (27C)	890lm	665lm				<b>EXTRAS</b> (X1)
	3000K (30C)	890lm	665lm				No Extras (E0)
	4000K (40C)	958lm	720lm				Snoot Black (S1)
	5000K (50C)	958lm	720lm				Half Snoot Black (S2)
							Frosted Cover (F1)
							Snoot White (S3)
							Half Snoot White (S4)

Ordering Code Example: *CLICK IT CS14-30C-80-42-AD-BL-DM-00*



# CLICK IT CURVED SPOT 4W

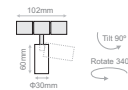
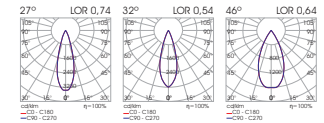
- Click It CS4 spot consists of the small sized spot of Click It Round luminaires.
- It is a miniaturized spot with a diameter of 30mm.
- Rotatable 320 degrees.
- Available in black or white colour.
- UGR < 20(46%) / UGR < 13(32%) / UGR < 15(27%)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	CCT	LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80) 90 (90)				
<b>CLICK IT CURVED SPOT 4.3W</b> <i>(CLICK IT CS4)</i>	2700K (27C)	427lm	360lm	27° (27)	Adjustable (AD)	White (WH) 48V PWM Dimmable (DM)
	3000K (30C)	427lm	360lm	32° (32)		Black (BL)
	4000K (40C)	461lm	390lm	46° (46)		
	5000K (50C)	461lm	390lm			

\* Available also in CR190 upon request.

Ordering Code Example: *CLICK IT CS4-30C-80-46-AD-BL-DM*



# NANO SYSTEM



# NANO SYSTEM

- Nano is a new miniaturised system suitable for highly demanding spaces.
- The system is suitable for surface, pendant, recessed and timeless application.
- Flexibility and easiness in the repositioning of the luminaires.
- It is offered with a variety of accessories.
- Nano system includes: Nano spots, Nano linear spots and Nano linear ambient luminaires.
- Maximum load per system: 80W
- The system is offered in 48 DALI Dimmable or Wireless Dimmable.
- The PWM dimming frequency must be 15kHz or higher.
- Curved tracks cannot have luminaires on.

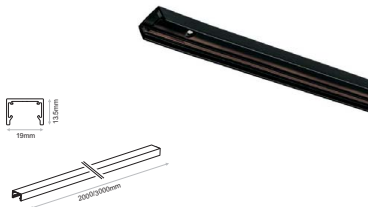
## NANO Recessed Track

Code	Model	Length	Colour
NAN_041	NANO Recessed Track	2m	Black
NAN_042	NANO Recessed Track	3m	Black
NAN_043	NANO Recessed Track	2m	White
NAN_044	NANO Recessed Track	3m	White



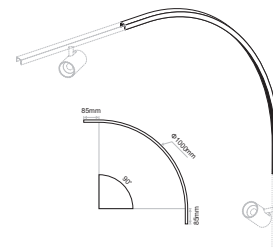
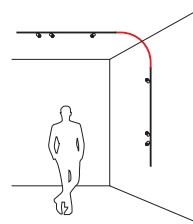
## NANO Surface Track

Code	Model	Length	Colour
NAN_001	NANO Surface Track	2m	Black
NAN_002	NANO Surface Track	3m	Black
NAN_003	NANO Surface Track	2m	White
NAN_004	NANO Surface Track	3m	White



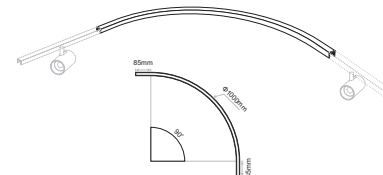
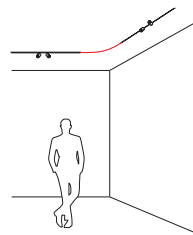
## NANO Surface Curved Vertical Track

Code	Model	Length	Colour
NAN_050	NANO Surface Curved Vertical Track	2m	Black
NAN_051	NANO Surface Curved Vertical Track	3m	Black



## NANO Surface Curved Horizontal Track

Code	Model	Length	Colour
NAN_052	NANO Surface Curved Horizontal Track	2m	Black
NAN_053	NANO Surface Curved Horizontal Track	3m	Black



Accessories for NANO System

Code	Description	Colour
NAN.005	Black Cover 2m	Black
NAN.006	Black Cover 3m	Black
NAN.007	White Cover 2m	White
NAN.008	White Cover 3m	White
NAN.009	Live End with 0.3m cable	Black
NAN.010	Live End with 0.3m cable	White
NAN.011	Adjustable Live Connector for track	Black
NAN.012	Adjustable Live Connector for track	White
NAN.015	Extension Line Connector	Black
NAN.016	Extension Line Connector	White
NAN.023	Accessory for Tirmless Installation	Black
NAN.024	Accessory for Tirmless Installation	White
ACC.086	Ceiling Suspension Installation 1.5m	
ACC.233	Ceiling Suspension installation 3m	

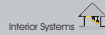
Accessories for NANO Recessed

Code	Description	Colour
NAN.045	End Cap for Recessed track	Black
NAN.046	End Cap for Recessed track	White
NAN.049	Spring for NANO track Recessed	
NAN.054	L CORNER Recessed Ceiling to Ceiling	Black
NAN.055	L CORNER Recessed Ceiling to Ceiling	White
NAN.056	L CORNER Recessed Ceiling to Wall OUT	Black
NAN.057	L CORNER Recessed Ceiling to Wall OUT	White
NAN.058	L CORNER Recessed Ceiling to Wall IN	Black
NAN.059	L CORNER Recessed Ceiling to Wall IN	White

Accessories for NANO Surface

Code	Description	Colour
NAN.013	End Cap for Surface track	Black
NAN.014	End Cap for Surface track	White
NAN.017	L CORNER Surface Ceiling to Ceiling	Black
NAN.018	L CORNER Surface Ceiling to Ceiling	White
NAN.019	L CORNER Surface Ceiling to Wall OUT	Black
NAN.020	L CORNER Surface Ceiling to Wall OUT	White
NAN.021	L CORNER Surface Ceiling to Wall IN	Black
NAN.022	L CORNER Surface Ceiling to Wall IN	White

# NANO SPOT 4W & 6W

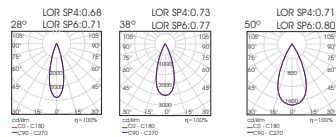
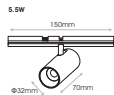
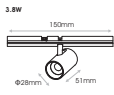


- Nano SP are two miniaturized spots of Nano System.
- Available in 4 and 6Watt.
- Rotatable 320 degrees.
- Available in black or white colour.
- UGR < 16(50°) / UGR < 13(38°) / UGR < 11(28°)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	Watt	CCT	CB80 LED Source	CB90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)				
NANO SPOT (NANO SP)	3.8W (04)	2700K (27C)	460lm	370lm	28° (28)	Adjustable (AD)	White (WH) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	460lm	400lm	38° (38)			
		4000K (40C)	500lm	430lm	50° (50)			
	5.5W (06)	2700K (27C)	670lm	540lm				
		3000K (30C)	670lm	575lm				
		4000K (40C)	720lm	625lm				
5000K (50C)	720lm	670lm						

Ordering Code Example: NANO SP-04-30C-90-38-AD-WH-DM



# NANO SPOT RD 7W

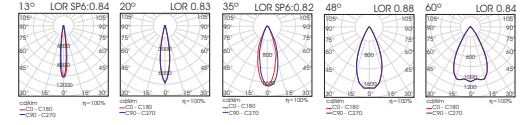


- Nano SP RD is an elegant flat round luminaire of Nano System.
- It is a rotatable 320 degrees.
- Available in black or white colour.
- UGR < 18(60°) / UGR < 17(48°) / UGR < 19(35°) / UGR < 18(20°) / UGR < 15(13°)
- L90/B10 50.000h
- 3SDCM

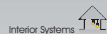


Model (LED Power)	Watt	CCT	CB80 LED Source	CB90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)				
NANO SPOT ROUND (NANO SP RD)	6.7W (07)	2700K (27C)	820lm	660lm	13° (13)	Adjustable (AD)	White (WH) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	820lm	705lm	20° (20)			
		4000K (40C)	885lm	760lm	35° (35)			
		5000K (50C)	885lm	820lm	48° (48)			
			885lm	820lm	60° (60)			

Ordering Code Example: NANO SP RD-07-30C-90-48-AD-BL-DM



# NANO AMBIENT 7W & 13W

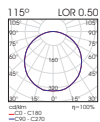
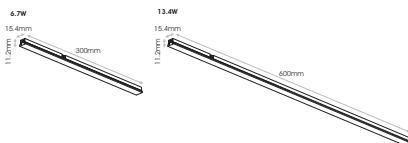


- Nano A consists of two linear ambient luminaires of Nano system.
- Available in black or white colour.
- With a length of 300 or 600mm.
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	Watt	CCT	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
90 (FO)							
NANO AMBIENT (NANO A)	6.7W (07)	2700K (278)	615lm	115° (115)	Fixed (FX)	White (WH) Black (BL)	48V PWM Dimmable (DM)
		3000K (308)	620lm				
		4000K (408)	630lm				
		5000K (508)	630lm				
13.4W (13)	2700K (278)	1030lm	115° (115)	Fixed (FX)	White (WH) Black (BL)	48V PWM Dimmable (DM)	
	3000K (308)	1040lm					
	4000K (408)	1060lm					
	5000K (508)	1060lm					

Ordering Code Example: NANO A-13-308-90-115-FX-BL-DM



# NANO LINEAR SPOT 5W & 10W

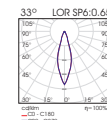
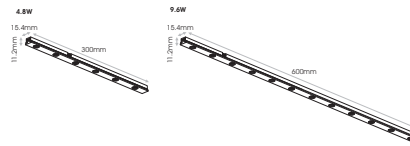


- NANO LS consists of two directional linear luminaires of Nano System.
- Available in black or white colour.
- Available in 33 degrees.
- With a length of 300 or 600mm.
- UGR < 10(3.5)
- L90/B10 50.000h
- 3SDCM



Model (LED Power)	Watt	CCT	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
90 (FO)							
NANO LINEAR SPOT (NANO LS)	4.8W (05)	2700K (27C)	460lm	33° (33)	Fixed (FX)	White (WH) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	460lm				
		4000K (40C)	470lm				
		5000K (50C)	480lm				
9.6W (10)	2700K (27C)	920lm	33° (33)	Fixed (FX)	White (WH) Black (BL)	48V PWM Dimmable (DM)	
	3000K (30C)	920lm					
	4000K (40C)	960lm					
	5000K (50C)	970lm					

Ordering Code Example: NANO LS-10-30C-90-33-FX-BL-DM





# RAIL SYSTEM



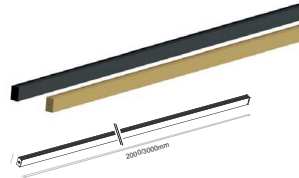
# RAIL SYSTEM

- Rail is a new elegant system suitable for highly demanding spaces.
- The system is suitable for surface and pendant application.
- Flexibility and easiness in the repositioning of the luminaires.
- Rail system includes: Fixed and adjustable spots, linear directional and ambient luminaires, decorative sphere and acrylic caps.
- Maximum load per system: 280W
- The system is offered in 48Vdc PWM Dimmable or Wireless Dimmable.



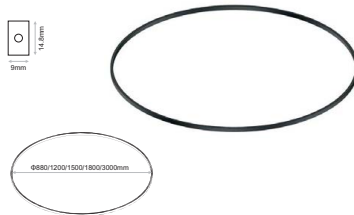
## RAIL Track

Code	Model	Length	Colour
RAL001	Rail Surface Track	2m	Black
RAL002	Rail Surface Track	3m	Black
RAL003	Rail Surface Track	2m	Gold
RAL004	Rail Surface Track	3m	Gold



## RAIL Circle Track

Code	Model	Diameter	Colour
RAL005	Rail Circle Track	0.88m	Black
RAL006	Rail Circle Track	0.88m	Gold
RAL007	Rail Circle Track	1.20m	Black
RAL008	Rail Circle Track	1.20m	Gold
RAL009	Rail Circle Track	1.50m	Black
RAL010	Rail Circle Track	1.50m	Gold
RAL011	Rail Circle Track	1.80m	Black
RAL012	Rail Circle Track	1.80m	Gold
RAL036	Rail Circle Track	3.00m	Black
RAL037	Rail Circle Track	3.00m	Gold



## Accessories for RAIL System

Code	Description	Colour
RAL015	Live with cable 0.6m	Black
RAL016	Live with cable 0.6m	Gold
RAL038	Live with cable & Ceiling Suspension installation 2m	Black
RAL039	Live with cable & Ceiling Suspension installation 2m	Gold
RAL017	Track holder	Black
RAL018	Track holder	Gold
RAL019	Live Adjustable track holder	Black
RAL020	Live Adjustable track holder	Gold
RAL021	Adjustable track holder	Black
RAL022	Adjustable track holder	Gold
RAL023	90° Live connector	Black
RAL024	90° Live connector	Gold
RAL025	120° Live connector	Black
RAL026	120° Live connector	Gold
RAL027	Pole bracket H:50mm	Black
RAL028	Pole bracket H:50mm	Gold
RAL029	Pole bracket H:100mm	Black
RAL030	Pole bracket H:100mm	Gold
RAL031	Pole bracket H:200mm	Black
RAL032	Pole bracket H:200mm	Gold
RAL033	Ceiling Suspension installation 2m	Black
RAL034	Ceiling Suspension installation 2m	Gold
RAL013	End cap for Rail Surface track	Black
RAL014	End cap for Rail Surface track	Gold
RAL035	Rail Driver Box	Black



# RAIL SPOT 4W & 10W

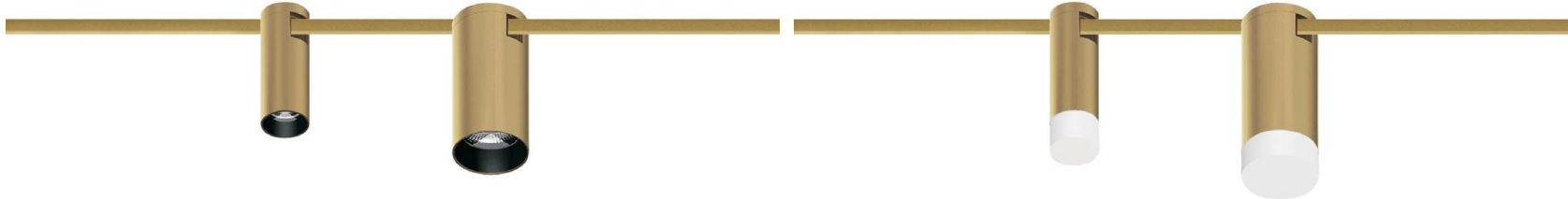


- Rail SP consists of two sized spots with a diameter of  $\Phi 30\text{mm}$  and  $\Phi 52\text{mm}$ .
- Luminaire body material: aluminium.
- Available in gold or black colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens.
- Rail spot 4W UGR<1,9(50°) / UGR<1,0(35°) / UGR<1,0(25°)
- Rail spot 10W UGR<2,1(40°) / UGR<1,4(34°) / UGR<1,7(18°)
- L90/B10 50.000h
- 3SDCM



# RAIL ACRYLIC 4W & 10W

- Rail AC consists of two sized spots with a diameter of  $\Phi 30\text{mm}$  and  $\Phi 52\text{mm}$ .
- Luminaire body material: aluminium with acrylic ending.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

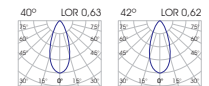
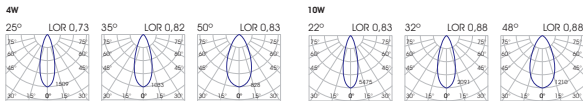
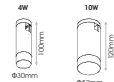
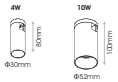


Model	LED Power	CCT	LED Source		Beam Angle	Type	Colour	Dimming Option	Accessories	
			C880	C890						
			80 (80)	90 (90)						
RAIL SPOT <small>(RAIL SP)</small>	3.8W (04)	2700K (27C)	485lm	390lm	25° (25)	Fixed (FX)	Gold (GO) Black (BL)	48V PWM Dimmable (DM)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3)	
		3000K (30C)	485lm	420lm	35° (35)					
		4000K (40C)	520lm	450lm	50° (50)					
	9.5W (10)	2700K (27C)	1190lm	965lm	22° (22)					
		3000K (30C)	1195lm	1035lm	32° (32)					
		4000K (40C)	1280lm	1115lm	48° (48)					
				5000K (50C)	1285lm	1120lm				

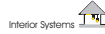
Model	LED Power	CCT	LED Source		Beam Angle	Type	Colour	Dimming Option	
			C880	C890					
			80 (80)	90 (90)					
RAIL ACRYLIC <small>(RAIL AC)</small>	3.8W (04)	2700K (27C)	485lm	390lm	Diffused (DF)	Fixed (FX)	Gold (GO) Black (BL)	48V PWM Dimmable (DM)	
		3000K (30C)	485lm	420lm					
		4000K (40C)	520lm	450lm					
	9.5W (10)	2700K (27C)	1190lm	965lm					
		3000K (30C)	1195lm	1035lm					
		4000K (40C)	1280lm	1115lm					
				5000K (50C)	1285lm	1120lm			

Ordering Code Example: RAIL SP-04-30C-90-38-FX-BL-DM-0

Ordering Code Example: RAIL AC-04-30C-90-DF-FX-BL-DM



# RAIL SPOT ADJ 4W & 10W



# RAIL SPOT ROUND 6W

- Rail SB consists of two sized spots with bracket and a diameter of  $\Phi 30\text{mm}$  and  $\Phi 52\text{mm}$ .
- Luminaires body material: aluminium.
- Available in gold or black colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens.
- Rail spot 4W UGR < 19(50%) / UGR < 10(35%) / UGR < 10(25%)
- Rail spot 10W UGR < 15(48%) / UGR < 10(32%) / UGR < 10(22%)
- L90/B10 50.000h
- 3SDCM

- Rail SP RD consists of a round elegant luminaire with a diameter of  $\Phi 75\text{mm}$  and  $26\text{mm}$  width.
- Luminaires body material: aluminium.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

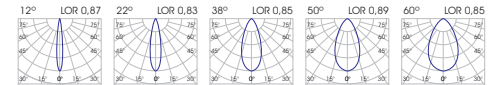
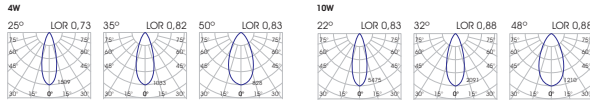
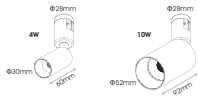


Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
RAIL SPOT BRACKET (RAIL SB)	3.8W (04)	2700K (27C)	485lm	390lm	25° (25)	Adjustable (AD)	Gold (GD) Black (BL)	48V PWM Dimmable (DM)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3)
		3000K (30C)	485lm	420lm	35° (35)				
		4000K (40C)	520lm	450lm	50° (50)				
	9.5W (10)	2700K (27C)	1190lm	955lm	22° (22)				
		3000K (30C)	1195lm	1035lm	32° (32)				
		4000K (40C)	1280lm	1115lm	48° (48)				
			5000K (50C)	525lm	485lm				

Model	LED Power	CCT	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)				
RAIL SPOT Round (RAIL SP RD)	6W (06)	2700K (27C)	660lm	530lm	12° (12)	Adjustable (AD)	Gold (GD) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	660lm	570lm	22° (22)			
		4000K (40C)	710lm	615lm	38° (38)			
	5000K (50C)	715lm	660lm	50° (50)				
		60° (60)						

Ordering Code Example: RAIL SP RD-04-30C-90-38-AD-BL-DM

Ordering Code Example: RAIL SB-04-30C-90-25-AD-BL-DM-1



# RAIL AMBIENT 5W



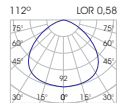
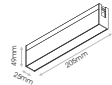
- Rail A is the linear ambient luminaire of Rail system.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- Beam angle of 112degrees.
- Length of 205mm.
- L90/B10 50.000h
- 3SDCM



LIGHTSOURCE BY  
bridgelux

Model	LED Power	CCT	C880 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option
<b>RAIL AMBIENT</b> <i>(RAIL A)</i>	5W (05)	2700K (278)	450lm	405lm	112° (112)	Fixed (FX)	Gold (GZ) Black (BL)	48V PWM Dimmable (DM)
		3000K (308)	470lm	425lm				
		4000K (408)	500lm	450lm				
		5000K (508)	505lm	455lm				

Ordering Code Example: RAIL A-04-308-90-112-FX-BL-DM



# RAIL LINEAR SPOT 9W

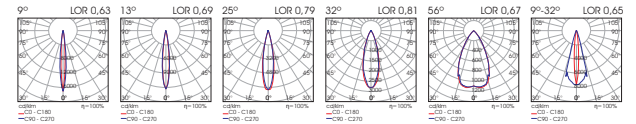
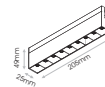
- Rail LS is the linear directional luminaire of Rail system.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- With a selection of beam angles to meet any lighting requirements.
- UGR < 19(56°) / UGR < 14(32°) / UGR < 10(25°) / UGR < 10(13°) / UGR < 10(9°) / UGR < 11(9-32°)
- Length of 205mm.
- L90/B10 50.000h
- 3SDCM



CREE  
LEDs

Model	LED Power	CCT	C880 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option	
<b>RAIL LINEAR SPOT</b> <i>(RAIL LS)</i>	9W (09)	2700K (27C)	690lm	620lm	9°	(V/N)	Fixed (FX)	Gold (GZ) Black (BL)	48V PWM Dimmable (DM)
						(N/R)			
						(M/D)			
		3000K (30C)	735lm	850lm	13°	(V/N)			
						(N/R)			
						(M/D)			
		4000K (40C)	775lm	900lm	25°	(V/N)			
						(N/R)			
						(M/D)			
		5000K (50C)	780lm	910lm	32°	(V/N)			
						(N/R)			
						(M/D)			
			56°	(V/W)					
				(N/R)					
				(M/D)					
			90-32°	(A/S)					
				(N/R)					
				(M/D)					
			Asymmetric	(A/S)					
				(N/R)					
				(M/D)					

Ordering Code Example: RAIL LS-09-30C-90-MD-FX-BL-DM



# RAIL PENDANT 6W

- Rail PD is a cylindrical decorative luminaire of Rail system.
- Luminaire body material: aluminium.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM



# RAIL SPHERE PENDANT 4W

- Rail SPH PD5 is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

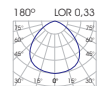
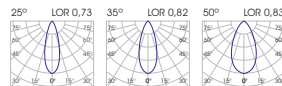


Model	LED Power	CCT	C880 LED Source		C890 LED Source		Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)	80 (80)	90 (90)				
RAIL PENDANT (RAIL PD)	6W (04)	2700K (27C)	660lm	530lm	25° (25)	Fixed (FX)	Gold (GD) Black (BL)	48V PWM Dimmable (DM)		
			3000K (30C)	660lm	570lm				35° (35)	
			4000K (40C)	710lm	615lm				50° (50)	
			5000K (50C)	715lm	660lm					

Model	LED Power	CCT	C880 LED Source		C890 LED Source		Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)	80 (80)	90 (90)				
RAIL SPHERE PENDANT (RAIL SPH PD)	4W (04)	2700K (27C)	255lm	230lm	180° (180)	Fixed (FX)	Gold (GD) Black (BL)	48V PWM Dimmable (DM)		
			3000K (30C)	260lm	235lm					
			4000K (40C)	280lm	255lm					
			5000K (50C)	285lm	260lm					

Ordering Code Example: RAIL PD-06-3DC-90-25-FX-BL-DM

Ordering Code Example: RAIL SPH PD-04-3DC-90-180-FX-BL-DM



# RAIL

## BULB & SPHERE SPOT 4W

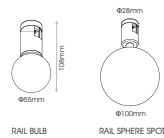


- Rail BL & SPH SP consist of two sized decorative spots with a diameter of  $\Phi 55\text{mm}$  and  $\Phi 100\text{mm}$ .
- Luminaires body material: aluminium (BL: acrylic/ SPH SP: glass frosted).
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM

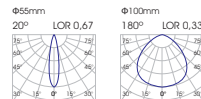


Model	LED Power	CCT	CRI80		Beam Angle	Type	Colour	Dimming Option
			LED Source	LED Source				
			80 (80)	90 (90)				
RAIL BULB <i>(RAIL BL)</i>	4W (04)	2700K (27C)	350lm	270lm	Diffused (DF)	Fixed (FX)	Gold (GO) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	360lm	280lm				
		4000K (40C)	380lm	310lm				
		5000K (50C)	380lm	310lm				
RAIL SPHERE SPOT <i>(RAIL SPH SP)</i>	4W (04)	2700K (27C)	230lm	180lm	Diffused (DF)	Fixed (FX)	Gold (GO) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	240lm	190lm				
		4000K (40C)	260lm	200lm				
		5000K (50C)	260lm	200lm				

Ordering Code Example: RAIL BL-04-30C-90-DF-FX-BL-DM



RAIL BULB RAIL SPHERE SPOT



# RAIL

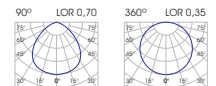
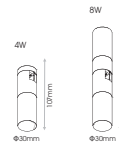
## ACRYLIC CYLINDER 4W & 8W

- Rail AC Cylinder consists of two sized spots with a diameter  $\Phi 30\text{mm}$ .
- Luminaires body material: aluminium with acrylic ending.
- Available in gold or black colour.
- L90/B10 50.000h
- 3SDCM



Model	LED Power	CCT	CRI80		Beam Angle	Type	Colour	Dimming Option
			LED Source	LED Source				
			80 (80)	90 (90)				
RAIL ACRYLIC CYLINDER <i>(RAIL AC C)</i>	4W (04)	2700K (27C)	350lm	270lm	90° (90)	Fixed (FX)	Gold (GO) Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	360lm	280lm				
		4000K (40C)	380lm	310lm				
		5000K (50C)	380lm	310lm				
8W (08)	2700K (27C)	700lm	540lm	360° (360)	Fixed (FX)	Gold (GO) Black (BL)	48V PWM Dimmable (DM)	
	3000K (30C)	720lm	550lm					
	4000K (40C)	740lm	620lm					
	5000K (50C)	740lm	620lm					

Ordering Code Example: RAIL AC C-04-30C-80-90-FX-BL-DM



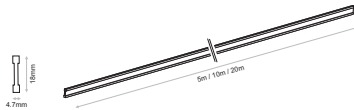
## FORMA FLEX SYSTEM

- Forma Flex is a new miniaturized system suitable for highly demanding spaces.
- The system is suitable only for surface application.
- Track material: aluminium / stainless steel.
- Flexibility of the track itself with the ability of extra high bending.
- Flexibility and easiness in the repositioning of the luminaires.
- Forma Flex system includes: Fixed and adjustable spots, decorative sphere and acrylic spots.
- Maximum load per system: 280W
- The system is offered in 48Vdc: PWM Dimmable or Wireless Dimmable.



### Forma Flex Surface Track

Code	Model	Length	Colour
FFL001	Forma Flex Surface Track	5m	Black
FFL002	Forma Flex Surface Track	10m	Black
FFL003	Forma Flex Surface Track	20m	Black



### Accessories for Forma Flex System

Code	Description	Colour
FFL004	Live End	Black
FFL005	Track Holder	Black



Interior Systems



Interior Systems

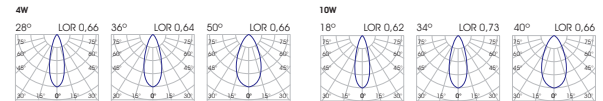
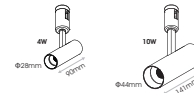
## FORMA FLEX SPOT BRACKET ADJ 4W & 10W

- FORMA FLEX SB consists of two sized spots with bracket and a diameter of  $\Phi 28\text{mm}$  and  $\Phi 44\text{mm}$ .
- Luminaire body material: aluminium.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM



Model	LED Power	CCT	CR180	CR190	Beam Angle	Type	Colour	Dimming Option	
			LED Source	LED Source					
FLEX SPOT BRACKET (FLEX SB)	3.8W (34)	2700K (27C)	80 (80)	90 (90)	28° (28)	Adjustable (AD)	Black (BL)	48V PWM Dimmable (DM)	
			3000K (30C)	485lm	420lm				36° (34)
			4000K (40C)	520lm	450lm				50° (50)
			5000K (50C)	525lm	485lm				
			9.5W (10)	2700K (27C)	1190lm				965lm
	3000K (30C)	1195lm	1035lm	34° (34)					
	4000K (40C)	1280lm	1115lm	40° (40)					
	5000K (50C)	1285lm	1120lm						

Ordering Code Example: FLEX-SB-04-30C-90-38-AD-WH-DM



# FORMA FLEX SPOT 4W & 10W



- FORMA FLEX SP consists of two sized spots with a diameter of  $\Phi 30\text{mm}$  and  $\Phi 52\text{mm}$ .
- Luminaire body material: aluminium.
- Available in black colour.
- It is offered with a variety of accessories : honeycomb, line spread lens, softening lens.
- Rail spot 4W UGR < 19(50°) / UGR < 10(35°) / UGR < 10(25°)
- Rail spot 10W UGR < 21(40°) / UGR < 14(34°) / UGR < 17(18°)
- L90/B10 50.000h
- 3SDCM

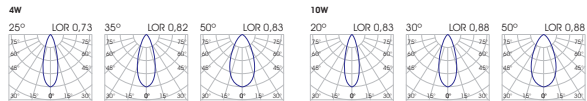
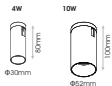
# FORMA FLEX ACRYLIC 4W & 10W

- FORMA FLEX AC consists of two sized spots with a diameter of  $\Phi 30\text{mm}$  and  $\Phi 52\text{mm}$ .
- Luminaire body material: aluminium with acrylic ending.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM



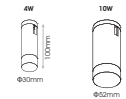
Model	LED Power	CCT	C880 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
FLEX SPOT <small>[FLEX SP]</small>	3.8W (04)	2700K (27C)	80 (80)	90 (90)	25° (25)	Fixed (FX)	Black (BL)	48V PWM Dimmable (DM)	Standard Honeycomb (1) Line spread lens (2) Softening lens (3)
		3000K (30C)	485mm	390mm	35° (35)				
		4000K (40C)	485mm	420mm	50° (50)				
		5000K (50C)	520mm	450mm					
		5000K (50C)	525mm	485mm					
	9.5W (10)	2700K (27C)	1190mm	965mm	20° (20)				
		3000K (30C)	1195mm	1035mm	30° (30)				
		4000K (40C)	1280mm	1115mm	50° (50)				
		5000K (50C)	1285mm	1120mm					

Ordering Code Example: FLEX SP-04-30C-90-38-AD-WH-DM-1



Model	LED Power	CCT	C880 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option	
FLEX SPOT ACRYLIC <small>[FLEX SA]</small>	3.8W (04)	2700K (27C)	80 (80)	90 (90)	25° (25)	Diffused (DF)	Fixed (FX)	Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	485mm	390mm	35° (35)				
		4000K (40C)	485mm	420mm	50° (50)				
		5000K (50C)	520mm	450mm					
		5000K (50C)	525mm	485mm					
	9.5W (10)	2700K (27C)	1190mm	965mm	20° (20)				
		3000K (30C)	1195mm	1035mm	30° (30)				
		4000K (40C)	1280mm	1115mm	50° (50)				
		5000K (50C)	1285mm	1120mm					

Ordering Code Example: FLEX SA-04-30C-90-DF-FX-BL-DM





# FORMA FLEX SPHERE SPOT 4W



- FORMA FLEX SPH is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM



LIGHTSOURCE BY  
bridgelux.

Model	LED Power	CCT	Beam Angle		Type	Colour	Dimming Option	
			80 (80)	90 (90)				
FLEX SPHERE <i>(FLEX SPH)</i>	4W (04)	2700K (27C)	255lm	230lm	Diffused (DF)	Fixed (FX)	Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	260lm	235lm				
		4000K (40C)	280lm	255lm				
		5000K (50C)	285lm	260lm				

Ordering Code Example: *FLEX SPH-04-30C-90-38-FX-BL-DM*



# FORMA FLEX SPHERE PENDANT 4W

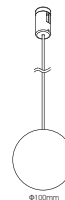
- FORMA FLEX SPH PD is a glass frosted decorative luminaire that gives a special touch into any space.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM



LIGHTSOURCE BY  
bridgelux.

Model	LED Power	CCT	Beam Angle		Type	Colour	Dimming Option	
			80 (80)	90 (90)				
FLEX SPHERE PENDANT <i>(FLEX SPH PD)</i>	4W (04)	2700K (27C)	255lm	230lm	Diffused (DF)	Fixed (FX)	Black (BL)	48V PWM Dimmable (DM)
		3000K (30C)	260lm	235lm				
		4000K (40C)	280lm	255lm				
		5000K (50C)	285lm	260lm				

Ordering Code Example: *FLEX SPH PD-04-30C-90-DF-FX-BL-DM*



# FORMA FLEX PENDANT 6W

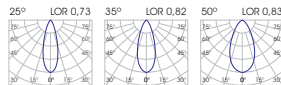


- FORMA FLEX PD is a cylindrical decorative luminaire of Forma Flex system.
- Luminaire body material: aluminium.
- Available in black colour.
- L90/B10 50.000h
- 3SDCM

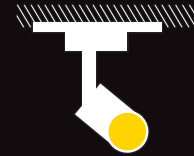


Model	LED Power	CCT	C880 LED Source		C890 LED Source		Beam Angle	Type	Colour	Dimming Option
			80 (80)	90 (90)	80 (80)	90 (90)				
FLEX PENDANT <i>(FLEX PD)</i>	6W (06)	2700K (27C)	660lm	530lm	25° (25)	35° (35)	Fixed (FX)	Black (BL)	48V PWM Dimmable (DM)	
		3000K (30C)	665lm	570lm	35° (35)	50° (50)				
		4000K (40C)	710lm	615lm						
		5000K (50C)	745lm	660lm						

Ordering Code Example: *FLEX PD-06-30C-90-35-FX-BL-DM*



INTERIOR SPOTLIGHTS

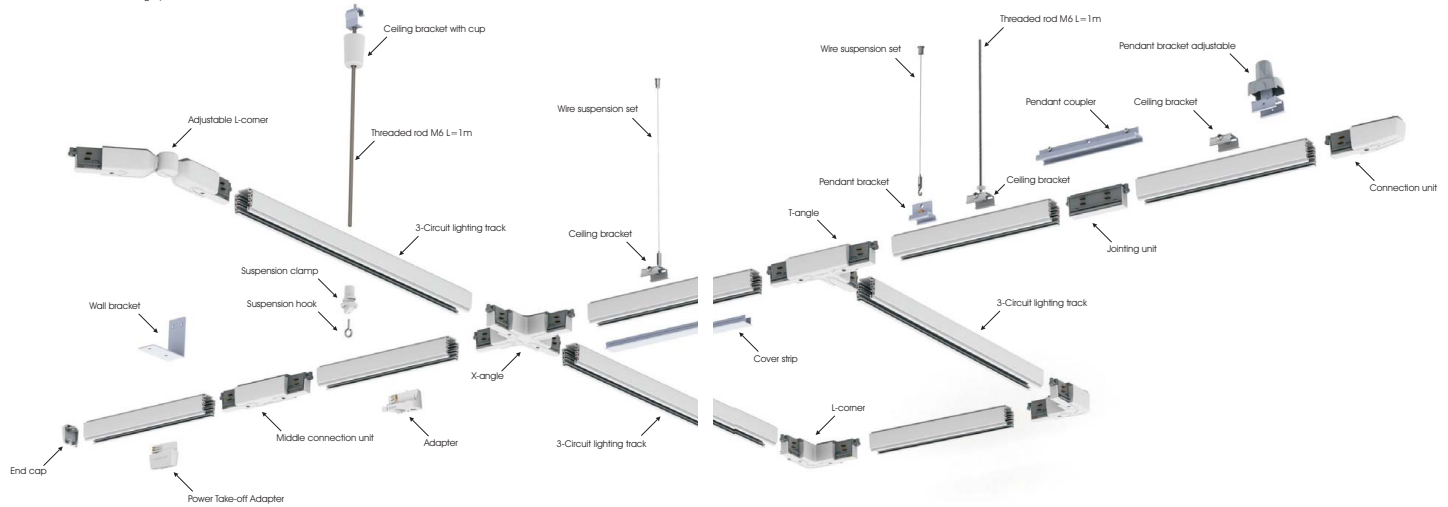


# TRACK SYSTEM

- 3-circuit track system available in white, black and grey colour.
- Available in 3 different lengths.
- Available for surface or recessed installation.
- Available accessories in white, black and grey colour.

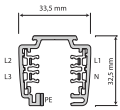


# TRACK SYSTEM



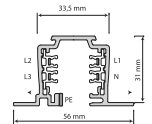
3-Circuit lighting track, Surface

Code	Model	Length	Colour
TRA.001	3-Circuit lighting track, Surface	2m	White
TRA.002	3-Circuit lighting track, Surface	3m	White
TRA.003	3-Circuit lighting track, Surface	4m	White
TRA.004	3-Circuit lighting track, Surface	2m	Grey
TRA.005	3-Circuit lighting track, Surface	3m	Grey
TRA.006	3-Circuit lighting track, Surface	4m	Grey
TRA.007	3-Circuit lighting track, Surface	2m	Black
TRA.008	3-Circuit lighting track, Surface	3m	Black
TRA.009	3-Circuit lighting track, Surface	4m	Black



3-Circuit lighting track, Recessed

Code	Model	Length	Colour
TRA.010	3-Circuit lighting track, Recessed	2m	White
TRA.011	3-Circuit lighting track, Recessed	3m	White
TRA.012	3-Circuit lighting track, Recessed	4m	White
TRA.013	3-Circuit lighting track, Recessed	2m	Grey
TRA.014	3-Circuit lighting track, Recessed	3m	Grey
TRA.015	3-Circuit lighting track, Recessed	4m	Grey
TRA.016	3-Circuit lighting track, Recessed	2m	Black
TRA.017	3-Circuit lighting track, Recessed	3m	Black
TRA.018	3-Circuit lighting track, Recessed	4m	Black



## TRACK SYSTEM ACCESSORIES

### Accessories



Code	Description	Colour
<i>Power supply (end feed)</i>		
TRA.031	Connection unit A	White
TRA.032	Connection unit B	White
TRA.033	Connection unit A	Grey
TRA.034	Connection unit B	Grey
TRA.035	Connection unit A	Black
TRA.036	Connection unit B	Black
<i>Middle connection (middle feed)</i>		
TRA.037	Middle connection unit	White
TRA.038	Middle connection unit	Grey
TRA.039	Middle connection unit	Black
<i>Jointing (multicolour)</i>		
TRA.040	Jointing unit	White
TRA.041	Jointing unit	Grey
TRA.042	Jointing unit	Black
<i>90° corner (feed)</i>		
TRA.043	L-corner	White
TRA.044	L-corner	Grey
TRA.045	L-corner	Black
<i>Adjustable corner</i>		
TRA.046	Adjustable L-corner	White
TRA.047	Adjustable L-corner	Grey
TRA.048	Adjustable L-corner	Black
<i>T-connector (feed)</i>		
TRA.049	T-angle A	White
TRA.050	T-angle B	White
TRA.051	T-angle C	White
TRA.052	T-angle D	White
TRA.053	T-angle A	Grey
TRA.054	T-angle B	Grey
TRA.055	T-angle C	Grey
TRA.056	T-angle D	Grey
TRA.057	T-angle A	Black
TRA.058	T-angle B	Black
TRA.059	T-angle C	Black
TRA.060	T-angle D	Black
<i>X-connector (feed)</i>		
TRA.061	X-angle	White
TRA.062	X-angle	Grey
TRA.063	X-angle	Black
<i>3 Phase Adapter</i>		
TRA.097	3 Phase Adapter	White
TRA.098	3 Phase Adapter	Black
TRA.099	3 Phase Adapter	Grey
<i>End cap</i>		
TRA.064	End cap	White
TRA.065	End cap	Grey
TRA.066	End cap	Black
<i>Cover plate</i>		
TRA.067	Cover plate	White
TRA.068	Cover plate	Grey
TRA.069	Cover plate	Black
<i>Ceiling adapter</i>		
TRA.118	Ceiling adapter	Black
TRA.119	Ceiling adapter	White

Interior Spotlights

Interior Spotlights



Code	Description	Colour
<i>Track suspension parts</i>		
TRA.070	Ceiling bracket	White
TRA.071	Ceiling bracket	Grey
TRA.072	Ceiling bracket	Black
TRA.073	Wire suspension set 1.5 m adjustable	
TRA.074	Wire suspension set 4 m adjustable	
TRA.117	Wire suspension set 4 m adjustable	Black
TRA.075	Threaded rod M6 L=1m	
TRA.076	Extension nut for threaded rod M6	
TRA.077	Tube for rod, white	
TRA.078	Nut for threaded rod M6	
TRA.079	Pendant bracket adjustable	White
TRA.080	Pendant bracket adjustable	Grey
TRA.081	Pendant bracket adjustable	Black
TRA.082	Pendant bracket	White
TRA.083	Pendant bracket	Grey
TRA.084	Pendant bracket	Black
TRA.085	Pendant coupler	White
TRA.086	Pendant coupler	Grey
TRA.087	Pendant coupler	Black
TRA.088	Ceiling bracket with cup	White
TRA.089	Ceiling bracket with cup	Black
TRA.090	Wall bracket	White
TRA.091	Wall bracket	Black
TRA.092	Suspension clamp	White
TRA.093	Suspension clamp	Black
TRA.094	Suspension hook	
TRA.095	Cover strip L=2m	White
TRA.096	Cover strip L=2m	Black
TRA.100	Locker	White
TRA.101	Locker	Black
TRA.102	Locker	Grey
TRA.103	AL-Nipple M10 Rotating, Thread 8mm	
TRA.104	AL-Nipple M10 Rotating, Thread 8mm	
TRA.105	Installation tool	
TRA.106	Cable clamp	
TRA.107	Counter Nut	
TRA.108	Power Take-off Adapter	White
TRA.109	Power Take-off Adapter	Black
TRA.110	Power Take-off Adapter	Grey
TRA.111	Adapter with logo	White
TRA.112	Adapter with logo	Black
TRA.113	Adapter with logo	Grey

TRACK SYSTEM

## 3-CIRCUIT / 3-CIRCUIT DALI Track System

- 3-Circuit Track System & 3-Circuit DALI Track System.
- Available for surface mounted or recessed application, the same accessories may be used.
- Available in White, Grey or Black colour.
- Variety of accessories offer solutions for any architectural spaces.

Interior Spotlights

Interior Spotlights

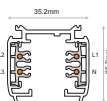


## 3-CIRCUIT / 3-CIRCUIT DALI Track System



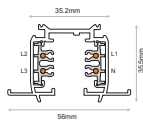
### 3-Circuit Surface Track

Code	Model	Length	Colour
TRA.500	3-Circuit Surface track	1m	White
TRA.503	3-Circuit Surface track	2m	White
TRA.506	3-Circuit Surface track	3m	White
TRA.501	3-Circuit Surface track	1m	Grey
TRA.504	3-Circuit Surface track	2m	Grey
TRA.507	3-Circuit Surface track	3m	Grey
TRA.502	3-Circuit Surface track	1m	Black
TRA.505	3-Circuit Surface track	2m	Black
TRA.508	3-Circuit Surface track	3m	Black



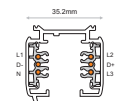
### 3-Circuit Recessed Track

Code	Model	Length	Colour
TRA.509	3-Circuit Recessed track	1m	White
TRA.512	3-Circuit Recessed track	2m	White
TRA.515	3-Circuit Recessed track	3m	White
TRA.510	3-Circuit Recessed track	1m	Grey
TRA.513	3-Circuit Recessed track	2m	Grey
TRA.516	3-Circuit Recessed track	3m	Grey
TRA.511	3-Circuit Recessed track	1m	Black
TRA.514	3-Circuit Recessed track	2m	Black
TRA.517	3-Circuit Recessed track	3m	Black



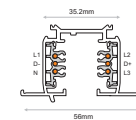
### 3-Circuit DALI Surface Track

Code	Model	Length	Colour
TRA.590	3-Circuit DALI Surface track	1m	White
TRA.593	3-Circuit DALI Surface track	2m	White
TRA.596	3-Circuit DALI Surface track	3m	White
TRA.591	3-Circuit DALI Surface track	1m	Grey
TRA.594	3-Circuit DALI Surface track	2m	Grey
TRA.597	3-Circuit DALI Surface track	3m	Grey
TRA.592	3-Circuit DALI Surface track	1m	Black
TRA.595	3-Circuit DALI Surface track	2m	Black
TRA.598	3-Circuit DALI Surface track	3m	Black



### 3-Circuit DALI Recessed Track

Code	Model	Length	Colour
TRA.609	3-Circuit DALI Recessed track	1m	White
TRA.602	3-Circuit DALI Recessed track	2m	White
TRA.605	3-Circuit DALI Recessed track	3m	White
TRA.600	3-Circuit DALI Recessed track	1m	Grey
TRA.603	3-Circuit DALI Recessed track	2m	Grey
TRA.606	3-Circuit DALI Recessed track	3m	Grey
TRA.601	3-Circuit DALI Recessed track	1m	Black
TRA.604	3-Circuit DALI Recessed track	2m	Black
TRA.607	3-Circuit DALI Recessed track	3m	Black



### 3-CIRCUIT / 3-CIRCUIT DALI Track System



#### Accessories 3-Circuits track system

Code	Description	Colour	Code	Description	Colour
TRA 518 TRA 519 TRA 520	Connector Left 3 CIRCUIT Connector Left 3 CIRCUIT Connector Left 3 CIRCUIT	White Grey Black	TRA 554 TRA 555 TRA 556	Twisted T connector R1->R2 Twisted T connector R1->R2 Twisted T connector R1->R2	White Grey Black
TRA 521 TRA 522 TRA 523	Connector Right 3 CIRCUIT Connector Right 3 CIRCUIT Connector Right 3 CIRCUIT	White Grey Black	TRA 557 TRA 558 TRA 559	L Connector Left L Connector Left L Connector Left	White Grey Black
TRA 524 TRA 525 TRA 526	Coupler 3 CIRCUIT Coupler 3 CIRCUIT Coupler 3 CIRCUIT	White Grey Black	TRA 560 TRA 561 TRA 562	L Connector Right L Connector Right L Connector Right	White Grey Black
TRA 527 TRA 528 TRA 529	Coupler INSULATION 3 CIRCUIT Coupler INSULATION 3 CIRCUIT Coupler INSULATION 3 CIRCUIT	White Grey Black	TRA 563 TRA 564 TRA 565	T Connector Left1 T Connector Left1 T Connector Left1	White Grey Black
TRA 530 TRA 531 TRA 532	Middle Connector Middle Connector Middle Connector	White Grey Black	TRA 566 TRA 567 TRA 568	T Connector Left2 T Connector Left2 T Connector Left2	White Grey Black
TRA 533 TRA 534 TRA 535	END CAP END CAP END CAP	White Grey Black	TRA 569 TRA 570 TRA 571	T Connector Right1 T Connector Right1 T Connector Right1	White Grey Black
TRA 536 TRA 537 TRA 538	End cap recessed End cap recessed End cap recessed	White Grey Black	TRA 572 TRA 573 TRA 574	T Connector Right2 T Connector Right2 T Connector Right2	White Grey Black
TRA 539 TRA 540 TRA 541	Flexible connector Flexible connector Flexible connector	White Grey Black	TRA 575 TRA 576 TRA 577	Connector cover Connector cover Connector cover	White Grey Black
TRA 542 TRA 543 TRA 544	Adjustable connector Adjustable connector Adjustable connector	White Grey Black	TRA 578 TRA 579 TRA 580	T Connector cover T Connector cover T Connector cover	White Grey Black
TRA 545 TRA 546 TRA 547	X Connector X Connector X Connector	White Grey Black	TRA 581 TRA 582 TRA 583	X Connector cover X Connector cover X Connector cover	White Grey Black
TRA 548 TRA 549 TRA 550	Twisted L connector (L and R) Twisted L connector (L and R) Twisted L connector (L and R)	White Grey Black	TRA 584 TRA 585 TRA 586	Middle connector cover Middle connector cover Middle connector cover	White Grey Black
TRA 551 TRA 552 TRA 553	Twisted T connector L1->L2 Twisted T connector L1->L2 Twisted T connector L1->L2	White Grey Black	TRA 587 TRA 588 TRA 589	L Connector cover L Connector cover L Connector cover	White Grey Black



#### Accessories 3-Circuits DALI track system

Code	Description	Colour	Code	Description	Colour
TRA 608 TRA 609 TRA 610	Connector Left DALI 3 Circuit Connector Left DALI 3 Circuit Connector Left DALI 3 Circuit	White Grey Black	TRA 611 TRA 612 TRA 613	Connector Right DALI 3 Circuit Connector Right DALI 3 Circuit Connector Right DALI 3 Circuit	White Grey Black
TRA 614 TRA 615 TRA 616	Coupler DALI 3 Circuit Coupler DALI 3 Circuit Coupler DALI 3 Circuit	White Grey Black	TRA 617 TRA 618 TRA 619	Middle connector DALI 3 Circuit Middle connector DALI 3 Circuit Middle connector DALI 3 Circuit	White Grey Black
TRA 620 TRA 621 TRA 622	Flexible connector DALI 3 Circuit Flexible connector DALI 3 Circuit Flexible connector DALI 3 Circuit	White Grey Black	TRA 623 TRA 624 TRA 625	X Connector DALI 3 Circuit X Connector DALI 3 Circuit X Connector DALI 3 Circuit	White Grey Black
TRA 626 TRA 627 TRA 628	L Connector Left DALI 3 Circuit L Connector Left DALI 3 Circuit L Connector Left DALI 3 Circuit	White Grey Black	TRA 629 TRA 630 TRA 631	L Connector Right DALI 3 Circuit L Connector Right DALI 3 Circuit L Connector Right DALI 3 Circuit	White Grey Black
TRA 632 TRA 633 TRA 634	T Connector Left1 DALI 3 Circuit T Connector Left1 DALI 3 Circuit T Connector Left1 DALI 3 Circuit	White Grey Black	TRA 635 TRA 636 TRA 637	T Connector Left2 DALI 3 Circuit T Connector Left2 DALI 3 Circuit T Connector Left2 DALI 3 Circuit	White Grey Black
TRA 638 TRA 639 TRA 640	T Connector Right1 DALI 3 Circuit T Connector Right1 DALI 3 Circuit T Connector Right1 DALI 3 Circuit	White Grey Black	TRA 641 TRA 642 TRA 643	T Connector Right2 DALI 3 Circuit T Connector Right2 DALI 3 Circuit T Connector Right2 DALI 3 Circuit	White Grey Black
TRA 644 TRA 645 TRA 646	Connector cover DALI 3 Circuit Connector cover DALI 3 Circuit Connector cover DALI 3 Circuit	White Grey Black			

### 3-CIRCUIT / 3-CIRCUIT DALI Track System













#### Track suspension & general accessories

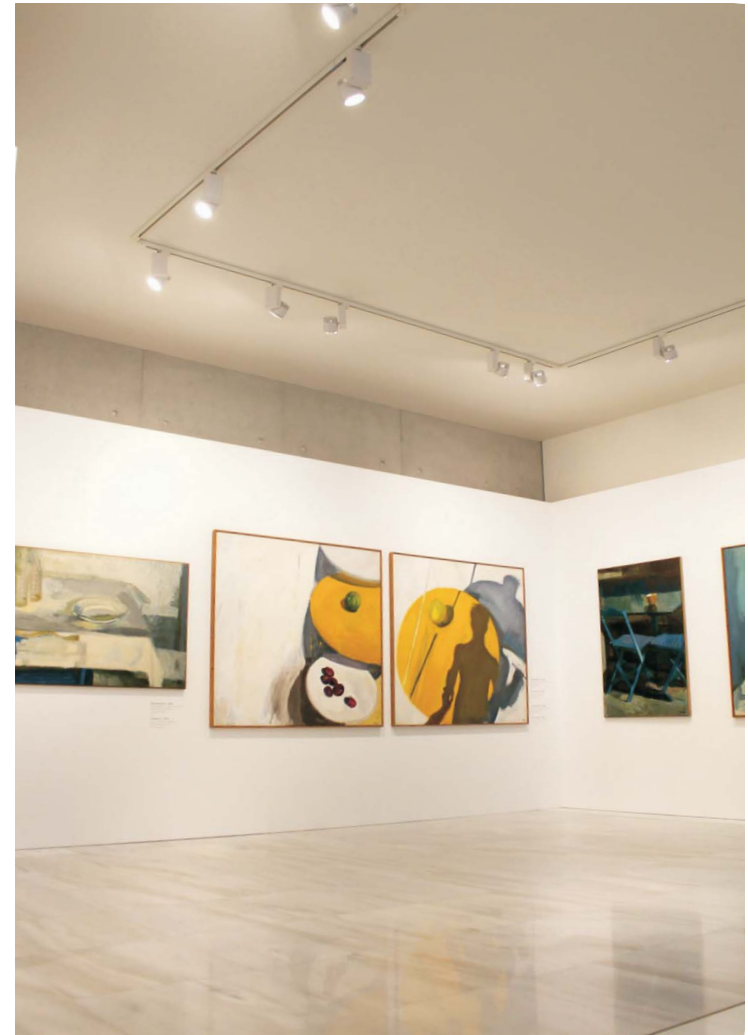
Code	Description	Colour
TRA 680 TRA 681 TRA 682	Suspension connection clamp Suspension connection clamp Suspension connection clamp	White Grey Black
TRA 683 TRA 684 TRA 685	Suspension Clamp for track Suspension Clamp for track Suspension Clamp for track	White Grey Black
TRA 686 TRA 687 TRA 688	Rod suspension Rod suspension Rod suspension	White Grey Black
TRA 689 TRA 690 TRA 691	Wire suspension 5m G2 Wire suspension 5m G2 Wire suspension 5m G2	White Grey Black
TRA 692 TRA 693 TRA 694	Wire suspension 5m Wire suspension 5m Wire suspension 5m	White Grey Black
TRA 695 TRA 696 TRA 697	T Bar T Bar T Bar	White Grey Black
TRA 698 TRA 699 TRA 700	Reinforcement plate with 5m wire Reinforcement plate with 5m wire Reinforcement plate with 5m wire	White Grey Black
TRA 701 TRA 702 TRA 703	Mounting clamp Mounting clamp Mounting clamp	White Grey Black
TRA 704	Fixing Bracket For Recessed Track	
TRA 705 TRA 706 TRA 707	Wall clamp 9cm Wall clamp 9cm Wall clamp 9cm	White Grey Black
TRA 708 TRA 709 TRA 710	Suspension hook Suspension hook Suspension hook	White Grey Black
TRA 711 TRA 712	Track cover strip 3m Track cover strip 3m	White Black
TRA 713 TRA 714 TRA 715	Mechanical adapter Mechanical adapter Mechanical adapter	White Grey Black
TRA 716 TRA 717 TRA 718	Fixed monopoint for track adapter Fixed monopoint for track adapter Fixed monopoint for track adapter	White Grey Black
TRA 719 TRA 720 TRA 721	Fixed monopoint DALI for track adapter Fixed monopoint DALI for track adapter Fixed monopoint DALI for track adapter	White Grey Black
TRA 722 TRA 723	Schuko adapter Schuko adapter	White Black

**3-CIRCUIT / 3-CIRCUIT DALI**  
Track System

Interior Spotlights 

**Adapters**

Code	Description	Colour
 <b>TRA.724</b>	Smart 3 circuits adapter	White
<b>TRA.725</b>	Smart 3 circuits adapter	Grey
<b>TRA.726</b>	Smart 3 circuits adapter	Black
 <b>TRA.727</b>	Classic 3 circuits adapter	White
<b>TRA.728</b>	Classic 3 circuits adapter	Grey
<b>TRA.729</b>	Classic 3 circuits adapter	Black
 <b>TRA.730</b>	Adapter DALI 3 Circuit	White
<b>TRA.731</b>	Adapter DALI 3 Circuit	Grey
<b>TRA.732</b>	Adapter DALI 3 Circuit	Black
 <b>TRA.733</b>	Adapter DALI 1 Circuit	White
<b>TRA.734</b>	Adapter DALI 1 Circuit	Grey
<b>TRA.735</b>	Adapter DALI 1 Circuit	Black
 <b>TRA.736</b>	Nipple M10x1.0 h8mm (complete ALU)	
 <b>TRA.737</b>	Nipple M10x1.0 h8mm (coloured ring)	White
<b>TRA.738</b>	Nipple M10x1.0 h8mm (coloured ring)	Grey
<b>TRA.739</b>	Nipple M10x1.0 h8mm (coloured ring)	Black
 <b>TRA.740</b>	Nipple M10x1.0 h12mm (complete ALU)	
 <b>TRA.741</b>	Nipple M10x1.0 h12mm (coloured ring)	White
<b>TRA.742</b>	Nipple M10x1.0 h12mm (coloured ring)	Grey
<b>TRA.743</b>	Nipple M10x1.0 h12mm (coloured ring)	Black
 <b>TRA.744</b>	Nipple M13x1.0 h12mm	
 <b>TRA.745</b>	PVC strain relief	White
<b>TRA.746</b>	PVC strain relief	Grey
<b>TRA.747</b>	PVC strain relief	Black
 <b>TRA.748</b>	PVC Nipple strain relief M10	White
<b>TRA.749</b>	PVC Nipple strain relief M10	Grey
<b>TRA.750</b>	PVC Nipple strain relief M10	Black
 <b>TRA.751</b>	Tool for smart 3 circuit adapter wiring	



# CALLISTO X

Interior Spotlights

Interior Spotlights

CALLISTO X

- Callisto series of indoor tracklights consists of three models. Callisto X is the largest model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barndoor.
- L90/B10 50.000h
- 3 SDCM

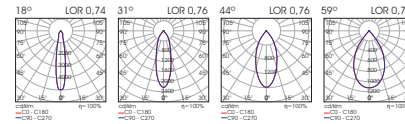
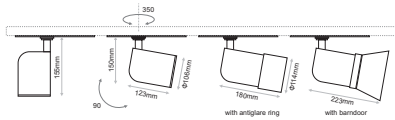
LIGHTSOURCE BY  
bridgelux.



Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	CR97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
<b>CALLISTO X 31.3W</b> (CALLISTO X31)	2700K (27B)	4510lm	3721lm	3298lm	18° (18)	Adjustable (ADJ)	White (WH)	Non-Dimmable (ND)	Standard (S)
	3000K (30B)	4792lm	3890lm	3524lm	31° (31)		Black (BL)	DALI (DL)	Honeycomb (H)
	4000K (40B)	4933lm	4115lm	-	44° (44)			Phase Cut** (PC)	
	5700K (57B)	4792lm	-	-	59° (59)			Trailing Edge Dimmer (TED)	
								Local Dimming** (LD)	<b>EXTRAS</b> No Extras (E0) Antiglare Ring Black (A1) Antiglare Ring White (A2) Barndoor Teatro Black (B3) Barndoor Teatro White (B4) Barndoor Standard Black (B5) Barndoor Standard White (B6)
<b>CALLISTO X 37.1W</b> (CALLISTO X37)	2700K (27B)	5199lm	4289lm	3822lm					
	3000K (30B)	5524lm	4484lm	4062lm					
	4000K (40B)	5687lm	4744lm	-					
	5700K (57B)	5524lm	-	-					

\* Available in 3500K, 5000K and 6500K upon request  
\*\*Available only for 31.3W version

Ordering Code Example: CALLISTO X31-30B-97-59-AD-BL-ND-11





# CALLISTO D

- Callisto series of indoor tracklights consists of three models. Callisto D is the intermediate model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barndoor.
- L90/B10 50.000h
- 3 SDCM



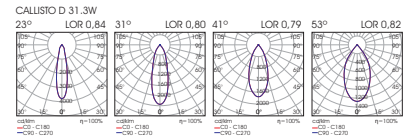
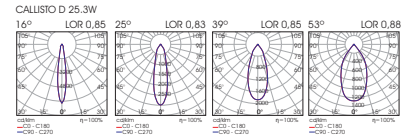
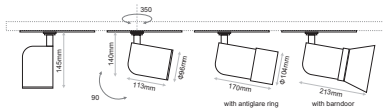
# CALLISTO D



Model LED Power)	CCT*	CB85 LED Source	CB90 LED Source	CB97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
<b>CALLISTO D 25.3W</b> (CALLISTO D25)	2700K (27B)	3384lm	2792lm	2475lm	16° (16)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard Honeycomb (0-1) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)
	3000K (30B)	3593lm	2919lm	2644lm	25° (25)		Black (BL)		
	4000K (40B)	3701lm	3088lm	-	39° (39)				
	5700K (57B)	3595lm	-	-	53° (53)				
<b>CALLISTO D 31.3W</b> (CALLISTO D31)	2700K (27B)	4510lm	3721lm	3298lm	23° (23)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard Honeycomb (0-1) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)
	3000K (30B)	4792lm	3890lm	3524lm	31° (31)		Black (BL)		
	4000K (40B)	4933lm	4115lm	-	41° (41)				
	5700K (57B)	4792lm	-	-	53° (53)				
<b>Warm Dimmable</b>		LED Source	CB95						
<b>CALLISTO D 30.6W</b> Warm Dimmable (CALLISTO D WD30)	Warm Dimmable 1800K-3000K (1830B)	2850lm	95 (95)		23° (23)	Adjustable (AD)	White (WH)	DALI (DL)	Standard Honeycomb (0-1) DALI (DL) Phase Cut (Trailing Edge Dimmer) (PC) Local Dimming (LD)
					31° (31)		Black (BL)		
					41° (41)				
					53° (53)				

\* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: CALLISTO D25-408-90-25-AD-BL-ND-11



# CALLISTO N



# CALLISTO N

- Callisto series of indoor tracklights consists of three models. Callisto N is the smallest model.
- Adjustable 350° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: honeycomb, antiglare ring and barndoor.
- 190/B10 50.000h
- 3 SDCM

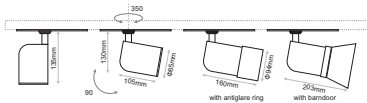
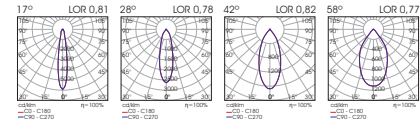
LIGHTSOURCE BY  
bridgelux.



Model (LED Power)	CCT*	CB80 LED Source	CB85 LED Source	CB97 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (80)	90 (90)	97 (97)					
<b>CALLISTO N 17.5W</b> (CALLISTO N18)	2700K (2/78)	2482lm	2048lm	1815lm	17° (17)	Adjustable (AU)	White (WH) Black (BK)	Non-Dimmable (ND) DALI (DL) Phase Cut (Trailing Edge Dimmer) Local Dimming (LD)	Standard (0) Honeycomb (1) Antiglare Ring Black (1) Antiglare Ring White (2) Barndoor Teatro Black (3) Barndoor Teatro White (4) Barndoor Standard Black (5) Barndoor Standard White (6)
	3000K (3/38)	2637lm	2140lm	1939lm	28° (28)				
	4000K (4/38)	2714lm	2265lm	-	42° (42)				
	5700K (5/78)	2637lm	-	-	58° (58)				
<b>CALLISTO N 25.3W</b> (CALLISTO N25)	2700K (2/78)	3384lm	2792lm	2475lm					Extras No Extras (0) Antiglare Ring Black (1) Antiglare Ring White (2) Barndoor Teatro Black (3) Barndoor Teatro White (4) Barndoor Standard Black (5) Barndoor Standard White (6)
	3000K (3/38)	3595lm	2919lm	2644lm					
	4000K (4/38)	3701lm	3088lm	-					
	5700K (5/78)	3450lm	-	-					
<b>Warm Dimmable</b>		LED Source	CB95						
<b>CALLISTO N 16.5W</b> Warm Dimmable (CALLISTO N WD17)		Warm Dimmable 1800K-3000K (18328)	1520lm	95 (95)				DALI (DL) Phase Cut (Trailing Edge Dimmer) Local Dimming (LD)	

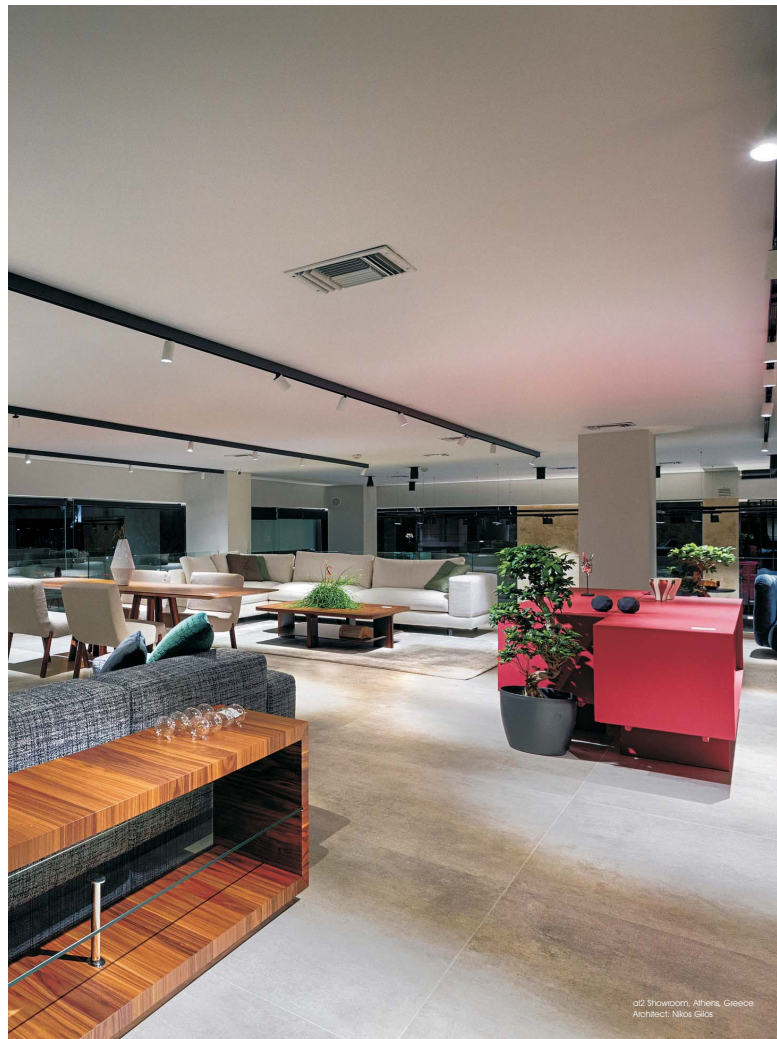
\* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: CALLISTO N18-278-90-42-AD-WH-ND-02





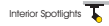
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



g2 Showroom, Athens, Greece  
Architect: Nikos Glics

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

# RIENA X



- Riena series of indoor tracklights consists of three models. Riena X is the largest model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

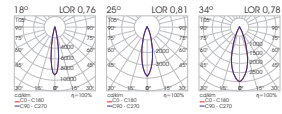
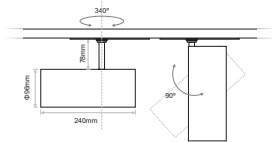


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Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 [80]	90 [90]					
<b>RIENA X 24.6W</b> <small>(RIENA X25)</small>	2700K (278)	3380mm	2780mm	18° [18]	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Rating Edge Dimmer) (PC) Local Dimming (LD)	Standard (00)
	3000K (308)	3590mm	2910mm	25° [25]				Antiglare Ring Black (01)
	4000K (408)	3690mm	3080mm	34° [34]				Antiglare Ring White (02) Barn Door Black (03) Barn Door White (04)
<b>RIENA X 31.6W</b> <small>(RIENA X32)</small>	2700K (278)	4340mm	3580mm					
	3000K (308)	4610mm	3740mm					
	4000K (408)	4750mm	3940mm					
	5700K (578)	4610mm	-					

\* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: RIENA X25-40B-80-34-AD-WH-PC-04



# RIENA D



- Riena series of indoor tracklights consists of three models. Riena D is the intermediate model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

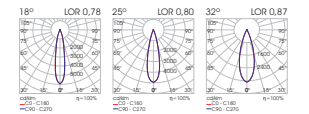
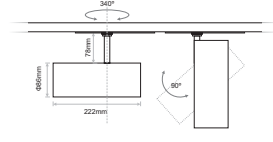


LED SOURCE BY  
bridgelux.

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 [80]	90 [90]					
<b>RIENA D 16.2W</b> <small>(RIENA D16)</small>	2700K (278)	2190mm	1810mm	18° [18]	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (Rating Edge Dimmer) (PC) Local Dimming (LD)	Standard (00)
	3000K (308)	2330mm	1890mm	25° [25]				Antiglare Ring Black (01)
	4000K (408)	2400mm	2000mm	32° [32]				Antiglare Ring White (02) Barn Door Black (03) Barn Door White (04)
<b>RIENA D 22.6W</b> <small>(RIENA D22)</small>	2700K (278)	3070mm	2530mm					
	3000K (308)	3260mm	2640mm					
	4000K (408)	3360mm	2800mm					
	5700K (578)	3260mm	-					

\* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: RIENA D23-40B-80-32-AD-WH-PC-04



# RIENA N

Interior Spotlights

- Riena series of indoor tracklights consists of three models. Riena N is the smallest model.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in White or Black Colour
- Available accessories: antiglare ring and barn door.
- L90/B10 50.000h
- 3 SDCM

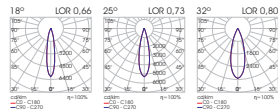
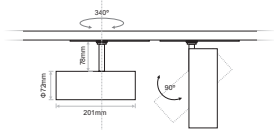


LED SOURCE BY  
bridgelux.

Model (LED Power)	CCT*	C880 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
		80 (85)	90 (95)					
<b>RIENA N 12.8W</b> <small>(RIENA N12.8)</small>	2700K (278)	1650lm	950lm	18° (18)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (00)
	3000K (328)	1780lm	1450lm	25° (25)		Black (BL)	DALI (DU)	Antiglare Ring Black (01)
	4000K (428)	1840lm	1530lm	32° (32)		Phase Cut (Railing Edge Dimmer) (PC)	Local Dimming (LD)	Antiglare Ring White (02)
	5700K (578)	1780lm	-				Barn Door Black (03)	
								Barn Door White (04)
<b>RIENA N 16.2W</b> <small>(RIENA N16.2)</small>	2700K (278)	2190lm	1810lm		Adjustable (AD)	White (WH)	Non-Dimmable (ND)	Standard (00)
	3000K (328)	2330lm	1890lm			Black (BL)	DALI (DU)	Antiglare Ring Black (01)
	4000K (428)	2400lm	2000lm			Phase Cut (Railing Edge Dimmer) (PC)	Local Dimming (LD)	Antiglare Ring White (02)
	5700K (578)	2330lm	-				Barn Door Black (03)	
								Barn Door White (04)

\* Available in 3500K, 5000K, and 6500K upon request.

Ordering Code Example: RIENA N16-40B-80-32-AD-WH-PC-04

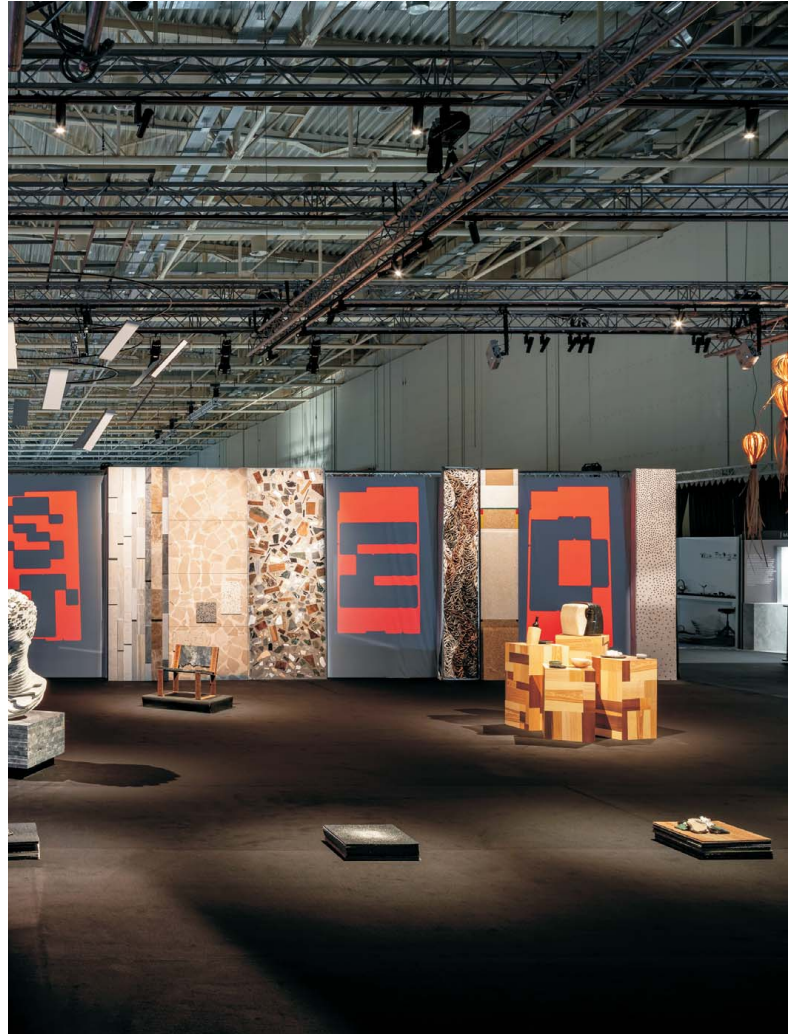


ar2 Booth, Salone del Mobile, Milano  
Architect: Nilos Gilis



WASTED installation of the Architect Show (Athens / Greece)  
Lighting Design: Absight  
Artist Curator: Ioana Velkos & Anna Spokou  
Video & Graphic Curation: Design Ambassador  
Photo: Gavril Papadakis

**AWARDS:**  
**d|arc awards** Shortlisted 2022 Art: Low Budget



# FERIA ZOOM X

Interior Spotlights

- FERIA series of tracklights consists of four models. FERIA Zoom X is the largest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 18° (min) – 65° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90B10 50.000h
- 3 SDCM

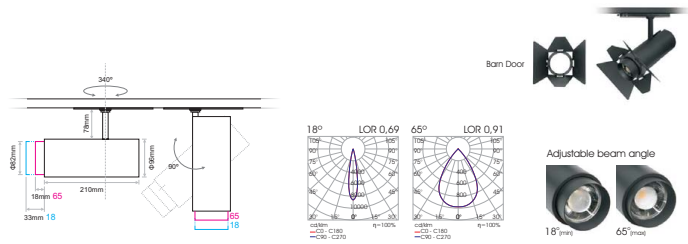


LIGHTSOURCE BY  
bridgelux.

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (R0)	90 (R0)				
<b>FERIA ZOOM X 32.3W</b> <i>(FERIA_ZOOM_X32)</i>	2700K (278)	4485lm	3701lm	Adjustable (18-65) 18°(min)-65°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut** (PC) Local Dimming** (LD)
	3000K (308)	4766lm	3868lm				
	4000K (408)	4906lm	4092lm				
	5700K (578)	4766lm	-				
<b>FERIA ZOOM X 38.3W</b> <i>(FERIA_ZOOM_X38)</i>	2700K (278)	5133lm	4236lm	Adjustable (18-65) 18°(min)-65°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut** (PC) Local Dimming** (LD)
	3000K (308)	5455lm	4428lm				
	4000K (408)	5615lm	4684lm				
	5700K (578)	5455lm	-				

\* Available in 3500K, 5000K and 6500K upon request  
\*\* Available only for 32.3W version

Ordering Code Example: FERIA\_ZOOM\_X32-40B-80-1865-AD-BL-ND



Interior Spotlights

- FERIA series of tracklights consists of four models. FERIA Zoom D is the intermediate model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 22° (min) – 60° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90B10 50.000h
- 3 SDCM

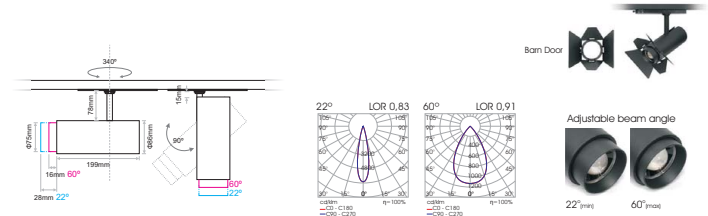


LIGHTSOURCE BY  
bridgelux.

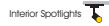
Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	CR97 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (R0)	90 (R0)	97 (R7)				
<b>FERIA ZOOM D 25.3W</b> <i>(FERIA_ZOOM_D25)</i>	2700K (278)	3384lm	2792lm	2475lm	Adjustable (22-60) 22°(min)-60°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (PC) Local Dimming (LD)
	3000K (308)	3595lm	2919lm	2644lm				
	4000K (408)	3701lm	3088lm	-				
	5700K (578)	3595lm	-	-				
<b>FERIA ZOOM D 32.3W</b> <i>(FERIA_ZOOM_D32)</i>	2700K (278)	4485lm	3701lm	-	Adjustable (22-60) 22°(min)-60°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND) DALI (DL) Phase Cut (PC) Local Dimming (LD)
	3000K (308)	4766lm	3868lm	-				
	4000K (408)	4906lm	4092lm	-				
	5700K (578)	4766lm	-	-				

\* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA\_ZOOM\_D25-40B-90-2260-AD-BL-ND



# FERIA ZOOM N



- FERIA series of tracklights consists of four models. FERIA Zoom N is the smallest model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 17° (min) – 58° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

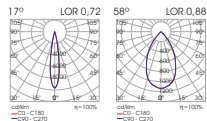
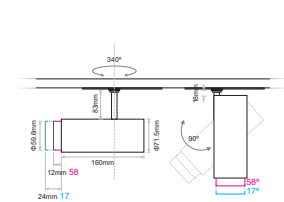


LIGHTSOURCE BY  
bridgelux.

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)				
<b>FERIA ZOOM N 17.7W</b> (FERIA ZOOM N16)	2700K (278)	2302mm	1899mm	Adjustable (17-58) 17°(min)-58°(max)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)
	3000K (308)	2445mm	1985mm			Black (BL)	DALI (DL)
	4000K (408)	2518mm	2100mm			Phase Cut (Trailing Edge Dimmer) (PC)	
	5700K (578)	2445mm	-			Local Dimming (LD)	

\* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA ZOOM N16-40B-90-1758-AD-BL-ND



Barn Door



Adjustable beam angle



# FERIA ZOOM F

- FERIA series of tracklights consists of four models. FERIA Zoom F is the last model.
- It is ideal for museum lighting.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Adjustable beam angle: 6° (min) – 60° (max)
- Available in White or Black Colour.
- Available accessory: barn door
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM

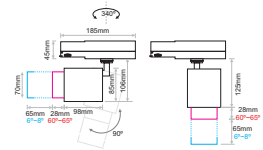


LIGHTSOURCE BY  
bridgelux.

Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80)	90 (90)				
<b>FERIA ZOOM F 17.7W</b> (FERIA ZOOM F16)	2700K (278)	2190mm	1810mm	Adjustable 6°(min)-60°(max)	Adjustable (AD)	White (WH)	Non-Dimmable (ND)
	3000K (308)	2330mm	1890mm			Black (BL)	DALI (DL)
	4000K (408)	2400mm	2000mm			Phase Cut (Trailing Edge Dimmer) (PC)	
	5700K (578)	2330mm	-			Local Dimming (LD)	
<b>FERIA ZOOM F 25.3W</b> (FERIA ZOOM F25)	2700K (278)	3375mm	2785mm	Adjustable 8°(min)-65°(max)			
	3000K (308)	3585mm	2911mm				
	4000K (408)	3690mm	3080mm				
	5700K (578)	3585mm	-				

\* Available in 3500K, 5000K and 6500K upon request

Ordering Code Example: FERIA ZOOM F25-30B-90-AD-WH-DL



Adjustable beam angle





## ADORNO TRACK Retrofit

- Adorno is an elegant tracklight suitable for GU10 LED lamps.
- Max 7.5 Watt (lamp not included).
- Housing: Powder coated aluminium.
- Adjustable 340° on the horizontal plane & 90° on the vertical plane.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.
- 3 circuit track adaptor.

Interior Spotlights

Interior Spotlights

## RIO L SQUARE

- Rio L is a tracklight with long bracket and square form suitable for GU10 LED lamps.
- Max 50 Watt (lamp not included).
- Adjustable 340° on the horizontal plane & ±90° on the vertical plane.
- Available only in White Colour.
- 3 circuit track adaptor.

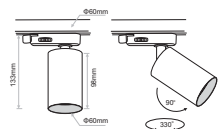


Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
<b>ADORNO TRACK Retrofit</b> (ADORNO TRR)	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable (AD)	GU10 (G1) (max 7.5W)	Standard Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)



Lamp  
Not included

Ordering Code Example:  
ADORNO TRR-WB-AD-G1-1

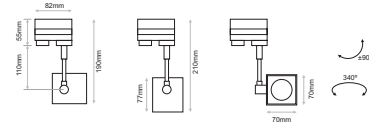


Model	Colour	Type	Lamp Holder	Accessories
<b>RIO L Square</b> (RIO L SQ)	White (WH)	Adjustable (AD)	GU10 (G1) (max 50W)	Standard (1)



Lamp  
Not included

Ordering Code Example:  
RIO L SQ-WH-AD-G1-0



# MANDI SYSTEM

- MANDI is a firmless system creating horizontal and vertical lines.
- MANDI luminaire is available in White or Black Colour.
- MANDI System accessories include: Corner, Internal & External set 90D, Corner U type , Extension Line, 90D Corner Extension.
- Installation box is not included.
- 3 circuit track adaptor.
- L90/B10 50.000h
- 3 SDCM



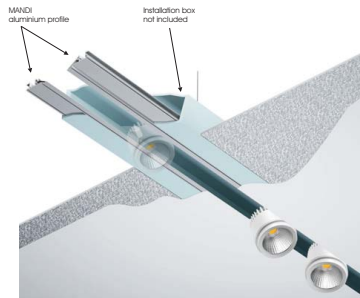
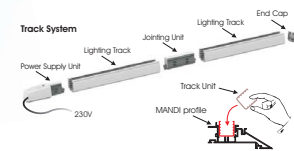
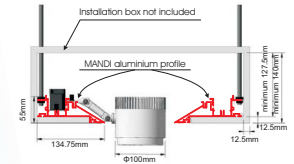
Interior Spotlights



Interior Spotlights



## MANDI SYSTEM

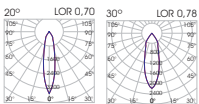


Lightsource by  
bridgelux.

Model (LED Power)	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
		C880	C890	C897						
<b>MANDI 12.2W</b> (MANDI 12)	2700K (27B)	1575lm	1313lm	-	Adjustable (AD)	80 (80)	20° (20)	White (WH)	Without Driver (00)	Standard (01)
	3000K (30B)	1657lm	1362lm	-		90 (90)	30° (30)	Black (BL)	Non-Dimmable (ND)	Diffuser (1-1)
	4000K (40B)	1706lm	1460lm	-		97 (97)			Analogue (1-10V) (A1)	Honeycomb (2-1)
	5700K (57B)	1788lm	-	-					DMX (DX)	
<b>MANDI 12.5W</b> (MANDI 12)	2700K (27B)	-	-	1121lm					DALI (DL)	EXTRAS (1-0)
	3000K (30B)	-	-	1196lm					Push Button (PB)	No Extras (1-0)
									Phase Cut (PC)	Emergency Kit (1-1)
									Wireless ** (WL)	
<b>MANDI 17.1W</b> (MANDI 17)	2700K (27B)	2382lm	1985lm	-						
	3000K (30B)	2481lm	2050lm	-						
	4000K (40B)	2581lm	2209lm	-						
	5700K (57B)	2705lm	-	-						
<b>MANDI 17.5W</b> (MANDI 17)	2700K (27B)	-	-	1660lm						
	3000K (30B)	-	-	1783lm						

\* Available in 3500K, 5000K and 6500K upon request  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

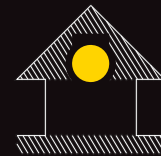
Ordering Code Example: MANDI 17-30B-AD-80-30-BL-ND-00





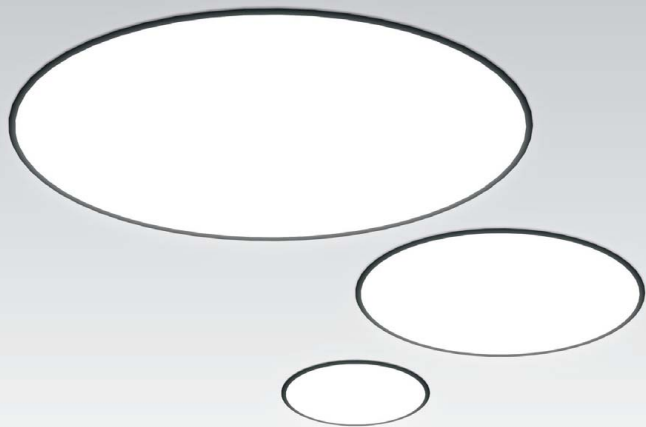
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antifakas Str, N. Phildelphia, 14341 Athens, Greece. info@electron.gr, www.electron.gr

# CEILING RECESSED



# DISC RC (Recessed)

Ceiling Recessed 



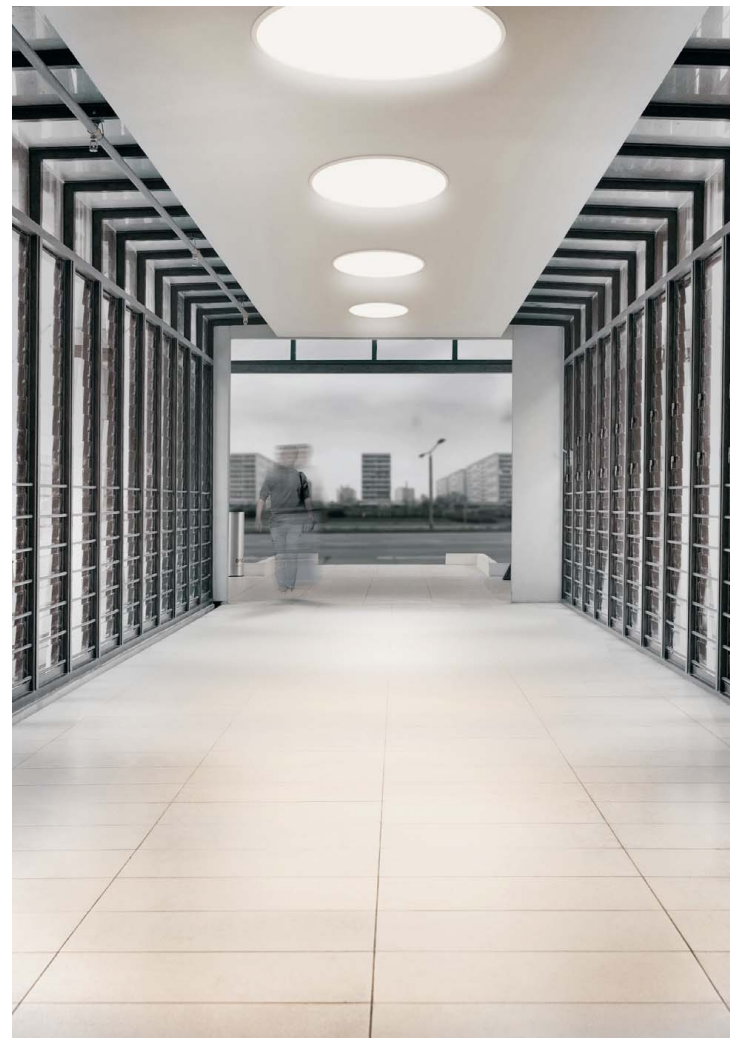
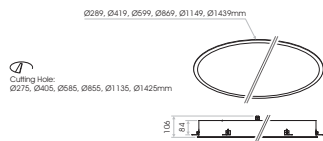
- Disc is a complete series of round luminaires available in surface, pendant, recessed and trackless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h.
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



**LED source efficacy up to 214lm/W (4000K)**  
**Luminaire efficacy up to 143lm/W (4000K)**

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

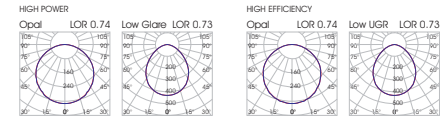




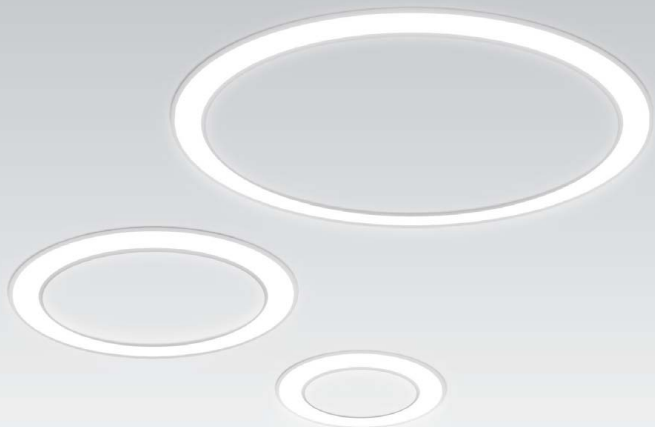
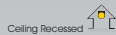
Model	Luminaire Colour	CCT	Watt / Diameter	CR <sup>1</sup> LED Source	CR <sup>2</sup> LED Source	Type	Voltage	Dimming Option	Extras	
<b>DISC Recessed High Power</b> <i>(DISC RC HP)</i>	White <i>(W)</i>	3000K <i>(3)</i>	<b>HIGH POWER</b>	> 80 (80) <b>3000K</b>	> 80 (80) <b>4000K</b>	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable	<b>Function</b> Standard Emergency <i>(E)</i>	
	Black <i>(B)</i>	4000K <i>(4)</i>	11.9W / 27cm <i>(12W027)</i>	1910lm	2070lm	Low Glare <i>(LE) ***</i>		Analogue <i>(A1)</i> (1-10V)		
	Grey <i>(GR)</i>		26.2W / 40cm <i>(26W040)</i>	3970lm	4170lm			DALI <i>(DL)</i>		
			57.4W / 58cm <i>(58W058)</i>	8670lm	9110lm			Wireless <i>(WL)</i>		
			123.8W / 85cm <i>(124W085)</i>	17980lm	18900lm					
			214.8W / 113cm <i>(215W113)</i>	31060lm	32650lm					
			336.6W / 142cm <i>(337W142)</i>	49550lm	52200lm					
	<b>DISC Recessed High Efficiency</b> <i>(DISC RC HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 (80) <b>3000K</b>	> 80 (80) <b>4000K</b>	Opal <i>(CP)</i>			
				4.5W / 27cm <i>(05W027)</i>	810lm	880lm	Low UGR <i>(LU) ***</i>			
				9.8W / 40cm <i>(10W040)</i>	1680lm	1770lm				
				21.2W / 58cm <i>(21W058)</i>	3640lm	3830lm				
				45.7W / 85cm <i>(46W085)</i>	7430lm	7810lm				
			79.4W / 113cm <i>(80W113)</i>	12830lm	13490lm					
			124.4W / 142cm <i>(124W142)</i>	20590lm	21700lm					

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR < 22), Low UGR (UGR < 19)

Ordering Code Example: DISC RC HP-BL-30-58W058-80-LG-230-ND-0



# ECLIPSE RC (Recessed)



- ECLIPSE is a complete series of round luminaires available in surface, pendant, recessed and trackless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaires material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40

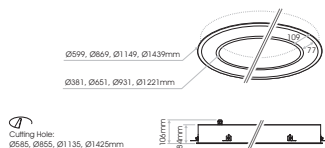


LED source efficacy up to 195lm/W (4000K)  
Luminaire efficacy up to 119lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

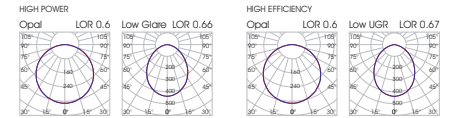




Model	Luminaire Colour*	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
<b>ECLIPSE Recessed High Power</b> (ECLIPSE RC HP)	White (Wh)	3000K (30)	<b>HIGH POWER</b>	> 80 (80) 3000K	> 80 (80) 4000K	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard Emergency (1)
	Black (Bl)	4000K (40)	46.2W / 58cm (46W058)	6910lm	7310lm	Low Glare (LG)***		Analogue (A1) (1-10V)	
	Grey (Gr)		75W / 85cm (75W085)	11070lm	11740lm			DALI (DL)	
			104.5W / 113cm (105W113)	15490lm	16390lm			Wireless (WL)	
			134.1W / 142cm (134W142)	19960lm	21100lm				
<b>ECLIPSE Recessed High Efficiency</b> (ECLIPSE RC HE)			<b>HIGH EFFICIENCY</b>	> 80 (80) 3000K	> 80 (80) 4000K	Opal (CP)			
			17.6W / 58cm (18W058)	2940lm	3110lm	Low UGR (LU)***			
			26.7W / 85cm (27W085)	4450lm	4720lm				
			37.2W / 113cm (37W113)	6230lm	6590lm				
			47.8W / 142cm (48W142)	8020lm	8480lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CRI90 upon request.
- \*\*\* Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE RC HP-BL-30-105W113-80-LG-230-ND-0

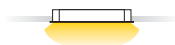


# LOOP RC (Recessed)

Ceiling Recessed 



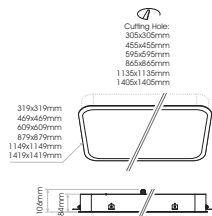
- LOOP is a complete series of round luminaires available in surface, pendant, recessed and fitless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 21, 8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18,6\*) as an option in the High Efficiency model.
- Luminaire material: Aluminum.
- Cover material: PMMA
- Powder Coated: Black (RAL 9005), White (RAL 9003), or Grey (RAL 7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B1 0 50.000h.
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



**LED source efficacy up to 197lm/W (4000K)**  
**Luminaire efficacy up to 132lm/W (4000K)**

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



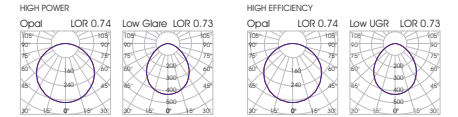
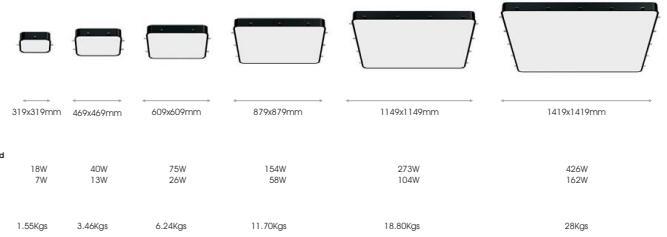




Model	Luminaire Colour*	CCT	Wall / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras	
<b>LOOP Recessed High Power</b> <i>(LOOP RC-HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(F)</i>	
	Black <i>(BL)</i>	4000K <i>(40)</i>	17.6W / 30x30cm <i>(19W3030)</i>	2600lm	2780lm	Low Glare <i>(LG)***</i>		Analogue <i>(1-10V)</i> <i>(A1)</i>	Emergency <i>(E)</i>	
	Grey <i>(GR)</i>		39.5W / 45x45cm <i>(40W4545)</i>	5800lm	6160lm			DALI <i>(DL)</i>		
			75W / 59x59cm <i>(75W5959)</i>	10720lm	11270lm			Wireless <i>(WL)</i>		
			153.5W / 86x86cm <i>(154W8686)</i>	22150lm	23290lm					
			272.8W / 113x113cm <i>(273W113113)</i>	39380lm	41400lm					
			426.3W / 140x140cm <i>(426W140140)</i>	61540lm	64700lm					
	<b>LOOP Recessed High Efficiency</b> <i>(LOOP RC-HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(OP)</i>			
				6.6W / 30x30cm <i>(07W3030)</i>	1130lm	1180lm	Low UGR <i>(LU)***</i>			
				13.4W / 45x45cm <i>(13W4545)</i>	2250lm	2370lm				
			25.9W / 59x59cm <i>(26W5959)</i>	4200lm	4410lm					
			58.3W / 86x86cm <i>(58W8686)</i>	9450lm	9930lm					
			103.7W / 113x113cm <i>(104W113113)</i>	16790lm	17650lm					
			162W / 140x140cm <i>(162W140140)</i>	26230lm	27580lm					

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR < 21.8), Low UGR (UGR < 18.6)

Ordering Code Example: LOOP RC HP-BL-30-154W/8686-80-LG-230-ND-0

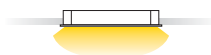


# ORBIT RC (Recessed)

Ceiling Recessed 



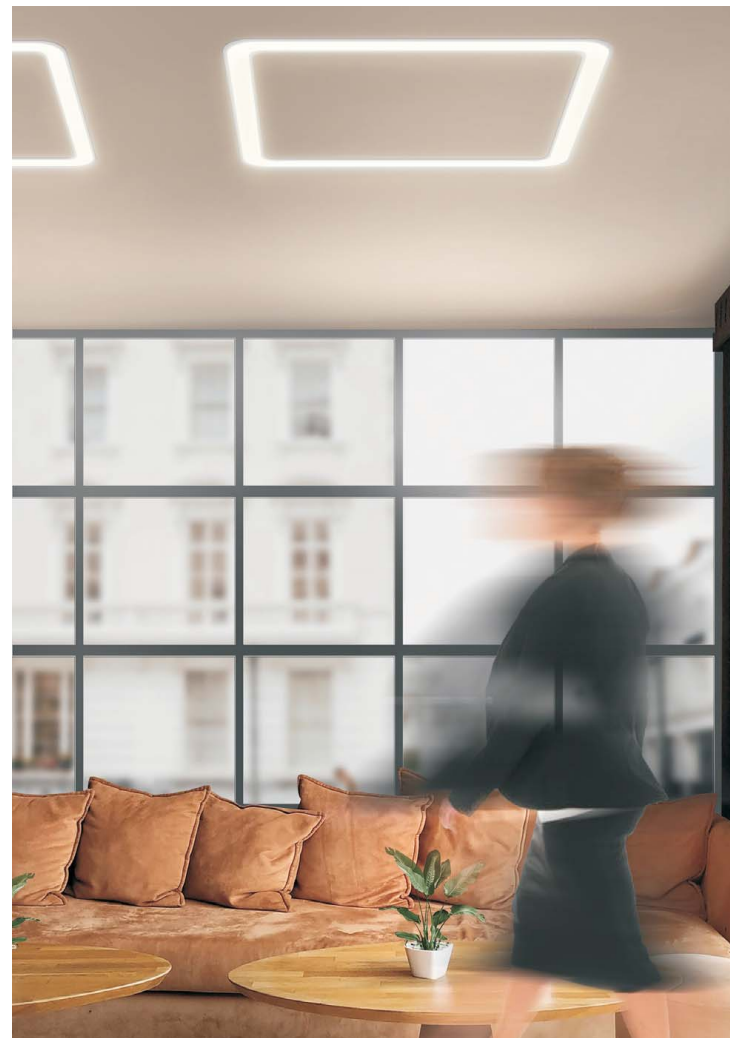
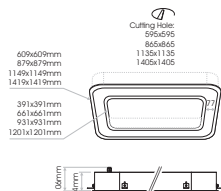
- ORBIT is a complete series of round luminaires available in surface, pendant, recessed and trackless application.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



**LED source efficacy up to 197lm/W (4000K)**  
**Luminaire efficacy up to 120lm/W (4000K)**

- ✓ Available upon request:
- ✓ Custom luminaire colours
- ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20





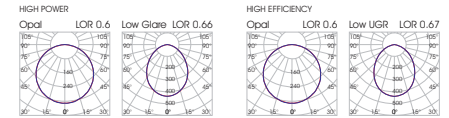
Model	Luminaire Colour*	CCT	Watt / Diameter	CR** LED Source	CR** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT Recessed High Power</b> <i>(ORBIT RC HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(S)</i>
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W5959)</i>	9210lm	9750lm	Low Glare <i>(LG)***</i>		Analogue <i>(1-T0V)</i> <i>(A1)</i>	Emergency <i>(E)</i>
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W8686)</i>	14050lm	14840lm			DALI <i>(DL)</i>	
			128.7W / 113x113cm <i>(129W113113)</i>	19320lm	20430lm			Wireless <i>(WL)</i>	
			163.9W / 140x140cm <i>(164W140140)</i>	24590lm	26000lm				
<b>ORBIT Recessed High Efficiency</b> <i>(ORBIT RC HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>			
			23.4W / 59x59cm <i>(23W5959)</i>	3920lm	4150lm	Low UGR <i>(LU)***</i>			
			32.8W / 86x86cm <i>(33W8686)</i>	5550lm	5880lm				
			45.1W / 113x113cm <i>(45W113113)</i>	7550lm	8090lm				
			57.4W / 140x140cm <i>(57W140140)</i>	9730lm	10290lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR<20.8), Low UGR (UGR<18)

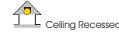
Ordering Code Example: ORBIT RC HP-WH-30-94W8686-80-LG-230-ND-0



Size	Dimensions	Power Options	Weight
Small	609x609mm	62W 23W	4.40kgs
Medium	879x879mm	94W 33W	6.66kgs
Large	1149x1149mm	129W 45W	9kgs
Extra Large	1419x1419mm	164W 57W	11.9kgs



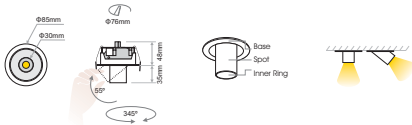
# REFORM 30 RC



# REFORM 30 RC



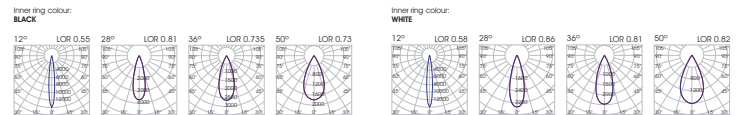
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb, DMX, DALI, Push Button, Phase Cut, Wireless \*\*.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 14, black inner ring).



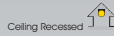
Model	LED Power	CCT*	CRI90, C90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
<b>REFORM 30 Recessed</b> <i>(REFORM 30 RC)</i>	<b>3W</b> (3)	2700K (27C)	310m	250m	12° (12)	Adjustable (AD)	Base: White (W), Black (B) Spot: White (W), Black (B) Inner Ring: White (W), Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (S) Honeycomb (H) Softening lens (Z)
		3000K (30C)	310m	265m					
		4000K (40C)	330m	290m					
				360m	310m				
	<b>5.8W</b> (6)	2700K (27C)	615m	500m					
		3000K (30C)	615m	530m					
		4000K (40C)	665m	575m					
				715m	615m				
	<b>3W</b> (3)	2700K (27C)	306m	320m	28° (28)				
		3000K (30C)	306m	342m					
		4000K (40C)	428m	369m					
				428m	396m	50° (50)			
<b>6.3W</b> (6)	2700K (27C)	669m	540m						
	3000K (30C)	669m	577m						
	4000K (40C)	722m	623m						
			722m	669m					

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 RC-3-40C-80-36-AD-1WB-00-00



# REFORM 30 IN-OUT RC



# REFORM 30 IN-OUT RC

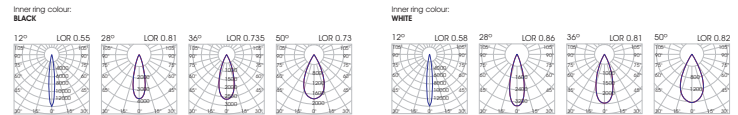
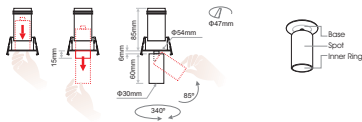


Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
<b>REFORM 30 IN-OUT Recessed</b> <small>(REFORM 30 IO RC)</small>	<b>3W</b> (3)	2700K (27C)	310mm	250mm	12° (12)	Adjustable (AC)	Base White (66) Black (8) Spot White (15) Black (8) Inner Ring White (16) Black (8)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WA)	Standard (S) Honeycomb (H) Softening lens (L)
		4000K (40C)	330mm	290mm					
		5000K (50C)	360mm	310mm					
	<b>5.8W</b> (6)	2700K (27C)	615mm	500mm	28° (28)				Extras No Extras (E) Emergency (EM)
3000K (30C)		615mm	530mm						
4000K (40C)		665mm	575mm						
		5000K (50C)	715mm	615mm					
	<b>3W</b> (3)	2700K (27C)	396mm	320mm	28° (28)				
3000K (30C)		396mm	342mm						
4000K (40C)		428mm	369mm						
		5000K (50C)	428mm	396mm	50° (50)				
	<b>6.3W</b> (6)	2700K (27C)	669mm	540mm	28° (28)				
3000K (30C)		669mm	577mm						
4000K (40C)		722mm	623mm						
		5000K (50C)	722mm	669mm					

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 IO RC-3-40C-80-36-AD-WMB-00-10

- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb, softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Recessed luminaire cutout.
- 3 SDCM
- L90 @ 10 5000h
- Low UGR ensuring visual comfort (UGR < 14 / black inner ring).



# REFORM 30 RC Spot



- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb, softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Emergency kit and battery replacement accessibility of emergency kit should be considered as the kit does not pass through the luminaire cutout.
- 3 SDCM
- L90@10 5000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).

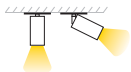
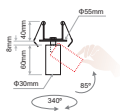


Model	LED Power	CCT*	C880, C890 LED Sources		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
<b>REFORM 30 Recessed Spot</b> <i>(REFORM 30 RCS)</i>	<b>3W</b> (3)	2700K (27C)	310m	250m	12° (12)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	(XXX) Standard (S) Honeycomb (H) Softening lens (Z) Extras No Extras (0) Emergency (E)
		3000K (30C)	310m	265m					
		4000K (40C)	330m	290m					
		5000K (50C)	350m	310m					
	<b>5.8W</b> (6)	2700K (27C)	615m	500m	28° (28)				
		3000K (30C)	615m	530m					
		4000K (40C)	655m	575m					
		5000K (50C)	715m	615m					
	<b>3W</b> (3)	2700K (27C)	396m	320m	36° (36)				
		3000K (30C)	396m	342m					
		4000K (40C)	428m	369m					
		5000K (50C)	428m	396m					
	<b>6.3W</b> (6)	2700K (27C)	669m	540m	50° (50)				
		3000K (30C)	669m	577m					
		4000K (40C)	722m	623m					
		5000K (50C)	722m	669m					

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

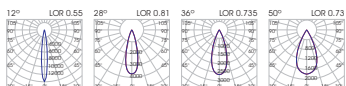
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 RCS3-3-40C-80-36-AD-WWB-00-00



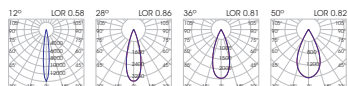
Inner ring colour:

**BLACK**

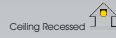


Inner ring colour:

**WHITE**



# REFORM 52 RC



# REFORM 52 RC

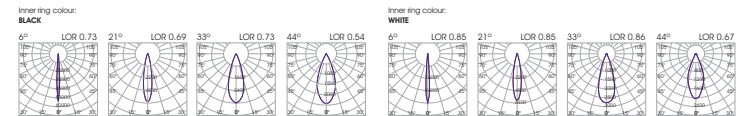
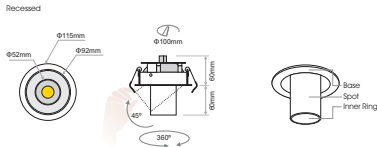


Model	LED Power	CCT*	CRI80, CRI90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
<b>REFORM 52 Recessed</b> (REFORM 52 RC)	<b>8.2W</b> (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	[XXX] Without Driver (D0) [X] Non Dimmable (ND) [X] Analogue (1-10V) (A1) [X] DMX (DX) [X] DALI (DA) [X] Push Button (PB) [X] Phase Cut (PC) [X] Wireless ** (M1)	[X] Standard Honeycomb (H) [X] Line spread lens (L) [X] Softening lens (S)
		3000K (30C)	779lm	673lm				
4000K (40C)		841lm	726lm					
5000K (50C)		903lm	779lm					
	<b>12W</b> (12)	2700K (27C)	1590lm	1380lm	21° (21) 33° (33) 44° (44)	[X] Base White (W) [X] Spot White (M) [X] Black (B) [X] Inner Ring White (W) [X] Black (B)	[X] EXTRAS No Extras (E) [X] Emergency (EM)	
3000K (30C)		1740lm	1485lm					
4000K (40C)		1830lm	1590lm					
5000K (50C)		1710lm	1590lm					

\* Models with CCTs of 3500K, 5000K & 4500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:  
 REFORM 52 RC-12-40C-80-33-AD-WWB-00-01

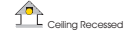
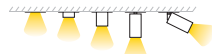
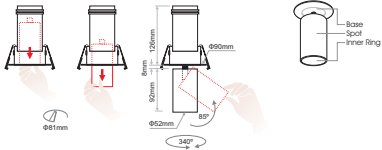
- Reform 52 is a complete series of downlights available recessed, tiimless or surface.
- It is available in round form.
- Power consumption: 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90@10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



# REFORM 52 IN-OUT RC



- Reform 52 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 12 watt and 8.2 watt.
- Beam angle varies from 4 to 44 degrees.
- Accessories available: honeycomb, DMX, DALI, Softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90@10 5000lh
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



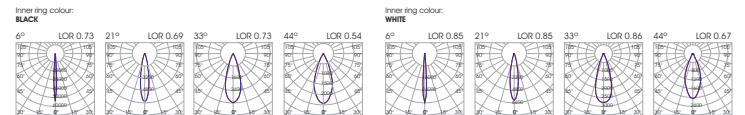
# REFORM 52 IN-OUT RC



Model	LED Power	CCT*	CR80, CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories																																	
<b>REFORM 52 IN-OUT Recessed</b> <i>(REFORM 52 IO RC)</i>	<b>8.2W (8)</b>	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	<table border="1"> <tr> <td>Base</td> <td>(XX)</td> </tr> <tr> <td>White</td> <td>(W)</td> </tr> <tr> <td>Black</td> <td>(B)</td> </tr> <tr> <td>Spot</td> <td>(S)</td> </tr> <tr> <td>White</td> <td>(W)</td> </tr> <tr> <td>Black</td> <td>(B)</td> </tr> <tr> <td>Inner Ring</td> <td>(R)</td> </tr> <tr> <td>White</td> <td>(W)</td> </tr> <tr> <td>Black</td> <td>(B)</td> </tr> </table>	Base	(XX)	White	(W)	Black	(B)	Spot	(S)	White	(W)	Black	(B)	Inner Ring	(R)	White	(W)	Black	(B)	Without Driver (00)	<table border="1"> <tr> <td>Standard</td> <td>(0)</td> </tr> <tr> <td>Honeycomb</td> <td>(1)</td> </tr> <tr> <td>Line spread lens</td> <td>(2)</td> </tr> <tr> <td>Softening lens</td> <td>(3)</td> </tr> <tr> <td>Push Button</td> <td>(P8)</td> </tr> <tr> <td>Phase Cut</td> <td>(PC)</td> </tr> <tr> <td>*Wireless **</td> <td>(WL)</td> </tr> </table>	Standard	(0)	Honeycomb	(1)	Line spread lens	(2)	Softening lens	(3)	Push Button	(P8)	Phase Cut	(PC)	*Wireless **	(WL)
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Line spread lens	(2)																																								
Softening lens	(3)																																								
5000K (50C)	1710lm	1590lm	44° (44)	DMX (DX)	<table border="1"> <tr> <td>Standard</td> <td>(0)</td> </tr> <tr> <td>Honeycomb</td> <td>(1)</td> </tr> <tr> <td>Line spread lens</td> <td>(2)</td> </tr> <tr> <td>Softening lens</td> <td>(3)</td> </tr> </table>	Standard	(0)	Honeycomb	(1)	Line spread lens	(2)	Softening lens	(3)																												
Standard	(0)																																								
Honeycomb	(1)																																								
Line spread lens	(2)																																								
Softening lens	(3)																																								

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:  
 REFORM 52 IO RC-12-40C-80-33-AD-WWB-00-01





# REFORM 52 RC Spot



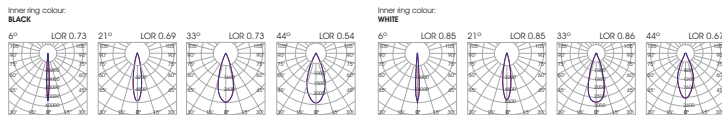
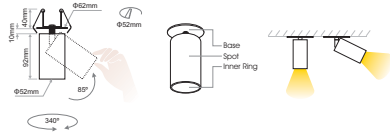
- Reform 52 is a complete series of downlights available recessed, timeless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories	
			80 (80)	90 (90)						
<b>REFORM 52 Recessed Spot</b> <i>(REFORM 52 RCSP)</i>	<b>8.2W (8)</b>	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00)	Standard Honeycomb (1)	
		3000K (30C)	779lm	673lm						Line spread lens (2)
		4000K (40C)	841lm	726lm						Softening lens (3)
	5000K (50C)	903lm	779lm							
	<b>12W (12)</b>	2700K (27C)	1590lm	1380lm	21° (21)					
		3000K (30C)	1710lm	1485lm						33° (33)
4000K (40C)		1830lm	1590lm	44° (44)						
	5000K (50C)	1710lm	1590lm							

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 52 RCSP-12-40C-80-33-AD-1WB-00-01*



# REFORM 75 RC Spot

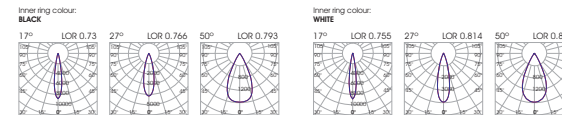
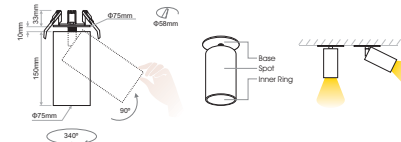
- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminium construction/PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).



Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories	
			80 (80)	90 (90)						
<b>REFORM 75 Recessed Spot</b> <i>(REFORM 75 RCSP)</i>	<b>18W (18)</b>	2700K (27C)	2067m	1794m	17° (17)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00)	Standard Honeycomb (1)	
		3000K (30C)	2223m	1931m						27° (27)
		4000K (40C)	2379m	2067m						50° (50)
	5000K (50C)	2223m	2067m							
	<b>23.5W (24)</b>	2700K (27C)	2919m	2409m	21° (21)					
		3000K (30C)	3102m	2512m						33° (33)
4000K (40C)		3192m	2663m	44° (44)						
	5000K (50C)	3230m	2791m							

\* Models with CCTs of 3500K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: *REFORM 75 RCSP-18-40C-80-50-AD-1WB-00-10*



# DANDO FRAME RC

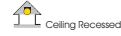
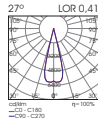
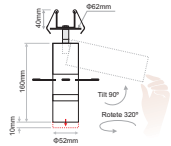


- Dando Frame RC is a recessed downlight, ideal to highlight and elevate any artwork.
- It is also available in surface version with the same dimming options.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR < 10).
- L90/B10 50.000h
- 3 SDCM



Model	LED Power	CCT	C880, C890 LED Source		Type	Beam Angle	Colour	Dimming Option
<b>DANDO FRAME RC</b> <i>(DANDO FRAME RC)</i>	12.8W (13)	2700K (27C)	80 (80)	90 (90)	Adjustable (AD)	27° max (27)	White (WH) Black (BL)	Non-Dimmable (ND)
		3000K (30C)	1100lm	930lm				Phase Cut (PC)
		4000K (40C)	1210lm	1090lm				DALI (DL)
		5000K (50C)	1225lm	1070lm				48V PWM Dimmable (48)

Ordering Code Example: DANDO FRAME RC-13-30C-80-AD-27-WH-ND



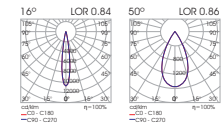
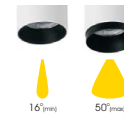
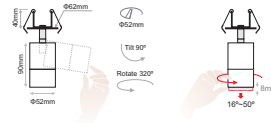
# DANDO ZOOM RC

- Dando Zoom RC is a recessed downlight, flexible due to its adjustable beam angle.
- It is also available in surface version with the same dimming options.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR < 19).
- L90/B10 50.000h
- 3 SDCM



Model	LED Power	CCT	C880 LED Source	C890 LED Source	Beam Angle	Type	Colour	Dimming Option
<b>DANDO ZOOM RC</b> <i>(DANDO ZOOM RC)</i>	12W (12)	2700K (27C) 3000K (30C) 4000K (40C)	80 (80)	90 (90)	Adjustable (165J) 16°(min)-50°(max)	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND)
			1194lm	992lm				Phase Cut (PC)
			1257lm	1055lm				DALI (DL)
			1307lm	1106lm				48V PWM Dimmable (48)

Ordering Code Example: DANDO ZOOM RC-12-30C-80-1650-AD-WH-ND



# ADORNO RC Spotlight Retrofit



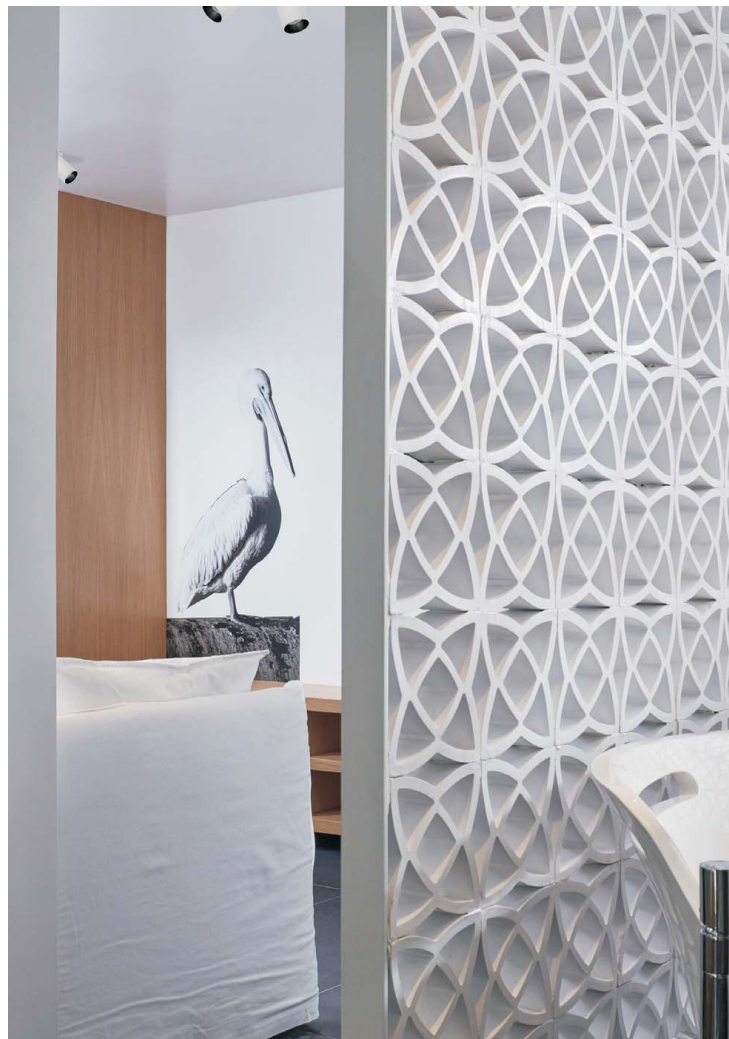
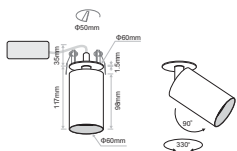
- Adorno series spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.



Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
<b>ADORNO Recessed Spotlight Retrofit</b> <i>(ADORNO RCSR)</i>	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable (AD)	GU10 (max 7.5W) (G1)	Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)



Ordering Code Example: ADORNO RCSR-WB-AD-G1-1





- SOUL is a series of recessed downlights.
- It is available either round or square.
- It is either fixed or adjustable depending on the model.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SOUL DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10: 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).
- Soul is also offered with an ingress protection rate IP65 (face only).
- Soul Mini: constant current 350mA @3W / 500mA @4.3W.

## SOUL



## SOUL MINI





SOUL



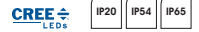
Name	Shape	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case**	Dimming Option	Accessories
SOUL (SOUL) SOUL DEEP (SOUL DEEP) SOUL ADJ (SOUL A) SOUL ADJ DEEP (SOUL A DEEP) SOUL IP65 (SOUL 65) SOUL IP65 DEEP (SOUL 65 DEEP)	Round (RD)	Low Depth 7W (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 960mm 1020mm 1020mm	568mm 762mm 840mm 840mm	30° (30) DEEP* 27° (27)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (W4)	COVER Standard (S10) Honeycomb (H10) Linear Spread (LS10) Softening Lens (SL10)
	Square (SQ)	Standard 6.2W (S16)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 713mm 760mm 736mm	568mm 608mm 656mm 704mm	19° (19) 35° (35) 50° (50) DEEP* 16° (16) 30° (30) 45° (45)	IP RATE IP20 (I20) IP54 (I54) IP65**** (I65)	EXTRAS No Extras (E00) Emergency Kit (E10)
	Standard 12.2W (S12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590mm 1710mm 1830mm 1710mm	1380mm 1485mm 1590mm 1590mm	19° (19) 35° (35) 50° (50) DEEP* 16° (16) 30° (30) 45° (45)	IP RATE IP20 (I20) IP54 (I54) IP65**** (I65)	EXTRAS No Extras (E00) Emergency Kit (E10)	
	Standard 18W (S18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067mm 2223mm 2379mm 2223mm	1794mm 1931mm 2067mm 2067mm	19° (19) 35° (35) 50° (50) DEEP* 16° (16) 30° (30) 45° (45)	IP RATE IP20 (I20) IP54 (I54) IP65**** (I65)	EXTRAS No Extras (E00) Emergency Kit (E10)	
	Narrow Beam 6W (NB6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616mm 616mm 665mm 714mm	497mm 532mm 574mm 616mm	9° (09)			
	Narrow Beam 8W (NB8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792mm 792mm 855mm 918mm	639mm 684mm 738mm 792mm				
	Zoom 6.4W (ZM6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 713mm 760mm 736mm	568mm 608mm 656mm 704mm	22°-50° (2250)			
	Zoom 13W (ZM13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306mm 1360mm 1435mm 1453mm	1098mm 1150mm 1236mm 1236mm				
	Warm Dimming 0.2-6W (WD6)	1800K-3000K (18308)	636mm 518mm		19° (19) 35° (35) 50° (50) DEEP* 16° (16) 30° (30) 45° (45)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (W4)		
	Warm Dimming 12W (WD12)	1800K-3000K (18308)	1246mm 1045mm		16° (16) 30° (30) 45° (45)	Phase Cut (PC) Wireless*** (W4)		
	Tunable White 5.9W (TW5)	2700K-5000K (27308)	585mm	(both CCTs driven)		DALI (DL) Wireless*** (W4)		
	Tunable White 11.5W (TW12)	2700K-5000K (27308)	987mm	(both CCTs driven)				

\*Beam angle only for DEEP version.  
\*\* Inner Case applicable only for DEEP versions.  
\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.  
\*\*\*\* Applicable only for SOUL IP65/SOUL IP65 DEEP

Ordering Code Example: SOUL DEEP-RD-S18-30C-80-30-WW-DL-100



SOUL MINI



Name	Shape	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case**	Dimming Option	Accessories
SOUL MINI (SOUL MINI) SOUL MINI DEEP (SOUL MINI DEEP) SOUL MINI ADJ (SOUL MINI A) SOUL MINI ADJ DEEP (SOUL MINI A DEEP) SOUL MINI IP65 (SOUL MINI 65) SOUL MINI IP65 DEEP (SOUL MINI 65 DEEP)	Round (RD)	Standard 3W (S3)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	396mm 320mm 369mm 428mm	27° (27) 35° (35) 47° (47) DEEP* 25° (25) 38° (38)	White (WH) Black (BK) White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (DD) Non Dimmable (ND)	COVER Standard (S10) Honeycomb (H10) Linear Spread (LS10) Softening Lens (SL10)
	Square (SQ)	Standard 4.3W (S14)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	528mm 456mm 570mm 528mm	25° (25) 30° (30) 38° (38)		IP RATE IP20 (I20) IP54 (I54) IP65**** (I65)	
		Narrow Beam 4W (NB4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440mm 475mm 510mm 440mm	13° (13)		EXTRAS No Extras (E00) Emergency Kit (E10)	

\*Beam angle only for DEEP version.  
\*\* Inner Case applicable only for DEEP versions.

\*\*\*\* Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutout. Emergency option can be applied to 2-5 luminaires depending on the driver.

Ordering Code Example: SOUL MINI DEEP-RD-S14-30C-80-38-WB-DL-100



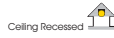
SOUL DEEP LL

Model	Outer Trim	Luminaire Colour:	Lamp Holder	Accessories
SOUL DEEP LL (SOUL DEEP LL)	Round (RD) Square (SQ)	White/White (WH) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	COVER Standard (S10) Honeycomb (H10) Linear Spread (LS10) Softening Lens (SL10)
SOUL ADJ DEEP LL (SOUL A DEEP LL)				IP RATE IP20 (I20) IP54 (I54) IP65* (I65)
SOUL IP65 DEEP LL (SOUL 65 DEEP LL)				

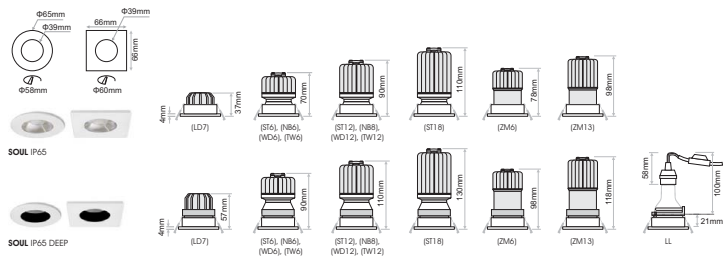
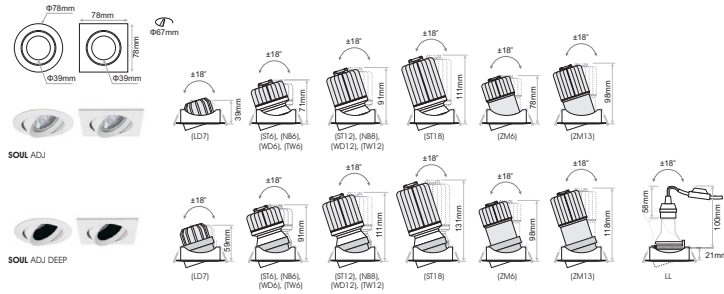
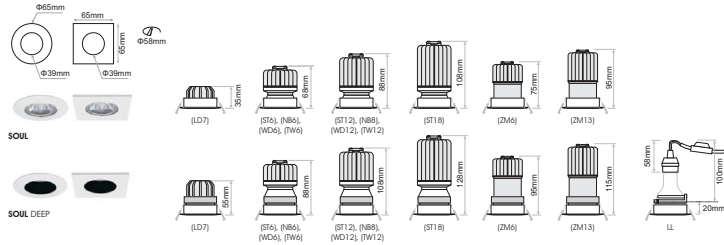
\* Applicable only for SOUL IP65 DEEP

Ordering Code Example: SOUL A DEEP LL-RD-WW-G1-10

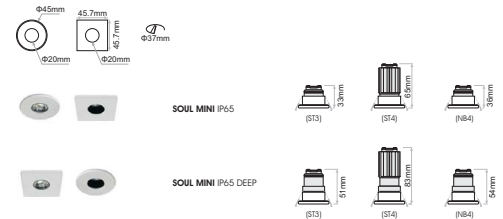
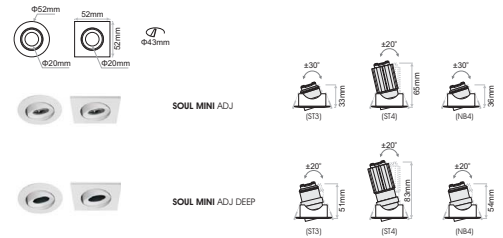
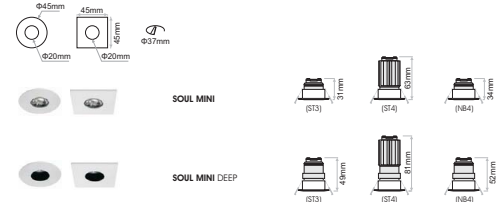




SOUL



SOUL MINI



## SOUL Series



### SOUL

#### LD7

SOUL / SOUL ADJ  
LOR 0.67 / 0.58



SOUL DEEP BL / SOUL ADJ DEEP WH  
LOR 0.46 / 0.49



#### ST6/ ST12/ ST18/ WD6/ WD12/ TW6/ TW12

SOUL / SOUL ADJ  
LOR 0.79 / 0.71



LOR 0.87 / 0.77



LOR 0.83 / 0.80



SOUL DEEP BL / SOUL ADJ DEEP WH  
LOR 0.62 / 0.51



LOR 0.53 / 0.57



LOR 0.68 / 0.63



#### NB6 / NB8

SOUL / SOUL ADJ  
LOR 0.87



SOUL DEEP BL / SOUL ADJ DEEP BL  
LOR 0.74



#### ZM6 / ZM13

SOUL / SOUL ADJ  
LOR 0.61



LOR 0.60



SOUL DEEP BL / SOUL ADJ DEEP BL  
LOR 0.53



LOR 0.52



### SOUL MINI

#### ST3 / ST4

SOUL MINI / SOUL MINI ADJ  
LOR 0.82 / 0.76



LOR 0.84 / 0.81



LOR 0.74 / 0.72



SOUL MINI DEEP BL / SOUL MINI ADJ DEEP WH  
LOR 0.60 / 0.62



LOR 0.60 / 0.60



LOR 0.50 / 0.57



Alla Resort & Spa, Rhodes, Greece

## HIDE RC Series



## HIDE RC Series

### HIDE

RC Round



RC Square



RC Square Double



DEEP RC Round



DEEP RC Square



DEEP RC Square Double



### HIDE MINI

RC Round



RC Square



DEEP RC Round



DEEP RC Square



- HIDE & HIDE MINI is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is available in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- HIDE DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaires outer trim material: aluminum.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90@10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



# HIDE RC Series

## HIDE

Name	Shape	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories			
<b>HIDE RC</b> <i>(HIDE RC)</i>	Round <i>(RD)</i>	<b>Low Depth 7W</b> <i>(LD7)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	930mm <i>(93)</i> 762mm <i>(76)</i> 960mm <i>(96)</i> 792mm <i>(79)</i>	30° <i>(30)</i>		Without Driver <i>(DD)</i> Non Dimmable <i>(ND)</i> Analogue (1-10V) <i>(A1)</i> DMX <i>(DM)</i> DALI <i>(DL)</i> Push Button <i>(PB)</i> Phase Cut <i>(PC)</i> Wireless*** <i>(WL)</i>				
	Square <i>(SQ)</i>	<b>Standard 6.2W</b> <i>(S6)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	704mm <i>(70)</i> 568mm <i>(57)</i> 713mm <i>(71)</i> 608mm <i>(61)</i> 760mm <i>(76)</i> 656mm <i>(66)</i> 736mm <i>(74)</i> 704mm <i>(70)</i>	19° <i>(19)</i> 35° <i>(35)</i> 50° <i>(50)</i> 50° <i>(50)</i>		<b>COVER</b> Standard <i>(ST)</i> Honeycomb <i>(HC)</i> Linear Spread <i>(LS)</i> Softening Lens <i>(SL)</i>		<b>DEEP**</b> 27° <i>(27)</i>		
	Square Double* <i>(SQD)</i>	<b>Standard 12.2W</b> <i>(S12)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	704mm <i>(70)</i> 568mm <i>(57)</i> 713mm <i>(71)</i> 608mm <i>(61)</i> 760mm <i>(76)</i> 656mm <i>(66)</i> 736mm <i>(74)</i> 704mm <i>(70)</i>	19° <i>(19)</i> 35° <i>(35)</i> 50° <i>(50)</i> 50° <i>(50)</i>		<b>INNER</b> White <i>(W)</i> Black <i>(B)</i>		<b>DEEP</b> Without <i>(N)</i> White <i>(W)</i> Black <i>(B)</i>	<b>IP RATE</b> IP20 <i>(I2)</i> IP54 <i>(I5)</i>	<b>EXTRAS</b> No Extras <i>(NE)</i> Emergency Kit <i>(EK)</i>
	<b>Standard 18W</b> <i>(S18)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	2067mm <i>(20)</i> 1704mm <i>(17)</i> 2233mm <i>(22)</i> 1931mm <i>(19)</i> 2379mm <i>(24)</i> 2067mm <i>(21)</i> 2233mm <i>(22)</i> 2067mm <i>(21)</i>	17° <i>(17)</i> 30° <i>(30)</i> 49° <i>(49)</i>							
	<b>Narrow Beam 6W</b> <i>(NB6)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	616mm <i>(62)</i> 497mm <i>(50)</i> 616mm <i>(62)</i> 532mm <i>(54)</i> 665mm <i>(67)</i> 574mm <i>(58)</i> 714mm <i>(72)</i> 616mm <i>(62)</i>	9° <i>(09)</i>							
	<b>Narrow Beam 8W</b> <i>(NB8)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	792mm <i>(79)</i> 639mm <i>(64)</i> 792mm <i>(79)</i> 684mm <i>(69)</i> 855mm <i>(86)</i> 738mm <i>(74)</i> 918mm <i>(92)</i> 792mm <i>(79)</i>								
	<b>Zoom 6.4W</b> <i>(ZM6)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	704mm <i>(70)</i> 568mm <i>(57)</i> 713mm <i>(71)</i> 608mm <i>(61)</i> 760mm <i>(76)</i> 656mm <i>(66)</i> 736mm <i>(74)</i> 704mm <i>(70)</i>	22°-50° <i>(2250)</i>							
	<b>Zoom 13W</b> <i>(ZM13)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	1306mm <i>(13)</i> 1098mm <i>(11)</i> 1360mm <i>(14)</i> 1150mm <i>(11)</i> 1435mm <i>(15)</i> 1236mm <i>(12)</i> 1453mm <i>(15)</i> 1236mm <i>(12)</i>								
	<b>Warm Dimming 0.2-6W</b> <i>(WD6)</i>	1800K-3000K <i>(1830)</i>	636mm <i>(64)</i> 518mm <i>(52)</i>	19° <i>(19)</i> 35° <i>(35)</i> 50° <i>(50)</i>	<b>Analogue (1-10V) <i>(A1)</i></b> DALI <i>(DL)</i> Phase Cut <i>(PC)</i> Wireless*** <i>(WL)</i>		<b>DEEP**</b> 17° <i>(17)</i> 30° <i>(30)</i> 49° <i>(49)</i>				
	<b>Warm Dimming 12W</b> <i>(WD12)</i>	1800K-3000K <i>(1830)</i>	1246mm <i>(12)</i> 1045mm <i>(10)</i>	17° <i>(17)</i> 30° <i>(30)</i> 49° <i>(49)</i>							
	<b>Tunable White 5.9W</b> <i>(TW5)</i>	2700K-5000K <i>(2750)</i>	585mm <i>(59)</i> (both CCTs driven)		DALI <i>(DL)</i> Wireless*** <i>(WL)</i>						
	<b>Tunable White 11.5W</b> <i>(TW12)</i>	2700K-5000K <i>(2750)</i>	987mm <i>(99)</i> (both CCTs driven)								

\* HIDE Square Double option example: HIDE RC SGD-ST6-30C-35-WWW-00-000 will be with 2pcs from ST6 modules.

\*\* Beam angle only for DEEP version.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HIDE RC-RD-ST18-30C-80-35-WWW-DL-100



## HIDE MINI

Name	Shape	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour:	Dimming Option	Accessories		
<b>HIDE MINI RC</b> <i>(HIDE MINI RC)</i>	Round <i>(RD)</i>	<b>Standard 3W</b> <i>(ST3)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	396mm <i>(40)</i> 320mm <i>(32)</i> 396mm <i>(40)</i> 342mm <i>(34)</i> 428mm <i>(43)</i> 369mm <i>(37)</i> 428mm <i>(43)</i> 396mm <i>(40)</i>	27° <i>(27)</i> 35° <i>(35)</i> 47° <i>(47)</i>		Without Driver <i>(DD)</i> Non Dimmable <i>(ND)</i> Analogue (1-10V) <i>(A1)</i> DMX <i>(DM)</i> DALI <i>(DL)</i> Push Button <i>(PB)</i> Phase Cut <i>(PC)</i> Wireless*** <i>(WL)</i>			
	Square <i>(SQ)</i>	<b>Standard 4.3W</b> <i>(S4)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	528mm <i>(53)</i> 426mm <i>(43)</i> 528mm <i>(53)</i> 456mm <i>(46)</i> 570mm <i>(58)</i> 492mm <i>(50)</i> 528mm <i>(53)</i> 468mm <i>(47)</i>	25° <i>(25)</i> 30° <i>(30)</i> 38° <i>(38)</i>		<b>COVER</b> Standard <i>(ST)</i> Honeycomb <i>(HC)</i> Linear Spread <i>(LS)</i> Softening Lens <i>(SL)</i>		<b>DEEP**</b> 25° <i>(25)</i> 30° <i>(30)</i> 38° <i>(38)</i>	
	<b>Narrow Beam 4W</b> <i>(NB4)</i>	2700K <i>(27C)</i> 3000K <i>(30C)</i> 4000K <i>(40C)</i> 5000K <i>(50C)</i>	440mm <i>(44)</i> 380mm <i>(38)</i> 475mm <i>(48)</i> 410mm <i>(41)</i> 510mm <i>(52)</i> 440mm <i>(44)</i> 510mm <i>(52)</i> 440mm <i>(44)</i>	13° <i>(13)</i>	<b>INNER</b> White <i>(W)</i> Black <i>(B)</i>		<b>DEEP</b> Without <i>(N)</i> White <i>(W)</i> Black <i>(B)</i>		<b>IP RATE</b> IP20 <i>(I2)</i> IP54 <i>(I5)</i>	<b>EXTRAS</b> No Extras <i>(NE)</i> Emergency Kit <i>(EK)</i>

\* Beam angle only for DEEP version

\*\* Inner Case applicable only for DEEP versions.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

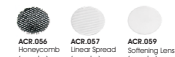
Ordering Code Example:

HIDE MINI RC DEEP-RD-ST4-30C-80-38-WWW-DL-100



## HIDE DEEP LL

Model	Shape	Luminaire Colour	Lamp Holder	Accessories
<b>HIDE RC DEEP LL</b> <i>(HIDE RC DEEP LL)</i>	Round <i>(RD)</i> Square <i>(SQ)</i> Square Double <i>(SQD)</i>		GU10 [max. 7.5W] <i>(G1)</i>	



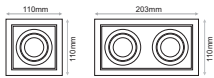
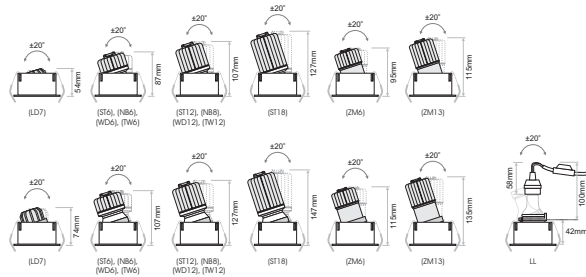
Ordering Code Example:  
HIDE RC DEEP LL-RD-WWW-G1-10



HIDE



HIDE DEEP RC Round

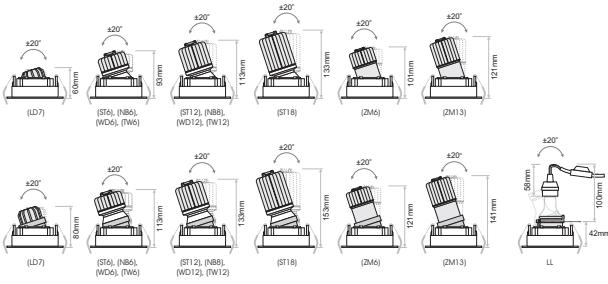


□ 95x95mm

□ 186x95mm



HIDE DEEP RC Square Double

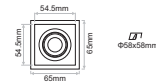
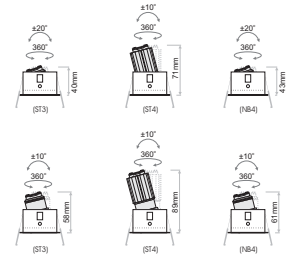


HIDE MINI



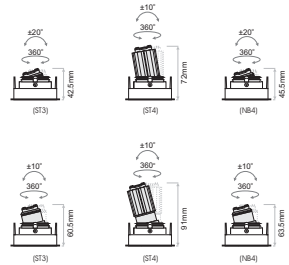
HIDE MINI RC Round

HIDE MINI DEEP RC Round

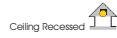


HIDE MINI RC Square

HIDE MINI DEEP RC Square

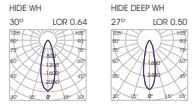


## HIDE RC Series

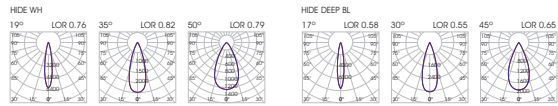


### HIDE

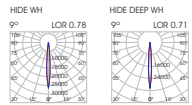
#### LD7



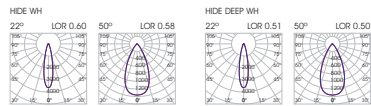
#### ST6/ ST12/ ST18/ WD6/ WD12 /TW6 /TW12



#### NB6/ NB8

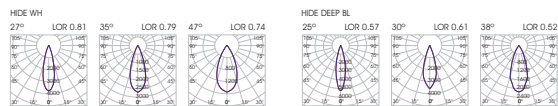


#### ZM6/ ZM13



### HIDE MINI

#### ST3 / ST4



AWC Resort & Spa, Rhodes, Greece



- SANTI and SANTI MINI is a series of elegant recessed downlights with extra small trim.
- It is available either round or square.
- SANTI is also available in wash version.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- SANTI DEEP version is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Available in black or white as standard but custom colours also available upon request.
- Luminaires outer trim material: aluminium.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

## SANTI



## SANTI MINI





SANTI



Name	Shape*	Model	CCT	CR180, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (R0) 90 (R0)				
<b>SANTI</b> (SANT1)	Round (RD)	<b>Low Depth 7W</b> (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930lm 960lm 1020lm 1020lm	762mm 792mm 840mm 840mm	30° (30)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
<b>SANTI ADJ</b> (SANT1 A)	Square (SQ)							COVER Standard (D0) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
<b>SANTI WASH</b> (SANT1 W)		<b>Standard 6.2W</b> (S6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 713lm 760lm 736lm	568mm 608mm 656mm 704mm	19° (19) 35° (35) 50° (50)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Standard 12.2W</b> (S12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590lm 1710lm 1830lm 1710lm	1380mm 1485mm 1590mm 1590mm	17° (17) 23° (23) 32° (32)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Standard 18W</b> (S18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067lm 2223lm 2379lm 2223lm	1794mm 1931mm 2067mm 2067mm	17° (17) 23° (23) 32° (32)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Narrow Beam 6W</b> (NB6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616lm 616lm 665lm 714lm	497mm 532mm 574mm 616mm	9° (9)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Narrow Beam 8W</b> (NB8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792lm 792lm 855lm 918lm	639mm 684mm 738mm 792mm		White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Zoom 6.4W</b> (ZM6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704lm 713lm 760lm 736lm	568mm 608mm 656mm 704mm	22°-50° (2250)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Zoom 13W</b> (ZM13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306lm 1360lm 1435lm 1453lm	1098mm 1150mm 1236mm 1236mm		White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Warm Dimming 0.2-6W</b> (WD6)	1800K-3000K (1830B)	636lm 636lm	518mm	19° (19) 35° (35) 50° (50)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Warm Dimming 12W</b> (WD12)	1800K-3000K (1830B)	1246lm 1246lm	1045mm	17° (17) 23° (23) 32° (32)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Tunable White 6.9W</b> (TW6)	2700K-5000K (2750B)	585lm	(both CCTs driven)		White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Tunable White 11.5W</b> (TW12)	2700K-5000K (2750B)	987lm	(both CCTs driven)		White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)

\* SANTI only available in round shape.  
\*\* Beam angle only for WASH version.  
\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: SANTI W-RD-ST18-30C-80-32-WH-DL-100



SANTI MINI



Name	Shape	Model	CCT	CR180, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (R0) 90 (R0)				
<b>SANTI MINI</b> (SANT1 MINI)	Round (RD)	<b>Standard 3W</b> (S3)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	396lm 396lm 428lm 428lm	320mm 342mm 359mm 396mm	27° (27) 35° (35) 47° (47)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
<b>SANTI MINI ADJ</b> (SANT1 MINI A)	Square (SQ)							COVER Standard (D0) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Standard 4.3W</b> (S4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	528lm 528lm 570lm 570lm	426mm 456mm 492mm 528mm		White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)
		<b>Narrow Beam 4W</b> (NB4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440lm 475lm 510lm 510lm	380mm 410mm 410mm 440mm	13° (13)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Softening Lens (S3)

\* The wireless dimming option includes driver and Bluetooth dimming accessory.  
\*\* Emergency option and battery replacement accessibility of the emergency kit should be considered as the kit does not pass through the luminaire cutout. Emergency option can be applied to 2-5 luminaires depending on the driver.

Ordering Code Example: SANTI MINI-RD-ST4-30C-80-35-WH-DL-100

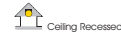


SANTI DEEP LL

Model	Outer Trim	Luminaire Colour	Lamp Holder	Accessories
<b>SANTI DEEP LL</b> (SANT1 DEEP LL)	Round Square	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	COVER Standard (D0) Honeycomb (H1) Linear Spread (L2) Softening Lens (S3)
<b>SANTI ADJ DEEP LL</b> (SANT1 A DEEP LL)				COVER Standard (D0) Honeycomb (H1) Linear Spread (L2) Softening Lens (S3)
<b>SANTI WASH DEEP LL</b> (SANT1 W DEEP LL)				COVER Standard (D0) Honeycomb (H1) Linear Spread (L2) Softening Lens (S3)

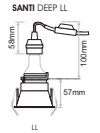
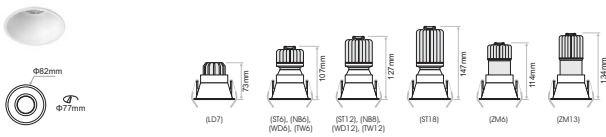
Ordering Code Example:  
SANTI A DEEP LL-RD-WW-G1-10



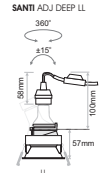
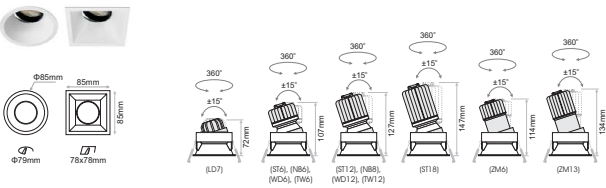


SANTI

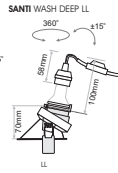
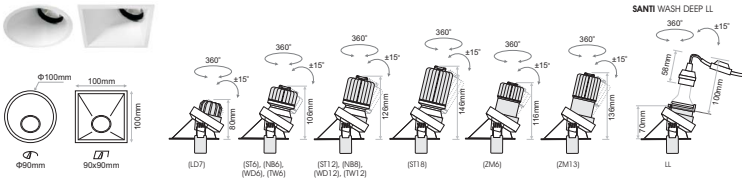
SANTI



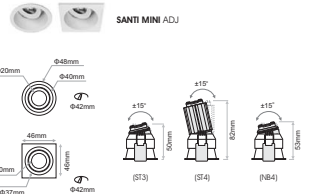
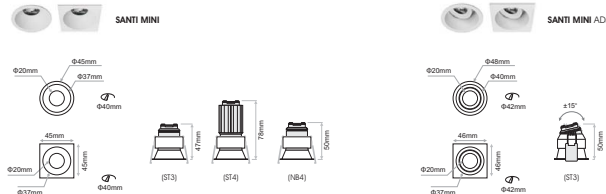
SANTI ADJ



SANTI WASH

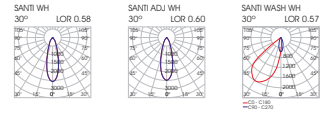


SANTI MINI

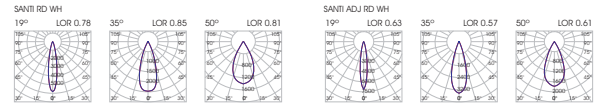


SANTI

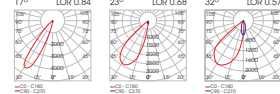
LD7



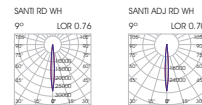
ST6/ ST12/ ST18/ WD6/ WD12/ TW6/ TW12



SANTI WASH RD WH



NB6/ NB8

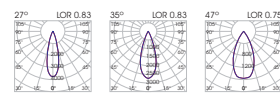


ZM6/ ZM13



SANTI MINI

ST3 / ST4



NB4





Golden Yachts - Yacht OPARI

# WHISPER RC Series



- Whisper is a high aesthetically downlight available recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for LED lamps.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 5000h
- Low UGR ensuring visual comfort (UGR< 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).

RC



ADJ



# WHISPER RC Series

LED SOURCE BY  
**CREE** LEDs  
 LED: S7, S7L, S712, S718, N80, N80L, N80L2, N90, S713  
**BRIDGELUX**  
 HQ: 1012, TW: TW2

IP20 IP54

Name	Shape*	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour: Trim/Inner Case	Dimming Option	Accessories
<b>WHISPER RC</b> (WHISPER RC)	Round (R)	<b>Low Depth</b>	2700K (27C)	930lm	762lm	30° (30)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) EX DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)
			3000K (30C)	930lm	792lm			
			4000K (40C)	1020lm	840lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	704lm	568lm	18° (18) 37° (37) 52° (52)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	713lm	608lm			
			4000K (40C)	760lm	650lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	1590lm	1380lm	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	1710lm	1485lm			
			4000K (40C)	1830lm	1590lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	2067lm	1794lm	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	2223lm	1931lm			
			4000K (40C)	2379lm	2067lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	2223lm	2067lm	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	2223lm	2067lm			
			4000K (40C)	2223lm	2067lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	704lm	568lm	9° (9)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	616lm	497lm			
			4000K (40C)	655lm	514lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	792lm	639lm	9° (9)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	792lm	684lm			
			4000K (40C)	855lm	738lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	1304lm	1098lm	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	1360lm	1150lm			
			4000K (40C)	1435lm	1236lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	1453lm	1236lm	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	1453lm	1236lm			
			4000K (40C)	1453lm	1236lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	1304lm	1098lm	18° (18) 37° (37) 52° (52)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	1360lm	1150lm			
			4000K (40C)	1435lm	1236lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	1453lm	1236lm	18° (18) 37° (37) 52° (52)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	1453lm	1236lm			
			4000K (40C)	1453lm	1236lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	1246lm	1045lm	18° (18) 37° (37) 52° (52)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	1246lm	1045lm			
			4000K (40C)	1246lm	1045lm			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	585lm	(both CCTs driven)	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	585lm	(both CCTs driven)			
			4000K (40C)	585lm	(both CCTs driven)			
<b>WHISPER ADJ</b> (WHISPER A)	Square (S)	<b>Standard</b>	2700K (27C)	987lm	(both CCTs driven)	22°-50° (2250)	Analogue (1-10V) (A1) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S1) Honeycomb (H1) Linear Spread (L1) Softening Lens (SL)
			3000K (30C)	987lm	(both CCTs driven)			
			4000K (40C)	987lm	(both CCTs driven)			



\* WHISPER ADJ only available in round shape  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: WHISPER RC-RD-S718-30C-80-37-WW-DL-100





WHISPER DEEP LL

IP20 IP54

Model	Shape*	Luminaire Colour:	Lamp Holder	Accessories
WHISPER RC DEEP LL <i>(WHISPER RC DEEP LL)</i>	Round (RD)	White/White (W1)	GU10 (max 7.5W) (G1)	COVER Standard (D7) Honeycomb (D1) Linear Spread (D2) Softening Lens (D3)
	Square (SQ)	White/Black (W2) Black/Black (B2) Black/White (B1)		
WHISPER ADJ DEEP LL <i>(WHISPER A DEEP LL)</i>				IP RATE IP20 (I3) IP54 (I4)

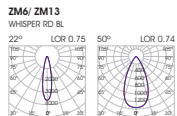
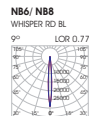
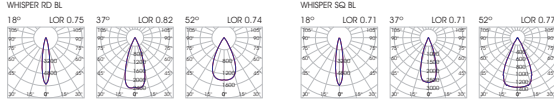


\* WHISPER ADJ DEEP Retrofit only available in round shape

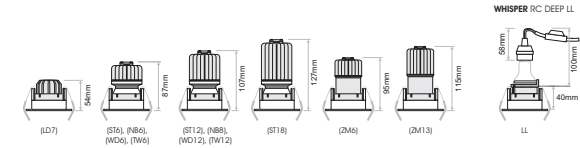
Ordering Code Example:  
WHISPER RC DEEP LL-RD-WW-G1-10



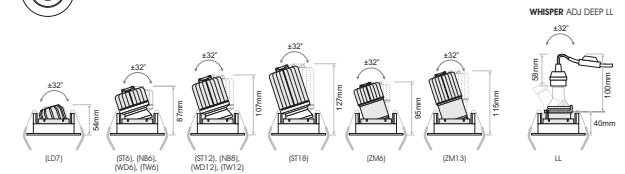
ST6/ ST12/ ST18/ WD6 /WD12 /TW6 /TW12



WHISPER RC



WHISPER ADJ



# CRUSH RC Series



# CRUSH RC Series

CREE LED  
LD7, ST12, ST18, NB, NB-L, NB-LV, NB-LV2

LED SOURCE BY  
bridgelux  
WDC, MCF12, WDC, WDC2

IP20 IP54

## CRUSH

Name	Model Watt per LED	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (R0) 90 (R0)				
<b>CRUSH RC</b> (CRUSH RC DB) (LD7)	<b>Low Depth 7W</b>	2700K (27C)	930mm 762mm	30° (30)	White (WH) Black (BK)	Without Driver (OD) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) DMX (DM) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (S0) Honeycomb (H0) Linear Spread (L0) Softening Lens (SO)
		3000K (30C)	950mm 792mm				
		4000K (40C) 5000K (50C)	1020mm 840mm 1020mm 840mm				
<b>CRUSH RC Double*</b> (CRUSH RC DB) <b>CRUSH RC Round</b> (CRUSH RC RD)	<b>Standard 6.2W</b> (S10)	2700K (27C)	704mm 568mm	19° (19) 35° (35) 50° (50)			
		3000K (30C)	713mm 608mm				
		4000K (40C) 5000K (50C)	760mm 656mm 736mm 704mm				
	<b>Standard 12.2W</b> (S12)	2700K (27C)	1590mm 1380mm				
		3000K (30C)	1710mm 1485mm				
		4000K (40C) 5000K (50C)	1830mm 1590mm 1710mm 1590mm				
	<b>Standard 18W</b> (S18)	2700K (27C)	2067mm 1794mm				
		3000K (30C)	2223mm 1931mm				
		4000K (40C) 5000K (50C)	2379mm 2067mm 2223mm 2067mm				
<b>Narrow Beam 6W</b> (N6A)	2700K (27C)	616mm 497mm		9° (09)			
	3000K (30C)	616mm 532mm					
	4000K (40C) 5000K (50C)	665mm 574mm 714mm 616mm					
<b>Narrow Beam 8W</b> (N8B)	2700K (27C)	792mm 639mm					
	3000K (30C)	792mm 684mm					
	4000K (40C) 5000K (50C)	855mm 738mm 918mm 792mm					
<b>Zoom 6.4W</b> (ZM6)	2700K (27C)	704mm 568mm		22°-50° (2250)			
	3000K (30C)	713mm 608mm					
	4000K (40C) 5000K (50C)	760mm 656mm 736mm 704mm					
<b>Zoom 13W</b> (ZM13)	2700K (27C)	1306mm 1098mm					
	3000K (30C)	1360mm 1150mm					
	4000K (40C) 5000K (50C)	1435mm 1236mm 1453mm 1236mm					
<b>Warm Dimming 0.2-6W</b> (WD0)	1800K-3000K (1830B)	636mm 518mm		19° (19) 35° (35) 50° (50)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	
	1800K-3000K (1830B)	1246mm 1045mm					
<b>Warm Dimming 12W</b> (WD12)	1800K-3000K (1830B)	1246mm 1045mm					
<b>Tunable White 5.9W</b> (TW5)	2700K-5000K (2750B)	585mm (both CCTs driven)				DALI (DL) Wireless** (WL)	
<b>Tunable White 11.5W</b> (TW12)	2700K-5000K (2750B)	987mm (both CCTs driven)					

- Crush is a downlight available either recessed or trimless.
- It is available in square or round form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM.
- L90@10 5000kh.
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



\*CRUSH RC Double option example: CRUSH RC DB-ST12-30C-35-WH-00-000 will be with 2pcs from ST12 modules.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

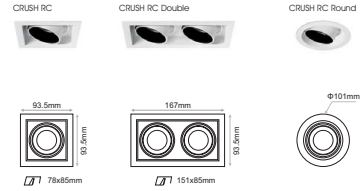
Ordering Code Example: CRUSH RC-ST18-30C-80-50-WH-DL-100



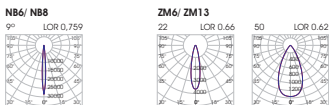
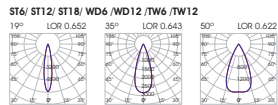
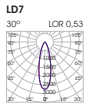
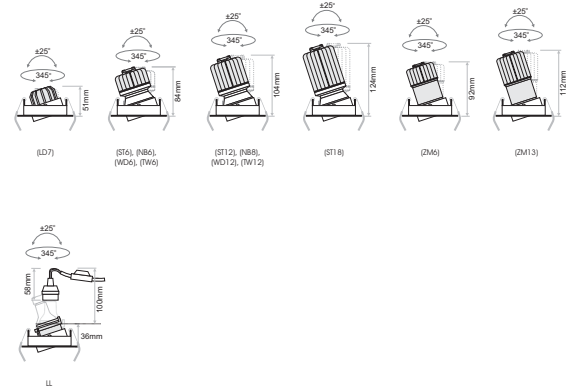
CRUSH LL



Model	Luminaire Colour:	Lamp Holder	Accessories
<b>CRUSH RC LL</b> (CRUSH RC LL)	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	(XX) COVER Standard (01) Honeycomb (11) Linear Spread (21) Softening Lens (31)
<b>CRUSH RC Double LL</b> (CRUSH RC DB LL)			<b>IP RATE</b> IP20 (10) IP54 (11)
<b>CRUSH RC Round LL</b> (CRUSH RC RD LL)			

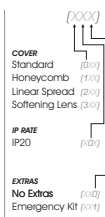


Griding Code Example:  
CRUSH RC LL-WW-G1-10





- POT is a recessed adjustable downlight.
- Luminaire outer firm material: aluminium.
- Outer firm available in black or white as standard but custom colours also available upon request.
- POT DEEP version is also available for LED lamps.
- 3 3D-CM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- IP20

Name	Model	CCT	C810, C890 LED Source		Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)				
<b>POT</b> <small>(POT)</small>	<b>Low Depth 7W</b> <small>(LD7)</small>	2700K (27C)	930lm	762lm	31°x35° (35)	White (WH) Black (BL)	Without Driver (00)	
		3000K (30C)	960lm	792lm			Non Dimmable (N0)	
		4000K (40C)	1020lm	840lm			Analogue (1-10V) (A1)	
		5000K (50C)	1020lm	840lm			DMX (DM)	
							DALI (DL)	
							Push Button (PB)	
	<b>Standard 6.2W</b> <small>(S16)</small>	2700K (27C)	704lm	568lm	20°x28° (28) 32°x42° (42) 42°x50° (50)		Phase Cut (PC)	Softening Lens (S0)
		3000K (30C)	713lm	608lm			Wireless* (WL)	
		4000K (40C)	760lm	656lm				
		5000K (50C)	736lm	704lm				
	<b>Standard 12.2W</b> <small>(S112)</small>	2700K (27C)	1590lm	1380lm				
		3000K (30C)	1710lm	1485lm				
		4000K (40C)	1830lm	1590lm				
		5000K (50C)	1710lm	1590lm				
	<b>Standard 18W</b> <small>(S118)</small>	2700K (27C)	2067lm	1794lm				
		3000K (30C)	2223lm	1931lm				
		4000K (40C)	2379lm	2067lm				
		5000K (50C)	2223lm	2067lm				
<b>Narrow Beam 6W</b> <small>(N86)</small>	2700K (27C)	616lm	497lm	8°x12° (12)				
	3000K (30C)	616lm	532lm					
	4000K (40C)	665lm	574lm					
	5000K (50C)	714lm	616lm					
<b>Narrow Beam 8W</b> <small>(N88)</small>	2700K (27C)	792lm	639lm					
	3000K (30C)	792lm	684lm					
	4000K (40C)	855lm	738lm					
	5000K (50C)	918lm	792lm					
<b>Zoom 6.4W</b> <small>(Z16)</small>	2700K (27C)	704lm	568lm	17°x23°-38°x45° (23-48)				
	3000K (30C)	713lm	608lm					
	4000K (40C)	760lm	656lm					
	5000K (50C)	736lm	704lm					
<b>Zoom 13W</b> <small>(Z113)</small>	2700K (27C)	1306lm	1098lm					
	3000K (30C)	1360lm	1150lm					
	4000K (40C)	1435lm	1236lm					
	5000K (50C)	1453lm	1236lm					
<b>Warm Dimming 0.2-4W</b> <small>(WD6)</small>					20°x28° (28) 32°x42° (42) 42°x50° (50)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless* (WL)		
	1800K-3000K (1630B)	636lm	518lm					
<b>Warm Dimming 12W</b> <small>(WD12)</small>								
<b>Tunable White 5.9W</b> <small>(TW6)</small>	2700K-5000K (2750B)		585lm				DALI (DL) Wireless* (WL)	
<b>Tunable White 11.5W</b> <small>(TW12)</small>	2700K-5000K (2750B)		987lm					

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: POT-S18-30C-80-42-WH-DL-100



POT DEEP LL

IP20

Model	Luminaire Colour:	Lamp Holder	Accessories
<b>POT DEEP LL</b> <i>(POT DEEP LL)</i>	White/White (WW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	<p>COVER</p> <ul style="list-style-type: none"> <li>Standard (01)</li> <li>Honeycomb (11)</li> <li>Linear Spread (21)</li> <li>Softening Lens (31)</li> </ul> <p>IP RATE</p> <ul style="list-style-type: none"> <li>IP20 (10)</li> </ul>

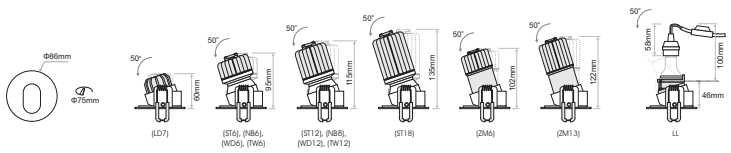
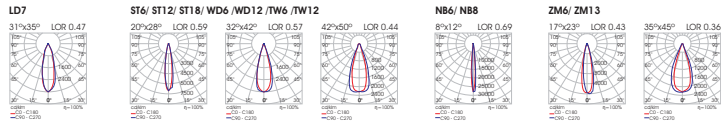


Ordering Code Example: POT DEEP LL-WW-G1-10



**ACR.056** Honeycomb (as extra)  
**ACR.057** Linear Spread (as extra)  
**ACR.059** Softening Lens (as extra)

POT WH



# POLAR RC



- Polar is a miniaturized downlight available either recessed or trimless.
- It is ideal in spaces with low depth ceiling due to its special design.
- It is available in round (8.2W, 12W, 18W) or square (8.2W).
- Body material: aluminium.
- Selection of IP protection: either IP40 or IP44.
- 3 SDCM
- L90/B10 50000h
- It has a low UGR ensuring visual comfort (UGR<14).



8.2W



12W



18W



POLAR RC



Model	LED Power	Type	IP Protection	CCT	CR80, CR90 LED Source	Beam Angle	Type	Colour*: Outer / Inner trim	Dimming Option	Extras		
					80 (80) 90 (90)							
<b>POLAR Recessed</b> <i>(POLAR RC)</i>	<b>8.2W</b> (8)	Round (80)	IP40 (40)	2700K (27C)	792lm	639lm	12° (N8)	Fixed (FX)	White/White (WW)	Without Driver (00)		
				3000K (30C)	792lm	644lm	14° (N8)			Non Dimmable (ND)		
		Square (50)	IP44 (44)	3500K (35C)	855lm	684lm	20° (N6)		White/Black (WB)	Phase Cut (PC)		
				4000K (40C)	855lm	738lm	30° (N6)			24V PWM Dimmable (24V)		
					5000K (50C)	918lm	792lm	44° (WV)		Black/Black (BB)	48V PWM Dimmable (48V)	
									Black/White (BW)			
		<b>12W</b> (12)	Round (80)		2700K (27C)	1590lm	1380lm	18° (N6)			Without Driver (00)	Standard (00)
	3000K (30C)				1710lm	1485lm	30° (N6)				Non Dimmable (ND)	
	4000K (40C)				1830lm	1590lm	50° (WV)				Analogue (1-10V) (A1)	Honeycomb (H1)
					5000K (50C)	1710lm	1590lm				DMX (D3)	
											DALI (D4)	
											Push Button (PB)	
	<b>18W</b> (18)			2700K (27C)	2065lm	1795lm				Phase Cut (PC)		
3000K (30C)				2225lm	1930lm					Wireless** (W1)		
4000K (40C)				2380lm	2065lm					48V PWM Dimmable (48V)		
				5000K (50C)	2225lm	2065lm						

\* Outer trim custom colours available upon request.

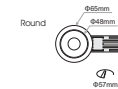
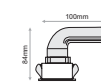
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: POLAR RC-8-RD-44-30C-80-NR-FX-WB-DL

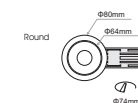
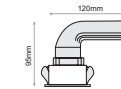
8.2W



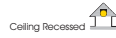
12W



18W

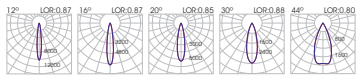


POLAR RC

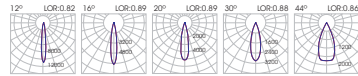


8.2W

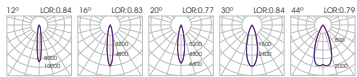
Round White



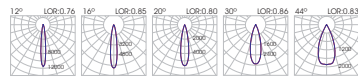
Square White



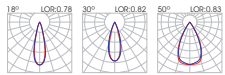
Round Black



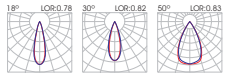
Square Black



12W



18W



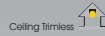
Residence (Platres / Cyprus)  
Lighting Design: Alkestis Skarlatou - light in space  
Architect: Elena Konstantinidou Architects  
Photo: Maria Etm, pntou

AWARD

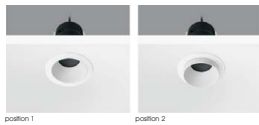


LIGHTING DESIGN AWARDS  
Winners in Residential Lighting Design

# LIMIT RC IP67/IP66



- LIMIT 67/66 is an elegant waterproof timeless or recessed downlight available in 3 different sizes.
- Most models may also be 9112mm lowered from the ceiling offering a special note to any space.
- The series offers low UGR ensuring visual comfort.
- Available in either black or white colour.
- It offers a selection of dimming options.
- 3 SDCM
- L90/B10 50,000h
- IP Protection: IP67/IP66



# LIMIT RC IP67/IP66

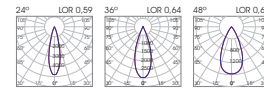


Model	LED Power	CCT*	CB80, CB85 LED Source	Beam Angle	Type	Luminaire Colour Trimless Case	Dimming Option	Accessories	
			80 (80) 90 (90)						
LIMIT RC (LIMIT RC)	6.4W (06)	2700K (2/78)	793mm 655mm	24° (24)	Fixed (FX)	White/White (44/4)	Without Driver (C0)	No Extras (C1)	
		3000K (3/08)	843mm 684mm	36° (36)					
		4000K (4/08)	867mm 724mm	48° (48)					
		5000K (5/08)	878mm 759mm						
	8.8W (08)	2700K (2/78)	1204mm 993mm	17° (17)					
		3000K (3/08)	1279mm 1038mm	24° (24)					
		4000K (4/08)	1316mm 1098mm	36° (36)					
		5000K (5/08)	1331mm 1151mm	60° (60)					
	12.8W (13)	2700K (2/78)	1678mm 1384mm						
		3000K (3/08)	1783mm 1447mm						
		4000K (4/08)	1835mm 1531mm						
		5000K (5/08)	1857mm 1609mm						
							White/Black (44/6)	Non Dimmable (N0)	Emergency (E1)
							Black/Black (88)	Analogue (1-10V) (A1)	Honeycomb (H2)
							Black/White (88/4)	DMX (D4)	
								DALI (D4)	
								Push Button (PB)	
								Phase Cut (PC)	
								Wireless** (W1)	

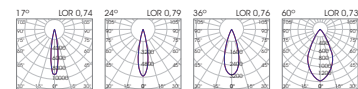
\* Models with CCTs of 3500K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT RC-06-308-80-48-FX-WW-DL-0

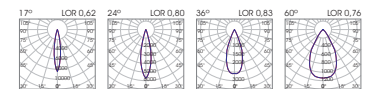
## 6.4W



## 8.8W

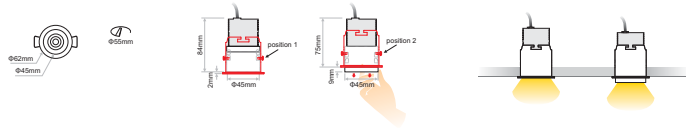


## 12.8W

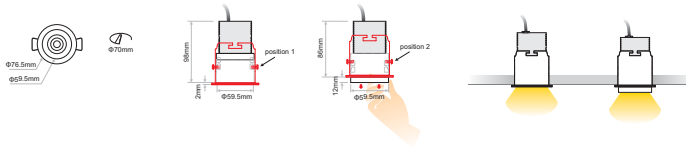




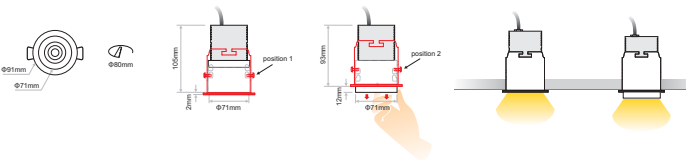
6.4W



8.8W



12.8W



- LIMIT 20/44 is an elegant trimless or recessed downlight available in different sizes.
- Most models may also be 7/12mm lowered from the ceiling offering a special note to any space.
- Limit TR is also available adjustable in 8.7Watt or 12.0Watt.
- The series offers low UGR ensuring visual comfort.
- It is available in either black or white colour.
- It offers a selection of dimming options.
  - 3 Stages
  - L90/B10 50,000h
- IP Protection: IP20 or IP44 (face only).

6.4W

8.8W

12.8W & 17W



12.6W Adjustable



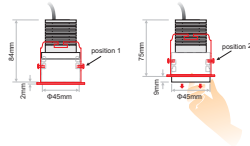
position 1

position 2

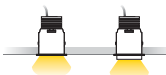
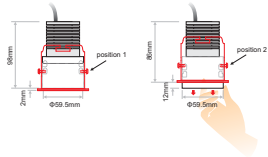
**LIMIT RC IP20/IP44**



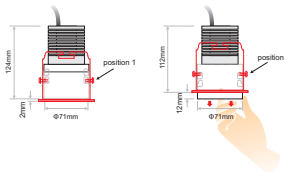
**6.4W**



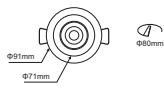
**8.8W**



**12.8W & 17W**



**12.6W Adjustable**

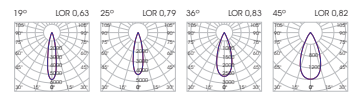


Model	LED Power	CCT**	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour: Term/inner Case	Dimming Option	Accessories
			80 (80)	90 (90)					
<b>LIMIT RC IP20</b> (LIMIT RC20)  <b>LIMIT RC IP44*</b> (LIMIT RC44)	<b>6.4W</b> (04)	2700K (278)	703lm	655lm	19° (19)	Fixed (F3)	White/White (WW) (MW)	Without Driver (D0)	No Extras (E0)
		3000K (308)	843lm	684lm	25° (25)		White/Black (WB) (MB)	Non Dimmable (ND)	Emergency (E1)
		4000K (408)	867lm	724lm	36° (36)		Black/Black (BB) (BB)	Analogue (1-10V) (A1)	
		5000K (508)	878lm	759lm	45° (45)		Black/White (BW) (BW)	DMX (DX)	
								DALI (DL)	
								Push Button (PB)	
								Phase Cut (PC)	
								Wireless*** (WL)	
	<b>8.8W</b> (09)	2700K (278)	1204lm	993lm					
		3000K (308)	1279lm	1038lm					
		4000K (408)	1316lm	1098lm					
		5000K (508)	1331lm	1151lm					
<b>12.8W</b> (13)	2700K (278)	1770lm	1460lm	19° (19)	Adjustable (A0)				
	3000K (308)	1880lm	1525lm	25° (25)					
	4000K (408)	1935lm	1615lm	36° (36)					
	5000K (508)	1955lm	1690lm	55° (55)					
<b>17W</b> (17)	2700K (278)	2525lm	2080lm						
	3000K (308)	2680lm	2180lm						
	4000K (408)	2760lm	2300lm						
	5000K (508)	2790lm	2415lm						
<b>LIMIT RC IP44*</b> (LIMIT RC44A)	<b>8.7W</b> (09)	2700K (278)	1225lm	1020lm	18° (18)	Adjustable (A0)		Non Dimmable (ND)	
		3000K (308)	1314lm	1065lm	30° (30)		Analogue (1-10V) (A1)		
		4000K (408)	1355lm	1130lm	50° (50)		DMX (DX)		
		5000K (508)	1370lm	1180lm			DALI (DL)		
								Push Button (PB)	
								Phase Cut (PC)	
							Wireless*** (WL)		
<b>12.6W</b> (13)	2700K (278)	1650lm	1360lm						
	3000K (308)	1750lm	1420lm						
	4000K (408)	1805lm	1505lm						
	5000K (508)	1825lm	1580lm						

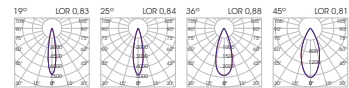
\* IP44; face only  
\*\* Models with CCTs of 3500K & 6500K are available upon request  
\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT RC20-13-40B-90-55-FX-BB-DL-0

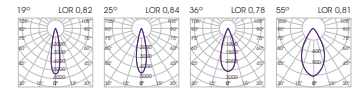
**6.4W**



**8.8W**



**12.8W / 17W**



# MANI

- MANI is a downlight available in round & square.
- 3 SDCM
- L90/B10 5000h
- Low UGR (UGR<10 for black colour)



LIGHTSOURCE BY  
bridgelux.

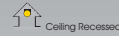
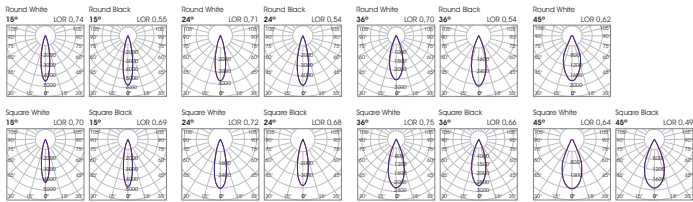
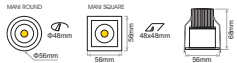
Model	LED Power	CC1*	LED Source	Type	CRI	Beam Angle**	Colour	Dimming Option	Accessories
MANI Round (MANI R)	6.1W (05)	2700K (278) 3000K (308) 4000K (408)	C980 C990	Fixed (FX)	80 (80) 90 (90)	15° (18)	White (WH)	Without Driver (D0)	COVER Standard (D1)
						24° (24)	Black (BL)	Non Dimmable (ND)	
						36° (36) 45° (45)	Analogue (1-10V) (A1) DMX (D2) DALI (D4) Push Button (PB) Phase Cut (PC) Wireless** (W)	Extras (XX) ↑ No Extras (E0) Emergency Kit (E1)	
MANI Square (MANI S)	8.9W (09)	2700K (278) 3000K (308) 4000K (408)	C980 C990	Fixed (FX)	80 (80) 90 (90)	15° (18)	White (WH)	Without Driver (D0)	COVER Standard (D1)
						24° (24)	Black (BL)	Non Dimmable (ND)	
						36° (36) 45° (45)	Analogue (1-10V) (A1) DMX (D2) DALI (D4) Push Button (PB) Phase Cut (PC) Wireless** (W)	Extras (XX) ↑ No Extras (E0) Emergency Kit (E1)	

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

\*\*45° not available in Black colour for MANI ROUND.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MANI R09-40B-FX-80-36-WH-DL-00



# SCOOP N

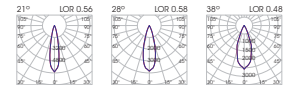
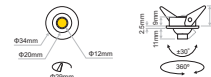
- Scoop N is a miniaturized recessed adjustable downlight suitable for display lighting.
- Power consumption: 1W @ 350mA and 1.5W @ 500mA.
- Available in black or white colour. Custom colours also available upon request.
- Low UGR ensuring visual comfort. UGR<10 (21° & 28°), UGR<16 (38°).
- 3SDCM
- L90/B10 50000h



LIGHTSOURCE BY  
SAMSUNG

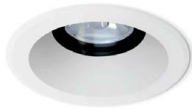
Model	LED Power	CCT	C980, C990 LED Source	Beam Angle	Type	Colour	Dimming Option
SCOOP N (SCOOP N)	1W (01)	2700K (278)	80 (80)	21° (21)	Adjustable (AD)	White (WH)	Without Driver (D0)
		3000K (308)	90 (90)	28° (28)		Black (BL)	24VDC PWM Dimmable (D4)
		4000K (408)		38° (38)			
	1.5W (02)	2700K (278)	200mm	160mm			
		3000K (308)	210mm	175mm			
		4000K (408)	215mm	190mm			
	5000K (508)	230mm	205mm				

Ordering Code Example: SCOOP N-02-30S-80-38-AD-BL-00



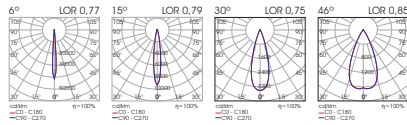
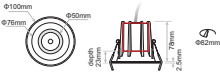


- NORDIA antiglare is an outdoor recessed downlight available in round form.
- Body material: aluminium.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycomb supplied as extra.
- Power cable HO5RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
  - UGR < 19 (6°, 15°, 30°, 46°)
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



CREE LEDs IP67

Model	Power	CCT	CR80, CR90 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option**	Accessories
80 (R0) 90 (R0)										
<b>NORDIA Antiglare</b> <small>(NORDIA AG)</small>	<b>4.1W</b> (4)	2700K (27C)	440lm	355lm	6° (06)	Round (R0)	Fixed (F0)	White (WH)	Without Driver (00)	<b>COVER</b> Standard (01) Honeycomb (11) Softening lens (21) Line spread lens (31) ↓ (XX) <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
		3000K (30C)	440lm	360lm				Black (BL)	230VAC Non Dimmable (230ND)	
		4000K (40C)	475lm	410lm				Stainless Steel (SS)	24V/ABDC Non Dimmable (2448ND)	
		5000K (50C)	410lm	440lm				Steel	24VDC PWM Dimmable (24DM)	
<b>6.5W</b> (7)	2700K (27C)	713lm	570lm	15° (15)	Round (R0)	Fixed (F0)	White (WH)	Without Driver (00)	Without Driver (00) 230VAC Non Dimmable (230ND) 24V/ABDC Non Dimmable (2448ND) 24VDC PWM Dimmable (24DM) 48VDC PWM Dimmable (48DM) 230V Phase Cut (230PC)	
	3000K (30C)	713lm	615lm				Black (BL)	230VAC Non Dimmable (230ND)		
	4000K (40C)	765lm	660lm				Stainless Steel (SS)	24V/ABDC Non Dimmable (2448ND)		
	5000K (50C)	765lm	713lm				Steel	24VDC PWM Dimmable (24DM)		
	6500K (65C)	765lm	-				Steel	48VDC PWM Dimmable (48DM)		
	6500K (65C)	765lm	-				Steel	230V Phase Cut (230PC)		



\* Other RAL finishes available on request.

\*\* With external IP68 casing box Dalí, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA AG 7-30C-90-46-RD-FX-BL-00-10

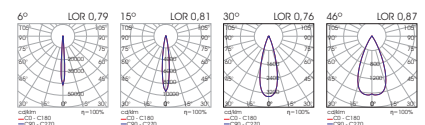


- Nordia is an outdoor recessed downlight available either round or square.
- Nordia is also available in antiglare version in Black and White colour.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- The luminaire can be customized with the use of softening lens, line spread lens and honeycombs supplied as extra.
- Power cable HO5RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
  - UGR < 19 (6°, 15°, 30°, 46°)
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07



CREE LEDs IP67

Model	Power	CCT	CR80, CR90 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option**	Accessories
80 (R0) 90 (R0)										
<b>NORDIA</b> <small>(NORDIA AG)</small>	<b>4.1W</b> (4)	2700K (27C)	440lm	355lm	6° (06)	Round (R0)	Fixed (F0)	White (WH)	Without Driver (00)	<b>COVER</b> Standard (01) Honeycomb (11) Softening lens (21) Line spread lens (31) ↓ (XX) <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
		3000K (30C)	440lm	360lm				Black (BL)	230VAC Non Dimmable (230ND)	
		4000K (40C)	475lm	410lm				Stainless Steel (SS)	24V/ABDC Non Dimmable (2448ND)	
		5000K (50C)	410lm	440lm				Steel	24VDC PWM Dimmable (24DM)	
<b>6.5W</b> (7)	2700K (27C)	713lm	570lm	15° (15)	Square (SQ)	Fixed (F0)	White (WH)	Without Driver (00)	Without Driver (00) 230VAC Non Dimmable (230ND) 24V/ABDC Non Dimmable (2448ND) 24VDC PWM Dimmable (24DM) 48VDC PWM Dimmable (48DM) 230V Phase Cut (230PC)	
	3000K (30C)	713lm	615lm				Black (BL)	230VAC Non Dimmable (230ND)		
	4000K (40C)	765lm	660lm				Stainless Steel (SS)	24V/ABDC Non Dimmable (2448ND)		
	5000K (50C)	765lm	713lm				Steel	24VDC PWM Dimmable (24DM)		
	6500K (65C)	765lm	-				Steel	48VDC PWM Dimmable (48DM)		
	6500K (65C)	765lm	-				Steel	230V Phase Cut (230PC)		



\* Other RAL finishes available on request.

\*\* With external IP68 casing box Dalí, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA 7-30C-90-46-RD-FX-SS-00-10

# NORDIA WASH



- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable H05RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP67
- IK Rate: IK07

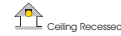
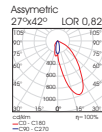


Model	Power	CCT	CRI80, CRI90 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option**	Extras
			80 (80)	90 (90)						
<b>NORDIA WASH</b> (NORDIA W)	<b>4.1W</b> (4)	2700K (27C)	440lm	355lm	Asymmetric (AS) 27°x42°	Round (RD)	Fixed (FX)	White (WH)	Without Driver (D)	No Extras (E)
		3000K (30C)	440lm	380lm		Black (BL)	2448VDC Non Dimmable (2448ND)	Emergency Kit (K1)		
		4000K (40C)	475lm	410lm		Square (SQ)	Steel	24VDC PWM Dimmable (24DM)		
		5000K (50C)	410lm	440lm			48VDC PWM Dimmable (48DM)			
								230V Non Dimmable (230ND)		

\* Other RAL finishes available on request.

\*\* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA W4-30C-90-AS-RD-FX-SS-00-0



# NORDIA DF (Diffused)

- Nordia is an outdoor recessed downlight available either round or square.
- It has minimal aesthetic.
- Body material: aluminium.
- Trim material: Either aluminium electrostatically painted (white, black or other RAL finishes on request) or stainless steel AISI 316.
- Power cable H05RN-F 2x0.75mm<sup>2</sup> L= 1m
- Cable outer diameter: 6.5mm
- Cable gland: IP67
- Safety Glass: 6mm
- Optics available: lenses
- Ingress Protection: IP67
- IK Rate: IK07

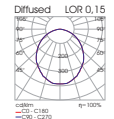


Model	Power	CCT	CRI80 LED Source		Beam Angle	Shape	Type	Colour*	Dimming Option**	Extras
			80 (80)							
<b>NORDIA DIFFUSED</b> (NORDIA DF)	<b>2.1W</b> (2)	2700K (27B)	261lm		Diffused (DF)	Round (RD)	Fixed (FX)	White (WH)	Without Driver (D)	No Extras (E)
		3000K (30B)	271lm	Black (BL)		2448VDC Non Dimmable (2448ND)	Emergency Kit (K1)			
		4000K (40B)	286lm	Square (SQ)		Steel	24VDC PWM Dimmable (24DM)			
						48VDC PWM Dimmable (48DM)				
								230V Non Dimmable (230ND)		

\* Other RAL finishes available on request.

\*\* With external IP68 casing box Dali, Phase cut, 1-10V dimming also possible.

Ordering Code Example: NORDIA DF2-30B-80-DF-SQ-FX-SS-00-0





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artochias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Residence (Pafos / Cyprus)  
Lighting Design: Alkistis Skarlatou - light in space  
Architect: Elena Konstantinidou Architects  
Photo: Maria Eftymiou



LIGHTING DESIGN AWARDS:  
Winners in Residential Lighting Design

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artochias Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



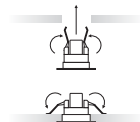
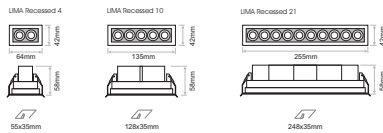
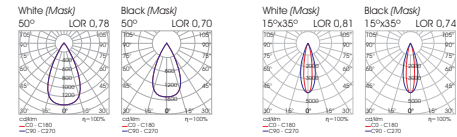
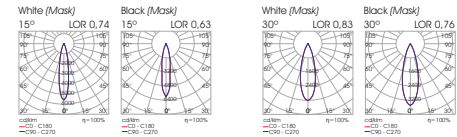
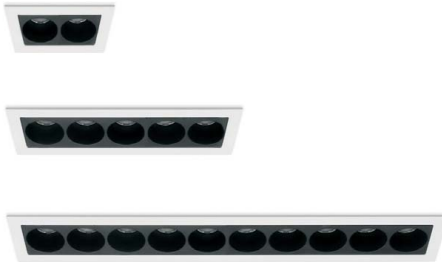
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and timeless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R.G.B.A.
- 3 SDCM
- 190/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



Model (LED Power)	CCT	CR80, CR90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (R0)	90 (R0)					
<b>LIMA 4W Recessed</b> (LIMA 4 RC)	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (D0)	COVER Standard (D1) No Extras (E0) EXTRAS: No Extras (E0) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)	
	4000K (40C)	552lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)	
					15°x35° (1535)	Black/White (BW)		
<b>LIMA 10W Recessed</b> (LIMA 10 RC)	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
<b>LIMA 21W Recessed</b> (LIMA 21 RC)	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA 21 RC-30C-80-FX-30-WW-ND-00



# LIMA RC ADJUSTABLE



LIMA RC ADJUSTABLE

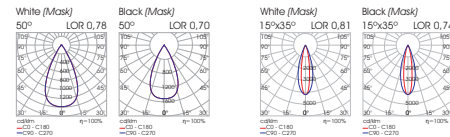
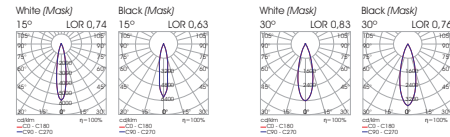
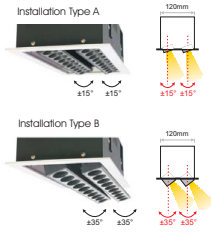
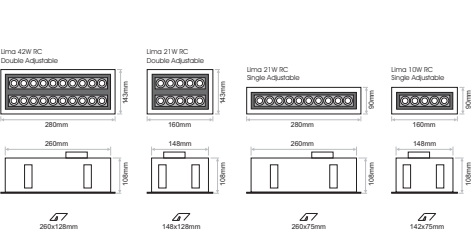
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and timeless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R.G.B.A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40

CREE IP40

Model (LED Power)	CCT	CR80, CR90 LED Source	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80) 90 (90)					
<b>LIMA 10W Recessed Single Adjustable</b> <i>(LIMA 10 RC SA)</i>	2700K (27C)	1320lm	1160lm	Adjustable	White/White (WW) / White/Black (WB) / Black/Black (BB) / Black/White (BW)	Without Driver (00)	<b>COVER</b> Standard (B1) / Non Dimmable (N0) / Analogue (1-10V) (A1) / DMX (D0) / DALI (DL) / Push Button (PB) / Phase Cut (PC) / Wireless* (W1)
	3000K (30C)	1320lm	1230lm			(B2)	
	4000K (40C)	1405lm	1320lm			(B3)	
	6500K (65C)	1480lm	-			(B4)	
<b>LIMA 21W Recessed Single Adjustable</b> <i>(LIMA 21 RC SA)</i>	2700K (27C)	2640lm	2320lm	Adjustable	White/White (WW) / White/Black (WB) / Black/Black (BB) / Black/White (BW)	Without Driver (00)	<b>COVER</b> Standard (B1) / Non Dimmable (N0) / Analogue (1-10V) (A1) / DMX (D0) / DALI (DL) / Push Button (PB) / Phase Cut (PC) / Wireless* (W1)
	3000K (30C)	2640lm	2470lm			(B2)	
	4000K (40C)	2810lm	2640lm			(B3)	
	6500K (65C)	2960lm	-			(B4)	
<b>LIMA 21W Recessed Double Adjustable</b> <i>(LIMA 21 RC DA)</i>	2700K (27C)	2640lm	2320lm	Adjustable	White/White (WW) / White/Black (WB) / Black/Black (BB) / Black/White (BW)	Without Driver (00)	<b>COVER</b> Standard (B1) / Non Dimmable (N0) / Analogue (1-10V) (A1) / DMX (D0) / DALI (DL) / Push Button (PB) / Phase Cut (PC) / Wireless* (W1)
	3000K (30C)	2640lm	2470lm			(B2)	
	4000K (40C)	2810lm	2640lm			(B3)	
	6500K (65C)	2960lm	-			(B4)	
<b>LIMA 42W Recessed Double Adjustable</b> <i>(LIMA 42 RC DA)</i>	2700K (27C)	5280lm	4640lm	Adjustable	White/White (WW) / White/Black (WB) / Black/Black (BB) / Black/White (BW)	Without Driver (00)	<b>COVER</b> Standard (B1) / Non Dimmable (N0) / Analogue (1-10V) (A1) / DMX (D0) / DALI (DL) / Push Button (PB) / Phase Cut (PC) / Wireless* (W1)
	3000K (30C)	5280lm	4940lm			(B2)	
	4000K (40C)	5620lm	5280lm			(B3)	
	6500K (65C)	5920lm	-			(B4)	

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA 21 RC SA-30C-80-AD-30-WH-WD-00





# LIMA WASH RC



LIMA WASH RC

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and trimless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R.G.B.A.
- 3 SDCM
- L90/810 50000h
- Constant current
- Indoor use: IP40

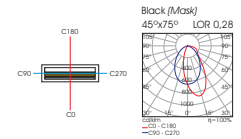
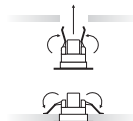
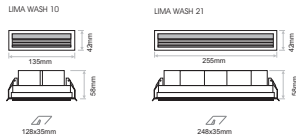


Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories	
		80 (80)	90 (90)						
<b>LIMA WASH 10W Recessed</b> <i>(LIMA W10 RC)</i>	2700K (27C)	1320lm	1160lm	Fixed (FX)	45°x75° (A5)	White/Black (WB)	Without Driver (D)	Standard (D)	
	3000K (30C)	1320lm	1235lm			Black/Black (BB)			Non Dimmable (ND)
	4000K (40C)	1405lm	1320lm			Analogue (1-10V) (A1)			
	6500K (65C)	1480lm	-			DMX (DX)			
<b>LIMA WASH 21W Recessed</b> <i>(LIMA W21 RC)</i>	2700K (27C)	2640lm	2320lm				DALI (DL)	No Extras (E)	
	3000K (30C)	2640lm	2470lm						Push Button (PB)
	4000K (40C)	2810lm	2640lm						Phase Cut (PC)
	6500K (65C)	2960lm	-						Wireless* (W)



\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA W21 RC-30C-80-FX-45-WB-ND-00



# LIMA DIFFUSED RC



LIMA DIFFUSED RC

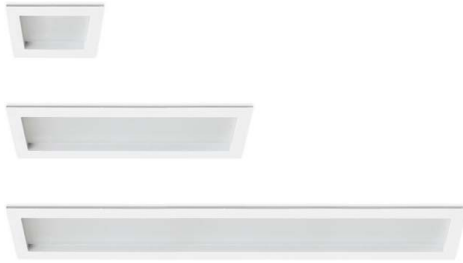
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- It is available in different beam angles, diffused and wall wash applications.
- It includes models for recessed and timeless installations.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/810 50000h
- Constant current
- Indoor use: IP40



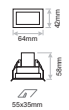
Model (LED Power)	CCT	CR80, CR90 LED Source	Type	Beam Angle	Luminaire Colour: Mask	Dimming Option	Accessories	
		80 (80) 90 (90)						
<b>LIMA Diffused 4W Recessed</b> <i>(LIMA DF 4 RC)</i>	2700K (27C)	528lm	464lm	Fixed (FX)	Diffused (DF)	White (WH) Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Push Cut (PC) Wireless* (W)	<b>COVER</b> Standard (S)  <b>EXTRAS</b> No Extras (NE) Emergency Kit (EK)
	3000K (30C)	528lm	494lm					
	4000K (40C)	552lm	528lm					
<b>LIMA Diffused 10W Recessed</b> <i>(LIMA DF 10 RC)</i>	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
<b>LIMA Diffused 21W Recessed</b> <i>(LIMA DF 21 RC)</i>	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

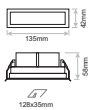
Ordering Code Example: LIMA DF 10 RC-30C-80-FX-DF-WH-ND-00



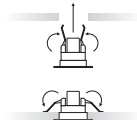
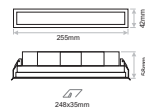
LIMA Diffused Recessed 4



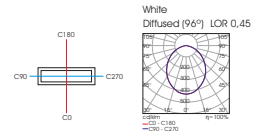
LIMA Diffused Recessed 10



LIMA Diffused Recessed 21



Luminaire Colour:



# LIMA IP44



LIMA IP44

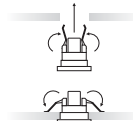
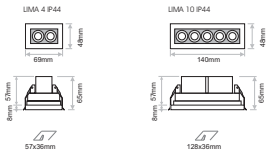
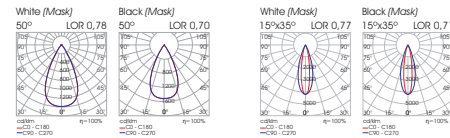
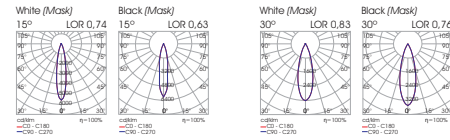
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 5000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Ingress Protection: IP44



Model (LED Power)	CCT	CR80, CR90 LED Source	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80) 90 (90)					
<b>LIMA 4W IP44 Recessed</b> (LIMA 4 44RC)	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (DD)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)	Non Dimmable (ND)
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)	Analogue (1-10V) (A1)
	6500K (65C)	592lm	-	15°x35° (15,35)	Black/White (BW)	DAI (DA)	DALI (DL)
<b>LIMA 10W IP44 Recessed</b> (LIMA 10 44RC)	2700K (27C)	1320lm	1160lm			Push Button (PB)	No Extras (NE)
	3000K (30C)	1320lm	1235lm		Phase Cut (PC)	Emergency Kit (E1)	
	4000K (40C)	1405lm	1320lm		Wireless* (WL)		
	6500K (65C)	1480lm	-				

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA 10 44RC-30C-80-FX-30-WW-ND-00





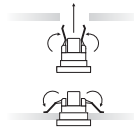
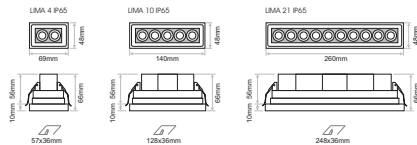
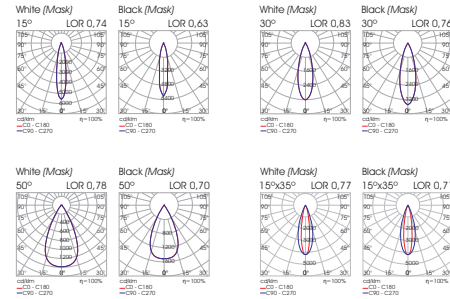
- LIMA series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<1.6 /black mask, UGR<1.9 /white mask).
- Constant current
- Ingress Protection: IP65 (face only)



Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
		80 (80)	90 (90)					
<b>LMA 4W IP65 Recessed</b> <small>(LMA 4 65RC)</small>	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15)	White/White (WW)	Without Driver (D0)	COVER Standard (D1) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DA) Push Button (PB) Phase Cut (PC) Wireless* (W1)
	3000K (30C)	528lm	494lm		30° (30)	White/Black (WB)		
	4000K (40C)	562lm	528lm		50° (50)	Black/Black (BB)		
	6500K (65C)	592lm	-		15°x35° (1535)	Black/White (BW)		
<b>LMA 10W IP65 Recessed</b> <small>(LMA 10 65RC)</small>	2700K (27C)	1320lm	1160lm					
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
<b>LMA 21W IP65 Recessed</b> <small>(LMA 21 65RC)</small>	2700K (27C)	2640lm	2320lm					
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Drawing Code Example: LIMA 21 65RC-30C-80-FX-30-WW-ND-00





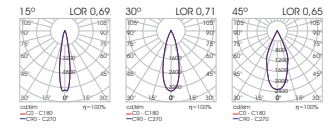
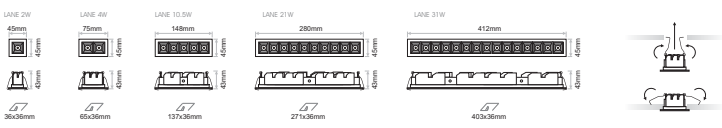
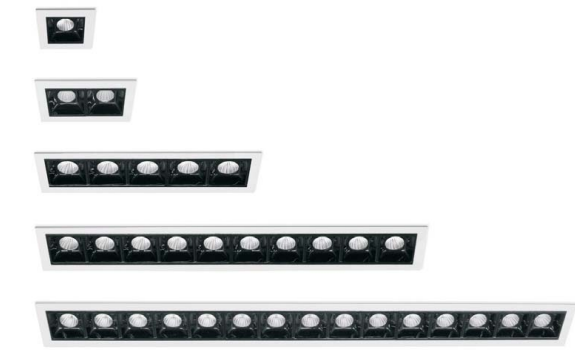
- Lane series is a complete series of die cast aluminium luminaires.
- It is available in different wattage consumption and each model is offered in different lumen outputs.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR<16 /black mask, UGR<19 /white mask).
- Constant current
- Indoor use: IP40



Model (LED Power)	CCT	CRI80 LED Source	CRI90 LED Source	Type	Beam Angle	Luminaire Colour: Trim	Dimming Option	Accessories
		80 (80)	90 (90)					
<b>LANE 2W Recessed</b> (LANE 2 RC)	2700K (27C)	264lm	232lm	Fixed (FX)	15° (15) 30° (30) 45° (45)	White (WH) Black (BK)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>EXTRAS</b> No Extras (E0) Emergency Kit (E1)
	3000K (30C)	264lm	247lm					
	4000K (40C)	281lm	264lm					
	6500K (65C)	296lm	-					
<b>LANE 4W Recessed</b> (LANE 4 RC)	2700K (27C)	528lm	464lm	Fixed (FX)	15° (15) 30° (30) 45° (45)	White (WH) Black (BK)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>EXTRAS</b> No Extras (E0) Emergency Kit (E1)
	3000K (30C)	528lm	494lm					
	4000K (40C)	562lm	528lm					
	6500K (65C)	592lm	-					
<b>LANE 10W Recessed</b> (LANE 10 RC)	2700K (27C)	1320lm	1160lm	Fixed (FX)	15° (15) 30° (30) 45° (45)	White (WH) Black (BK)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>EXTRAS</b> No Extras (E0) Emergency Kit (E1)
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
<b>LANE 21W Recessed</b> (LANE 21 RC)	2700K (27C)	2640lm	2320lm	Fixed (FX)	15° (15) 30° (30) 45° (45)	White (WH) Black (BK)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>EXTRAS</b> No Extras (E0) Emergency Kit (E1)
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					
<b>LANE 31W Recessed</b> (LANE 31 RC)	2700K (27C)	3960lm	3480lm	Fixed (FX)	15° (15) 30° (30) 45° (45)	White (WH) Black (BK)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>EXTRAS</b> No Extras (E0) Emergency Kit (E1)
	3000K (30C)	3960lm	3705lm					
	4000K (40C)	4215lm	3960lm					
	6500K (65C)	4440lm	-					

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:  
LANE 21 RC-30C-80-FX-30-WH-ND-00



# LANE 21 RC ADJ



- Lane series is a complete series of die cast aluminium luminaires.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50000h
- Low UGR (UGR < 16 /black mask, UGR < 19 /white mask).
- Constant current
- Indoor use: IP40

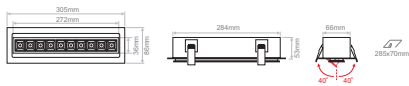
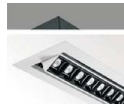
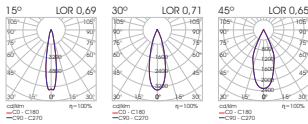


CREE LEDs IP40

Model	LED Power	CCT	CB80, CB90 LED Source		Beam Angle	Type	Luminaire Colour Trim		Dimming Option	Accessories	
			80 (80)	90 (90)			White (WH)	Black (BL)			
<b>LANE Recessed Adjustable</b> <i>(LANE RCA)</i>	21W (21)	2700K (27C)	2640mm	2320mm	15° (15)	Adjustable (ADJ)	White (WH)	Without Driver (OD)	EXTRAS Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	No Extras (E) Emergency Kit (1)	
			3000K (30C)	2640mm	2470mm		30° (30)	Black (BL)			Non Dimmable (ND)
			4000K (40C)	2640mm	2640mm		45° (45)	White (WH)			Analogue (1-10V) (A1)
			6500K (65C)	2960mm	-		-	Black (BL)			DMX (DM)

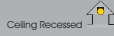
\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LANE RCA-21-30C-80-30-AD-WH-ND-0

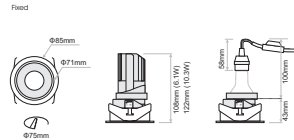
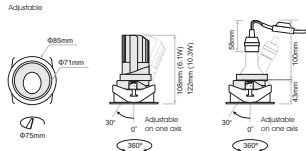


o2 Showroom, Athens, Greece  
Architect: Nikos Glos

# FOCUS RC



- Focus is a series of recessed downlights.
- Offered with P.44 (face only) LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Outer ring offered in white or black colour, inner ring available in white, black, gold or silver colour.
- 3 SDCM
- L90/810 50000h
- Low UGR (UGR<10)



# FOCUS RC



Name	Model (LED Power)	CCT*	CR80, CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories	
			80 (80) 90 (90)						
<b>FOCUS Recessed</b> (FOCUS RC)	<b>6.1W</b> (6)	2700K (278)	812mm	677mm	18° (18)	Adjustable (AD) Fixed (FX)	Trim White (W) Black (B)	Without Driver (D)	No Extra (E)
		3000K (308)	845mm	705mm	24° (24)			Non Dimmable (ND)	Emergency Kit (E1)
4000K (408)		879mm	733mm	32° (32) 48° (48)	Analogue (1-10V) (A1)				
	<b>10.3W</b> (10)	2700K (278)	1379mm	1138mm		Inner White (W) Black (B) Gold (G) Silver (S)	DALI (D) Push Button (PB) Phase Cut (PC) Wireless*** (WL)		
3000K (308)		1435mm	1180mm						
4000K (408)		1479mm	1265mm						
	<b>Warm Dimming 6.1W</b> (6E)			95 (95) 518mm				Analogue (1-10V) (A1) DALI (D) Phase Cut (PC) Wireless*** (WL)	

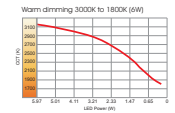
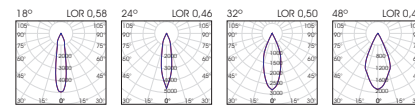
\* CCT: 3500K, 5000K, 6500K available upon request.  
 \*\* Other RAL colours available upon request.  
 \*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: FOCUS RC-6-308-90-32-AD-WB-00-00

Model	Type	Luminaire Colour	Lamp Holder
<b>FOCUS Recessed LL</b> (FOCUS RC LL)	Adjustable (AD) Fixed (FX)	Trim White (W) Black (B) Inner White (W) Black (B) Gold (G) Silver (S)	GU10 (max 7.5W) (G1)

Lamp Not included

Ordering Code Example: FOCUS RC LL-FX-WB-G1



# ERIS



- ERIS series is a recessed downlight available either fixed or adjustable.
- It is offered in four different power consumptions and in a vast variety of beam angles.
- Outer case available in white or black colour. Inner case available in white, black, silver or gold colour.
- 3 SDCM
- L90/B10 50.000h



# ERIS



Model	LED Power	CCT*	CRI LED Source	Beam Angle**	Type	Luminaire Colour	Dimming Option	Accessories	
			80 (80) 90 (90)						
ERIS M <i>(ERIS M)</i>	17.2W (17)	2700K (278)	2477lm	2044lm	24° (24)	Adjustable (AD)	Outer: White (W) Black (B) Inner: White (W) Black (B) Silver (S) Gold (G)	Without Driver (D0)	Cover Standard (D1)
		3000K (308)	2633lm	2138lm	32° (32)	Fixed (FX)		Non Dimmable (ND)	Honeycomb**** (F1)
		4000K (408)	2710lm	2261lm	40° (40)			Analogue (1-10V) (A1)	Extras No Extras (E0)
		5000K (508)	2741lm	2370lm	52° (52)			DMX (DX)	Emergency (E1)
								DALI (DL)	
	24.8W (25)	2700K (278)	3375lm	2784lm			Push Button (PB)		
		3000K (308)	3586lm	2911lm			Phase Cut (PC)		
	23.9W (24)	Warm Dimmable		95 (95)			Wireless*** (WL)		
		1800K-3000K (MD)	2210lm						
	29.5W (30)	RGBW (RGBW)		2075lm					
40° (40)		52° (52)							
ERIS L <i>(ERIS L)</i>	32.4W (32)	2700K (278)	4339lm	3579lm	12° (12)		Without Driver (D0) DMX (DX) DALI (DL) Wireless** (WL)		
		3000K (308)	4610lm	3742lm	20° (20)				
		4000K (408)	4745lm	3960lm	30° (30)				
		5000K (508)	4800lm	4149lm	40° (40)				
					60° (60)				
	38.5W (39)	2700K (278)	5062lm	4175lm					
		3000K (308)	5378lm	4365lm					
	30.7W (31)	Warm Dimmable		95 (95)					
		1800K-3000K (MD)	2840lm						
	42W (42)	RGBW (RGBW)		2695lm					
40° (40)		60° (60)							

\* Models with CCTs of 3500K & 6500K are available upon request.

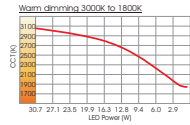
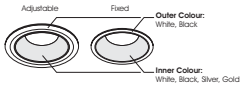
\*\* ERIS M: 40°/52° & ERIS L: 40°/60° are offered with glass.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

\*\*\*\* Honeycomb applicable only for ERIS M: 40°/52° & ERIS L: 40°/60°. Please refer to relevant polar curves for final luminaire output. Honeycomb not available for RGBW option.

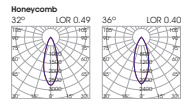
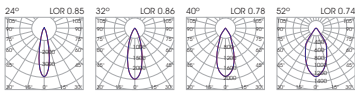
Ordering Code Example: ERIS L-32-308-90-40-AD-WB-00-10



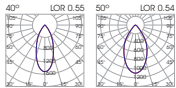


ERIS M

Inner Colour: WHITE

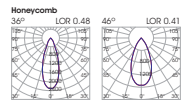
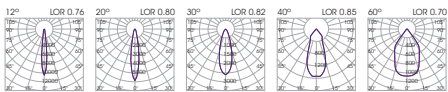


RGW

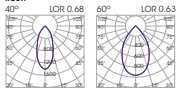


ERIS L

Inner Colour: WHITE



RGW



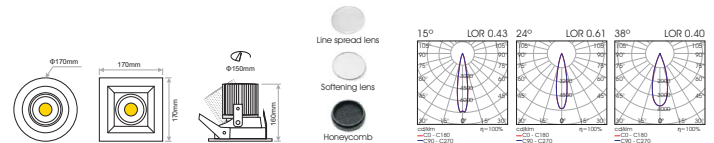
- Merlyn series consists of adjustable downlights in round or square form.
- Available in 18 / 25 / 32 Watt.
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR < 10



Model	LED Power*	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
CR95									
MERLYN XL Round <small>(MERLYN XLR)</small>	18W (18)	2700K (27L)	2000lm	Adjustable (AD)	95 (95)	24° (24) 38° (38)	White (WH) Black (BL)	Without Driver Non-Dimmable Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless** (WL)	COVER Standard (01) Honeycomb (11) Line spread lens (21) Softening lens (31) ↓ (XX)
		3000K (30L)	2115lm						
MERLYN XL Square <small>(MERLYN XLS)</small>	25W (25)	2700K (27L)	2613lm						EXTRAS No Extras (10) Emergency Kit (11)
		3000K (30L)	2763lm						
	32W (32)	2700K (27L)	4485lm			80 (80) 90 (90)			
		3000K (30L)	4765lm						
CR80 CR90									
	32W (32)	2700K (27L)	3701lm						
		3500K (35L)	4877lm						
	32W (32)	4000K (40L)	4905lm						
		5000K (50L)	4289lm						

\*Lightsource by LUMINUS for 18W & 25W, and by BRIDGELUX for 32W  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MERLYN XLR25-40L-95-38-WH-ND-00





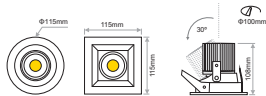
- Merlyn is a recessed adjustable downlight in round or square form.
- Available in 9/13 watt & 6/12 watt (WD).
- Available with honeycomb, line spread and softening lens as extra.
- 3 SDCM
- L90/B10 50000h
- UGR<10
- IP40



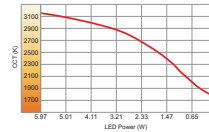
Model	LED Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories										
<b>MERLYN Round</b> (MERLYN R)	<b>9W</b> (D9)	2700K (27), 3000K (30), 3500K (35), 4000K (40), 5000K (50)	958lm 1020lm 1051lm 1093lm 1103lm	Adjustable (AD)	95 (95)	24° (24) 38° (38)	White (WH) Black (BL)	Without Driver (D0) Non-Dimmable (ND) Analogue [1-10V] (A1) DMX (D1) DALI (D4) Wireless* (W1)	COVER Standard (01) Honeycomb (11) Line spread (21) Softening lens (31) ↓ (XX) EXTRAS No Extras (10) Emergency (11)										
										<b>MERLYN Square</b> (MERLYN S)	13W (13)	2700K (27), 3000K (30), 3500K (35), 4000K (40), 5000K (50)	1252lm 1334lm 1375lm 1429lm 1443lm						
														Warm Dimmable (MD4)	6W (6)	1800K~3000K (18308)	518lm	20° (20) 38° (38)	Analogue [1-10V] (A1) DALI (D4) Phase Cut (PC) Wireless* (W1)

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

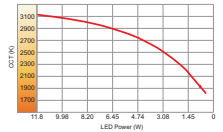
Ordering Code Example: MERLYN 509-30L-AD-95-24-WH-ND-00



Warm dimming 3000K to 1800K (6W)



Warm dimming 3000K to 1800K (12W)



# MERLYN IP44



# MERLYN IP44

- Merlyn IP44 is a fixed downlight available with LED or with GU10 lamp holder for LED lamps.
- High antiglare rate due to its depth.
- Material : aluminium die cast.
- Variety of colour combinations.
- Variety of accessories: honeycombs/spread lens/soft lens/ line spread lens.
- 3 SDCM
- L90/B10 50000h
- Ingress Protection: IP44 (face only)



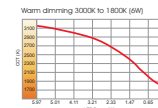
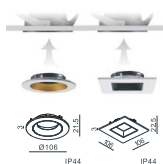
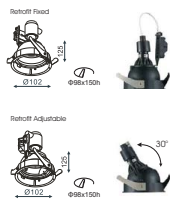
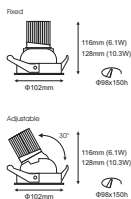
Model	LED Power	CC1*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories		
		CR80 CR90									
<b>MERLYN IP44 Round</b> <small>(MERYLN 44R)</small>	<b>6.1W</b> <small>(15)</small>		2700K (278)	812mm	677mm	Adjustable <small>(AD)</small>	80 (80) 90 (90)	16° (16) 25° (25) 36° (36) 50° (50)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DW) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless *** (WL)	COVER Standard (01) Honeycomb (11) Line Spread (21) Softening Lens (31) Spread Lens (41) (XX) EXTRAS No Extras (10) Emergency (11)
			3000K (308) 4000K (408)	845mm 879mm	705mm 733mm						
<b>MERLYN IP44 Square</b> <small>(MERYLN 44S)</small>	<b>10.3W</b> <small>(10)</small>		2700K (278)	1379mm	1138mm	Fixed <small>(FX)</small>	80 (80) 90 (90)	16° (16) 25° (25) 36° (36) 50° (50)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DW) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless *** (WL)	COVER Standard (01) Honeycomb (11) Line Spread (21) Softening Lens (31) Spread Lens (41) (XX) EXTRAS No Extras (10) Emergency (11)
			3000K (308) 4000K (408)	1435mm 1479mm	1180mm 1265mm						
			<b>Warm Dimmable</b>								
	<b>6.1W</b> <small>(15)</small>		Warm Dimmable 1800K~3000K <small>(1800K)</small>	518mm							
					95 (95)						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* Other RAL colours available upon request  
\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: **MERLYN 44R10-308-FX-90-50-WW-ND-00**

Model	Shape	Trim Colour	Type	Lamp Holder
<b>MERLYN IP44 Retrofit</b> <small>(MERYLN 44 RE)</small>	Round (RD)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Adjustable (AD) Fixed (FX)	GU10 (G1)
	Square (SQ)	White-White (WW) White-Black (WB) White-Gold (WG) Black-Black (BB) Black-Gold (BG)	Adjustable (AD) Fixed (FX)	GU10 (G1)

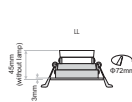
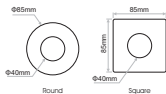
Ordering Code Example: **MERLYN 44 RE-RD-BG-FX-G1**



# CASTALIA R



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h



# CASTALIA R



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA R (CASTALIA R)	Round (R) Square (S)	6.1W (10)	2700K (278) 3000K (308) 4000K (408)	C980 C990	Fixed (FX)	80 (80) 90 (90)	14° (14) 20° (20) 30° (30) 36° (36)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) DMX (DX) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (N0) Emergency Kit (E1)
	Warm Dimming 6.1W (WDD6)	1800K-3000K (1830B)	C995	518mm	95 (95)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)				

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

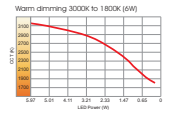
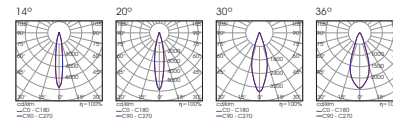
Ordering Code Example: CASTALIA RR05-30B-FX-90-36-WH-DL-00

## CASTALIA R LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA R LL (CASTALIA R LL)	Round (RD) Square (SQ)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)



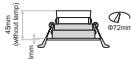
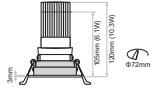
\* Other RAL colours available upon request  
Ordering Code Example: CASTALIA R LL-RD-WH-FX-G1



# CASTALIA S



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h



# CASTALIA S



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA S (CASTALIA S)	Round (R)	6.1W (05)	2700K (278) 3000K (308) 4000K (408)	C980	Fixed (FX)	80 (80) 90 (90)	18° (18) 22° (22) 30° (30)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D1) DMX (D2) DALI (D3) Push Button (PB) Phase Cut (PC) Wireless*** (W1)	No Extra (N0) Emergency Kit (E1)
				C990						
				C995						
		10.3W (10)	2700K (278) 3000K (308) 4000K (408)	1138lm	Fixed (FX)	95 (95)	18° (18) 22° (22) 30° (30)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D1) DMX (D2) DALI (D3) Push Button (PB) Phase Cut (PC) Wireless*** (W1)	No Extra (N0) Emergency Kit (E1)
				1180lm						
				1265lm						
Warm Dimming 6.1W (W006)	1800K-3000K (1830B)	518lm	Fixed (FX)	95 (95)	18° (18) 22° (22) 30° (30)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D1) DMX (D2) DALI (D3) Push Button (PB) Phase Cut (PC) Wireless*** (W1)	No Extra (N0) Emergency Kit (E1)		
		518lm								

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

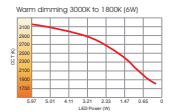
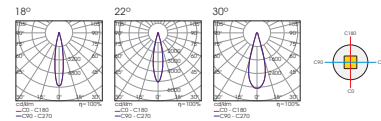
Ordering Code Example: CASTALIA SR05-30B-FX-90-22-WH-DL-00

## CASTALIA S LL

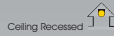
Model	Shape	Colour*	Type	Lamp Holder
CASTALIA S LL (CASTALIA S LL)	Round (R)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)



\* Other RAL colours available upon request  
Ordering Code Example: CASTALIA S LL-RD-WH-FX-G1



# CASTALIA E



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10:5000h



# CASTALIA E



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories	
CASTALIA E (CASTALIA E)	Round (R) Square (S)	6.1W (S5)	2700K (2/78)	C985	Adjustable (AD)	80 (R3) 90 (P3)	18°x22° (18)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (E0) Emergency Kit (E1)	
			3000K (3/38)	C990			25°x20° (25)				
	4000K (4/38)		C995	34°x28° (34) 50°x20° (50)							
			10.3W (10)	2700K (2/78)	C985		95 (P5)	18°x22° (18)		Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)	
				3000K (3/38)	C990			25°x20° (25)			
				4000K (4/38)	C995			34°x28° (34) 50°x20° (50)			
		Warm Dimming 6.1W (W005)	1800K-3000K (18,308)	C995							

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CASTALIA EP10-30B-AD-90-34-WH-DL-00

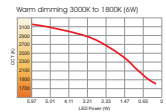
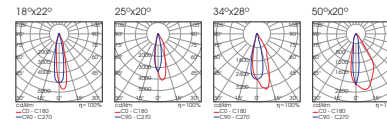
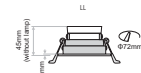
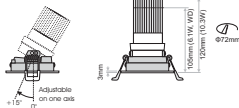
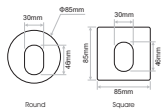
## CASTALIA E LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA E LL (CASTALIA E LL)	Round (R) Square (S)	White (WH) Black (BL)	Adjustable (AD)	GU10 (max 7.5W) (G1)



\* Other RAL colours available upon request

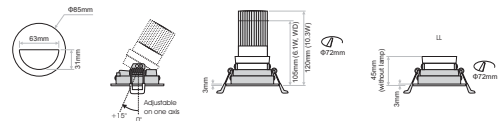
Ordering Code Example: CASTALIA E LL-RD-WH-AD-G1



# CASTALIA H



- Recessed spots for indoor use.
- Ideal for antiglare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10:5000h



# CASTALIA H



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories				
<b>CASTALIA H</b> (CASTALIA H)	Round (R)	<b>6.1W</b> (E5)	2700K (2/78) 3000K (3/38) 4000K (4/38)	C985 C990	812mm 677mm 845mm 705mm 879mm 733mm	Adjustable (AD)	80 (R3) 90 (P3)	18°x22° (18) 25°x20° (25) 34°x28° (34) 30°x50° (30)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D1) DMX (D2) Push Button (PB) Phase Cut (PC) Wireless*** (W1)	No Extra (E3) Emergency Kit (E1)			
												<b>10.3W</b> (10)	2700K (2/78) 3000K (3/38) 4000K (4/38)	1379mm 1138mm 1435mm 1180mm 1479mm 1265mm

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CASTALIA HR10-30B-AD-90-25-WH-DL-00

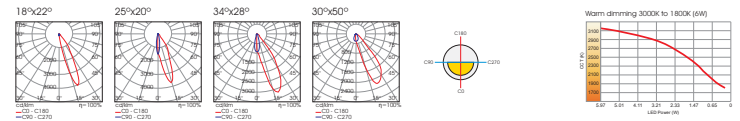
## CASTALIA H LL

Model	Shape	Colour*	Type	Lamp Holder
<b>CASTALIA H LL</b> (CASTALIA H LL)	Round (R)	White (WH) Black (BL)	Adjustable (AD)	GU10 (max 7.5W) (G1)



\* Other RAL colours available upon request

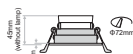
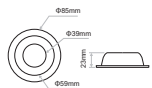
Ordering Code Example: CASTALIA H LL-RD-WH-AD-G1



# CASTALIA A



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- 3 SDCM
- L90/B10 50000h



# CASTALIA A



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories
CASTALIA A (CASTALIA A)	Round (R)	6.1W (05)	2700K (278)	C980	C990	Fixed (FX)	80 (80)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DALI (DL) DMX (DX) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (X0) Emergency Kit (E1)
				812mm	677mm					
				845mm	705mm					
		10.3W (10)	2700K (278)	1379mm	1138mm					
				3000K (308)	1435mm	1180mm				
				4000K (408)	1479mm	1265mm				
Warm Dimming 6.1W (W006)	1800K-3000K (1830B)	C995		518mm	95 (P5)			Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)		

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CASTALIA AR05-30B-FX-80-55-WH-DL-00

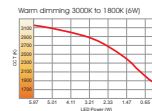
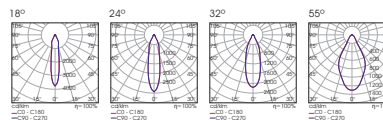
## CASTALIA A LL

Model	Shape	Colour*	Type	Lamp Holder
CASTALIA A LL (CASTALIA A LL)	Round (RD)	White (WH) Black (BL)	Fixed (FX)	GU10 (max 7.5W) (G1)



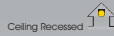
\* Other RAL colours available upon request

Ordering Code Example: CASTALIA A LL-RD-WH-FX-G1





# CASTALIA W



- Recessed spots for indoor use.
- Ideal for anti-glare lighting installations.
- Easy magnetic installation.
- Offered with IP44 (face only) LED module or suitable for GU10 LED lamps.
- Adjustable on one axis.
- 3 SDCM
- L90/B10 50000h



# CASTALIA W



Name	Shape	Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour**	Dimming Option	Accessories				
<b>CASTALIA W</b> (CASTALIA W)	Round (R)	<b>6.1W</b> (6.5)	2700K (2.78) 3000K (3.08) 4000K (4.08)	C985 C990	812mm 6.77m 845mm 705mm 879mm 733mm	Adjustable (AD)	80 (R3) 90 (R2)	22°x18° (22) 25°x20° (25) 34°x28° (34) 50°x45° (50)	White (WH) Black (BL)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	No Extra (EX) Emergency Kit (E1)			
												<b>10.3W</b> (10)	2700K (2.78) 3000K (3.08) 4000K (4.08)	1379mm 1138mm 1435mm 1180mm 1479mm 1265mm

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CASTALIA WR10-30B-AD-90-25-WH-DL-00

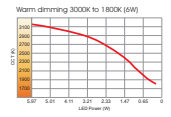
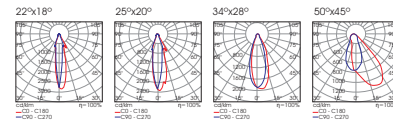
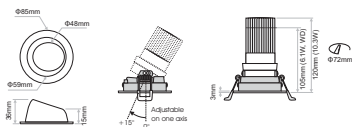
## CASTALIA W LL

Model	Shape	Colour*	Type	Lamp Holder
<b>CASTALIA W LL</b> (CASTALIA W LL)	Round (R)	White (WH) Black (BL)	Adjustable (AD)	GU10 (max 7.5W) (G1)



\* Other RAL colours available upon request

Ordering Code Example: CASTALIA W LL-RD-WH-AD-G1



# REVO M



- REVO M is the second recessed downlight of REVO series.
- It is available in white or black colour.
- It is offered monochromatic, tunable white or warm dimming.
- It has a variety of dimming options.
- Low UGR ensuring visual comfort (UGR<18).

## Monochromatic, TW, WD

- 3 SDCM
- L90/B10 50,000h



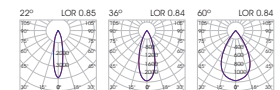
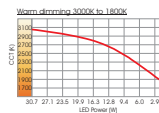
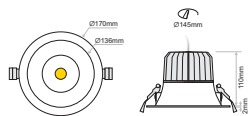
# REVO M



Model	LED Power	CCT*	CRI LED Source to 55°C	Type	Beam Angle	Colour	Dimming Option
			80 (B0) 90 (P0)				
REVO M (REVO M)	17W (17)	2700K (27B)	2530lm	Fixed (FX)	22° (22)	White (1A1)	Without Driver (00)
		3000K (30B)	2680lm			Black (B1)	Non Dimmable (ND)
		4000K (40B)	2760lm			Analogue [1-10V] (A1)	
		5700K (57B)	2790lm			DMX (DX)	
	24W (24)	2700K (27B)	3600lm	2970lm	36° (36)	White (1A1)	Without Driver (00)
		3000K (30B)	3810lm			Black (B1)	Non Dimmable (ND)
		4000K (40B)	3940lm			Analogue [1-10V] (A1)	
		5700K (57B)	3980lm			DMX (DX)	
	32W (32)	2700K (27B)	4500lm	3710lm	40° (40)	White (1A1)	Without Driver (00)
		3000K (30B)	4780lm			Black (B1)	Non Dimmable (ND)
		4000K (40B)	4910lm			Analogue [1-10V] (A1)	
		5700K (57B)	4970lm			DMX (DX)	
Tunable White 23.4W (TW23)	2700K-5700K (2757B)	2310lm		90 (P0)	2310lm	White (1A1)	Without Driver (00)
		2890lm					Black (B1)
Tunable White 32W (TW32)	2700K-5700K (2757B)	2890lm		90 (P0)	2890lm	White (1A1)	Without Driver (00)
Warm Dimming 24W (WD24)	1800K-3000K (1830B)	2210lm		95 (P5)	2210lm	White (1A1)	Without Driver (00)
		2840lm					Black (B1)
Warm Dimming 31W (WD31)	1800K-3000K (1830B)	2840lm		95 (P5)	2840lm	White (1A1)	Without Driver (00)
RGBW 22W (RGBW22)		1545lm			1545lm	White (1A1)	Without Driver (00)
RGBW 29.5W (RGBW30)		2075lm			2075lm	White (1A1)	Without Driver (00)

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REVO M-24-30B-90-FX-60-WH-DL



# REVO L



- REVO L is the large recessed downlight of REVO series.
- It is available in white or black colour.
- It is offered monochromatic, tunable white or warm dimming.
- It has a variety of dimming options.
- Low UGR ensuring visual comfort (UGR<18).

## Monochromatic, TW, WD

- 3 SDCM
- L90/B10 50.000h



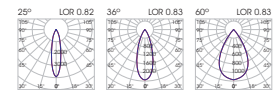
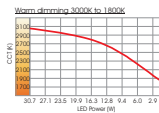
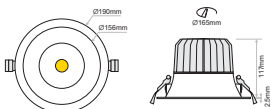
# REVO L



Model	LED Power	CCT*	CRI LED Source to 55°C	Type	Beam Angle	Colour	Dimming Option		
			80 (80) 90 (90)						
REVO L (REVO L)	24W (24)	2700K (278)	3400lm	2970lm	Fixed (FX)	25° (25) 36° (36) 60° (60)	White (WH)	Without Driver (00)	
		3000K (308)	3810lm	3100lm			Black (BK)	Non Dimmable (ND)	
		4000K (408)	3940lm	3280lm			Analogue [1-10V] (A1)		
	5700K (578)	3980m	3260m	DMX (DX)					
	32W (32)	2700K (278)	4500lm	3710lm		DALI (DL)			
		3000K (308)	4780lm	3870lm		Phase Cut (PC)			
		4000K (408)	4910lm	4100lm		Push Button (PB)			
	5700K (578)	4970lm	4090lm	Wireless** (WL)					
	37W (37)	2700K (278)	5140lm	4240lm		Without Driver (00)			DALI (DL)
		3000K (308)	5460lm	4430lm				Wireless** (WL)	
		4000K (408)	5610lm	4690lm					
	5700K (578)	5690lm	4670lm						
Tunable White 32W (TW32)	2700K~5700K (27578)	90 (90)		2940lm (Both CCT's driven)				Without Driver (00)	
		3190lm (Both CCT's driven)						DALI (DL)	
Tunable White 37W (TW37)		95 (95)		2250lm				Analogue [1-10V] (A1)	
Warm Dimming 24W (WD24)	1800K~3000K (18308)	2250lm		2890lm				DMX (DX)	
		2890lm						Phase Cut (PC)	
Warm Dimming 31W (WD31)	1800K~3000K (18308)	2250lm		2890lm				Push Button (PB)	
		2890lm						Wireless** (WL)	
RGBW 22W (RGBW22)		1545lm		2075lm	40° (40) 65° (65)			Without Driver (00)	
RGBW 29.5W (RGBW30)		2075lm				DMX (DX)			
							DALI (DL)		
							Wireless** (WL)		

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REVO L-37-30B-80-FX-36-WH-DL



# REVO X



- REVO X is the largest recessed downlight of REVO series.
- It is available in white or black colour.
- It is offered monochromatic, tunable white or warm dimming.
- It has a variety of dimming options.
- Low UGR ensuring visual comfort (UGR<18).

## Monochromatic, TW, WD

- 3 SDCM
- L90/B10 50,000h



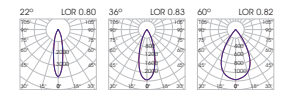
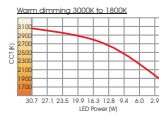
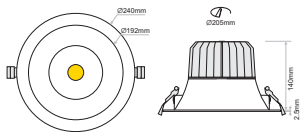
# REVO X



Model	LED Power	CCT*	CRI LED Source to 55°C	Type	Beam Angle	Colour	Dimming Option		
			80 (B0) 90 (P0)						
REVO X <i>(REVO X)</i>	24W (24)	2700K (27B)	3400lm	2970lm	Fixed (FX)	22° (22) 36° (36) 60° (60)	White (14B)	Without Driver (00)	
		3000K (30B)	3810lm	3100lm			Black (8L)	Non Dimmable (N0)	
		4000K (40B)	3940lm	3280lm			Analogue [1-10V] (A1)		
		5700K (57B)	3980m	3260m			DMX (DX)		
	32W (32)	2700K (27B)	4500lm	3710lm		Without Driver (00)			DALI (DL)
		3000K (30B)	4780lm	3870lm					Phase Cut (PC)
		4000K (40B)	4910lm	4100lm					Push Button (PB)
		5700K (57B)	4970lm	4090lm					Wireless** (WL)
	37W (37)	2700K (27B)	5140lm	4240lm		Without Driver (00)			DALI (DL)
		3000K (30B)	5460m	4430m					Phase Cut (PC)
		4000K (40B)	5610m	4690m					Push Button (PB)
		5700K (57B)	5690m	4670m					Wireless** (WL)
Tunable White 32W <i>(TW32)</i>	2700K~5700K <i>(27/57B)</i>	90 (P0)		2940lm <i>(Both CCT's driven)</i>			Without Driver (00)		
		3190m <i>(Both CCT's driven)</i>					DALI (DL)		
Tunable White 37W <i>(TW37)</i>		90 (P0)		2940lm <i>(Both CCT's driven)</i>			Wireless** (WL)		
Warm Dimming 24W <i>(WD24)</i>	1800K~3000K <i>(18/30B)</i>	95 (P5)		2250m			Without Driver (00)		
		2890m					Analogue [1-10V] (A1)		
Warm Dimming 31W <i>(WD31)</i>	1800K~3000K <i>(18/30B)</i>	95 (P5)		2890m			DMX (DX)		
				2075lm	40° (40) 65° (65)		Without Driver (00)		
RGBW 30W <i>(RGBW30)</i>				2975lm			DMX (DX)		
RGBW 43W <i>(RGBW43)</i>							DALI (DL)		
							Wireless** (WL)		

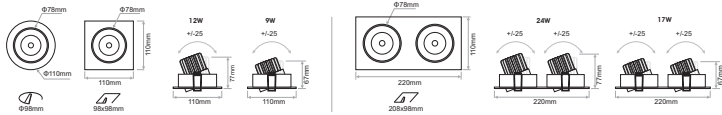
\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REVO X-37-30B-80-FX-36-WH-DL

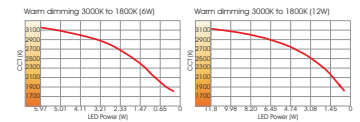




- BORRELY is an adjustable recessed downlight available single or double.
- High efficiency deep reflector with clear cover glass.
- Heat sink is of die-cast aluminium.
- 3 SDCM
- L9Q1910 50.000h



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories			
<b>BORRELY Round</b> (BORRELY R)	<b>8.9W</b> (09)	2700K (278) 3000K (308) 4000K (408)	C880	C890	C897	Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			1089mm	908mm	-					Non Dimmable (ND)	Analogue (1-10V) (A1)	
			1135mm	946mm	-					DMX (DX)	Emergency (E1)	
<b>BORRELY Square</b> (BORRELY S)	<b>12.2W</b> (12)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	1575mm	1313mm	-	Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			1657mm	1362mm	-					Non Dimmable (ND)	Analogue (1-10V) (A1)	
			1706mm	1460mm	-					DMX (DX)	Emergency (E1)	
<b>BORRELY Square</b> (BORRELY S)	<b>12.5W</b> (13)	2700K (278) 3000K (308)	-	-	1121mm	Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			-	-	1196mm					Non Dimmable (ND)	Analogue (1-10V) (A1)	
			-	-	-					DMX (DX)	Emergency (E1)	
<b>BORRELY Square</b> (BORRELY S)	<b>11.8W</b> (M12)	Warm Dimmable (18308)	C895			Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			1800K-3000K							518mm	Non Dimmable (ND)	Analogue (1-10V) (A1)
			1800K-3000K							1045mm	DMX (DX)	Emergency (E1)
<b>BORRELY DOUBLE Square</b> (BORRELY DS)	<b>17.8W</b> (18)	2700K (278) 3000K (308) 4000K (408)	C880	C890	C897	Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			2178mm	1816mm	-					Non Dimmable (ND)	Analogue (1-10V) (A1)	
			2270mm	1892mm	-					DMX (DX)	Emergency (E1)	
<b>BORRELY DOUBLE Square</b> (BORRELY DS)	<b>24.4W</b> (24)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	3150mm	2626mm	-	Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			3314mm	2724mm	-					Non Dimmable (ND)	Analogue (1-10V) (A1)	
			3412mm	2920mm	-					DMX (DX)	Emergency (E1)	
<b>BORRELY DOUBLE Square</b> (BORRELY DS)	<b>25W</b> (25)	2700K (278) 3000K (308)	-	-	2242mm	Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			-	-	2392mm					Non Dimmable (ND)	Analogue (1-10V) (A1)	
			-	-	-					DMX (DX)	Emergency (E1)	
<b>BORRELY DOUBLE Square</b> (BORRELY DS)	<b>12W</b> (M12)	Warm Dimmable (18308)	C895			Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			1800K-3000K							1036mm	Non Dimmable (ND)	Analogue (1-10V) (A1)
			1800K-3000K							2090mm	DMX (DX)	Emergency (E1)
<b>BORRELY DOUBLE Square</b> (BORRELY DS)	<b>23.6W</b> (M2.4)	Warm Dimmable (18308)	C895			Adjustable (A2)	80 (80) 90 (90) 97 (97)	38° (38)	White (WH)	Without Driver (D0)	Standard Diffuser (D1)	
			1800K-3000K							1036mm	Non Dimmable (ND)	Analogue (1-10V) (A1)
			1800K-3000K							2090mm	DMX (DX)	Emergency (E1)



# VESTA



- VESTA is a small sized downlight available in round or square form.
- Increased efficiency.
- 3 SDCM
- L90B10 50.000h

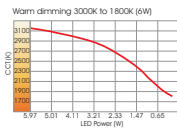
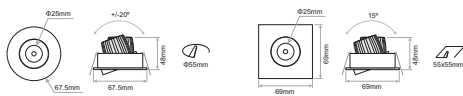


LIGHTSOURCE BY  
**bridgelux.**

Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
VESTA Round (VESTA.R)	6.1W (10s)	2700K (27B)	C980	Adjustable (AD)	80 (80)	43° (43)	White (WH)	Without Driver (D0)	Standard (01)
		3000K (30B)	C990	90 (90)	43° (43)	Non Dimmable (ND)			
VESTA Square (VESTA.S)	6.1W (10s)	2700K (27B)	C980	Adjustable (AD)	80 (80)	43° (43)	White (WH)	Analogue (1-10V) (A1)	(XX)
		3000K (30B)	C990	90 (90)	43° (43)	DMX (DX)			
VESTA Square (VESTA.S)	6W (1000s)	Warm Dimmable 1800K-3000K (1830B)	C995	Adjustable (AD)	95 (95)	40° (40)	White (WH)	Push Button (PB)	No Extras (10)
		3000K (30B)	C995	95 (95)	40° (40)	Phase Cut (PC)			
								Wireless** (W)	Emergency (11)

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: VESTA R06-40B-AD-80-43-WH-DL-00



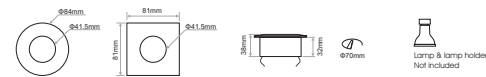
- AVRA is a fixed downlight suitable for LED lamps available with clear or frosted glass.
- Luminaire: Die-cast aluminium.
- Ideal for lighting in bathrooms, spa, fitting rooms, etc.
- IP65 (face only).

# AVRA



IP65  
Face only

Code	Colour	Glass	Type	Lamp	Maximum Consumption	Diameter	IP Rate
ALE.032	NICKEL BRUSH	Frosted	Round	MR16	35W	70mm	IP65
ALE.033	WHITE	Frosted	Round	MR16	35W	70mm	IP65
ALE.034	WHITE	Frosted	Square	MR16	35W	70mm	IP65
ALE.056	NICKEL BRUSH	Clear	Round	MR16	35W	70mm	IP65
ALE.057	WHITE	Clear	Round	MR16	35W	70mm	IP65
ALE.035	WHITE	Clear	Square	MR16	35W	70mm	IP65



# JUPITER



- JUPITER is a fixed downlight available with clear or frosted glass.
- Luminaire: Die cast aluminum.
- 3 SDCM
- L90/B10 50000h
- IP65 (face only)



# JUPITER



Model	Power	CCT	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option	Extras	
			80 (80)	90 (90)						
JUPITER (JUPITER)	6.1W (6)	2700K (278)	812mm	677mm	18° (18)	Fixed (FX)	White (WH) Nickel Satin (NS)	Without Driver (D)	No Extras (E)	
		3000K (308)	845mm	705mm	24° (24)			Non Dimmable (ND)	Emergency Kit (1)	
		4000K (408)	879mm	733mm	32° (32)			Analogue (1..10V) (A1)		
	10.3W (10)	2700K (278)	1379mm	1138mm	40° (40)			Diffused (DF)	DMX (DM)	
		3000K (308)	1435mm	1180mm					DALI (DALI)	Push Switch (PS)
		4000K (408)	1479mm	1265mm					Phase Cut (PC)	Wireless ** (WL)
Warm Dimmable				95 (95)		Analogue (1..10V) (A1)				
6.1W (6)	Warm Dimmable (WD)	1600K-3000K		518mm			DALI (DALI)		Phase Cut (PC)	Wireless * (WL)

\* CCT: 3500K, 5000K, 6500K available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

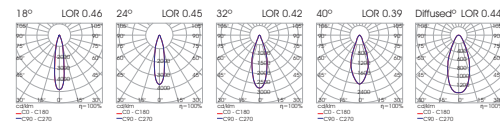
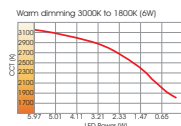
Ordering Code Example: JUPITER 10-308-80-32-FX-WH-ND-0



### Round



### Square (upon request)



# ELDO

- ELDO is a small scale downlight suitable in applications with low depth ceiling.
- Available in Black or White, but also RAL colours are available on request.
- Consumption: 1W@300mA, 1.5W@500mA, 2.1W@700mA
- L90 B10 5000h
- 3 SDCM



# EVO I

- EVO I is a low depth downlight, suitable in applications with limited space.
- Adjustable : 81° +/- 25°.
- Material: aluminium.
- Colour: anodized aluminium (silver).
- Indoor use only.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/R/PUSH BUTTON/Bluetooth



CREE  
LEDs

IP20

Model	LED Power*	CCT**	CR80 LED Source	CR90 LED Source	Type	Beam Angle	Colour
ELDO (ELDO)	2.1W (62)	2700K (27C)	80 (83)	90 (90)	Fixed (FX)	24° (24)	White (WH)
		3000K (30C)	230mm	190mm		36° (36)	Black (BL)
		4000K (40C)	245mm	215mm		Frosted (FR)	
			265mm	-			

\* 2.1W@700mA

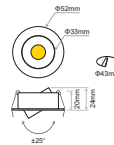
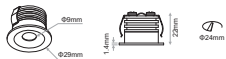
\*\* Models with CCTs of 5700K & 6500K are available upon request.

Ordering Code Example: ELDO-02-40C-80-FX-36-BL

LUMILEDS

IP20

Code	Model	No.LED	CCT	Watt	Current	Beam Angle	IP Rate
ALL134	EVO I	1	3000K	2W	700mA	25°	IP20





# TORN / TORN MINI

- TORN & TORN MINI miniaturized dimmable constant current LED spot.
- Ideal for decorative lighting.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



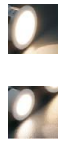
# BAROLO

- BAROLO is a small sized constant current downlight.
- Available in 30° & 60°.
- 3 SDCM
- L90/B10 50000h

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

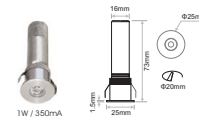
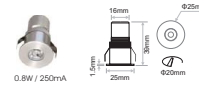
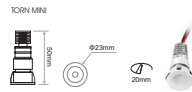


Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.226	TORN	1	3000K	1W / 350mA	Φ35x50mm	60°	White	Dimmable
ALI.227			5600K					
ALI.228	TORN MINI	1	3000K	1W / 350mA	Φ23x50mm	30°	White	Dimmable
ALI.229								



\*Other colours available upon request.

\*\*Adjustable intensity with ELECTRON dimmable constant current LED drivers.

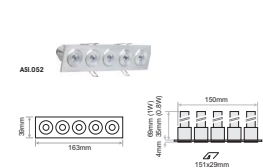
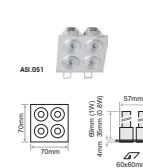
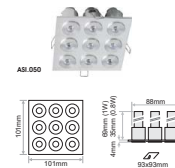


Code	No.LED	CCT*	Watt	Current**	Diameter	Beam Angle	
<b>0.8W / 250mA</b>							
LED.230	1	6000K	0.8W	250mA	25mm	30°	Dimmable
LED.231		4000K					
LED.232		3000K				60°	
LED.233	1	6000K	0.8W	250mA	25mm	30°	Dimmable
LED.234		4000K					
LED.235		3000K				60°	
<b>1W / 350mA</b>							
LED.227	1	6000K	1W	350mA	25mm	30°	Dimmable
LED.228		4000K					
LED.229		3000K				60°	
LED.236	1	6000K	1W	350mA	25mm	30°	Dimmable
LED.237		4000K					
LED.238		3000K				60°	

\*Other colours available upon request.

\*\*Adjustable intensity with ELECTRON dimmable constant current LED drivers.

### Accessories (Barolo LEDs not included)



## CUBIC / EYE / EYE SQUARE



- Decorative small sized downlights.
- Luminaire body: aluminium.
- 3 SDCM
- L90/B10 50000h

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

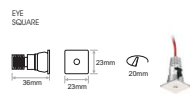
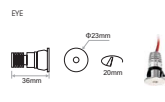
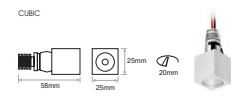


Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.216 ALI.217	CUBIC	1	3000K 5600K	1W / 350mA	25x25x58mm	30°	Aluminium MAT	Dimmable
ALI.218 ALI.219	EYE		3000K 5600K		Φ23x36mm	120°	Nickel Mat	
ALI.220 ALI.221	EYE SQUARE		3000K 5600K		23x23x36mm	120°	Nickel Mat	

CREE  
LEDs



\*Other colours available upon request.  
\*\*Adjustable intensity with ELECTRON dimmable constant current LED drivers.



## FRAME / FRAME SQUARE

- Decorative small sized recessed downlights.
- Diffused light emission.
- Round and Square shape.
- 3 SDCM
- L90/B10 50000h

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

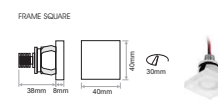
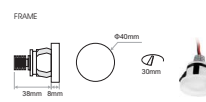


Code	Model	No.LED	CCT*	Watt / Current**	Dimensions	Beam Angle	Finish	
ALI.222 ALI.223	FRAME	1	3000K 5600K	1W / 350mA	Φ40x46mm	Diffused	Frost Diffuser	Dimmable
ALI.224 ALI.225	FRAME SQUARE		3000K 5600K		40x40x46mm			

CREE  
LEDs



\*Other colours available upon request.  
\*\*Adjustable intensity with ELECTRON dimmable constant current LED drivers.



## STARLIGHT SERIES



- Decorative small sized downlights.
- Dimmable Constant Current LED Spots 350mA.
- Available in different forms creating various lighting patterns.

Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



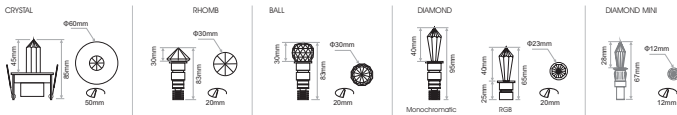
Code	Model	No.LED	CCT*	Watt/Current**	Dimensions	Beam Angle	Finish	
ALI.206 ALI.207	CRYSTAL	1	3000K 5600K	1W / 350mA	Φ60x85mm	Diffused	Chromed Aluminium	Dimmable
ALI.208 ALI.209	RHOMB		3000K 5600K		Φ30x63mm			
ALI.210 ALI.211	BALL		3000K 5600K		Φ30x63mm			
ALI.212 ALI.213	DIAMOND		3000K 5600K		Φ23x95mm			
ALI.214 ALI.215	DIAMOND MINI		3000K 5600K	0.5W / 160mA	Φ12x67mm			

\*Other colours available upon request.  
\*\*Adjustable intensity with ELECTRON dimmable constant current LED drivers.

Lighting management options:  
DALI/DMX512/PHASE CUT/R/RF/Bluetooth

Model	No.LED	Colour	Watt	Voltage	Dimensions	Beam Angle	Finish	
DIAMOND RGB /CC*	1	RGB	0.25W	5VDC	Φ23x65mm	Diffused	Chromed Aluminium	Dimmable

\*CC=Common Cathode



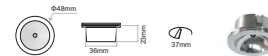
- PETITE ANTI-GLARE ideal for decorative lighting.
- 3 SDCM
- L90/B10 50000h

Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



Code	Model	No.LED	Colour*	Watt	Current**	Diameter	Beam Angle	
ALI.107 ALI.108	PETITE ANTI-GLARE	1	5600K 3000K	1W	350mA	Φ48mm	120°	Dimmable

\*Other colours available upon request.  
\*\*Adjustable intensity with ELECTRON dimmable constant current LED drivers.



# TALUS RC



TALUS RC

- TALUS Recessed downlight available in white or black colour.

**Monochromatic, TW**

- 3 SDCM
- L90/θ10 50.000h

**WD**

- Dimmable options.
- 3 SDCM
- L90/θ10 50.000h

**RGBW**

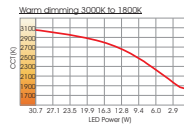
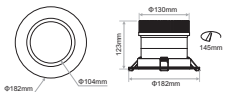
- White CCT at 4000K. (Other CCTs are available upon request).



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option		
<b>TALUS RC</b> <i>(PLUS RC)</i>	<b>23.9W</b> <i>(24)</i>		C980	C980	Fixed <i>(F)</i>	80 <i>(80)</i> 90 <i>(90)</i> 97 <i>(97)</i>	White <i>(W)</i> Black <i>(B)</i>	Without Driver <i>(D)</i> Non Dimmable <i>(ND)</i> Analogue (1-10V) <i>(A1)</i> DMX <i>(DM)</i> DALI <i>(DL)</i> Phase Cut <i>(PC)</i> Push Button <i>(PB)</i> Wireless*** <i>(WL)</i>		
			2700K <i>(278)</i>	3621lm					2987lm	2647lm
			3000K <i>(308)</i>	3847lm					3123lm	2829lm
			4000K <i>(408)</i>	3960lm					3304lm	-
			5700K <i>(578)</i>	3847lm					-	-
	<b>31.3W</b> <i>(31)</i>		2700K <i>(278)</i>	4510lm	3721lm	3298lm				
			3000K <i>(308)</i>	4792lm	3890lm	3524lm				
			4000K <i>(408)</i>	4933lm	4115lm	-				
	<b>37.1W</b> <i>(37)</i>		2700K <i>(278)</i>	5199lm	4289lm	3802lm				
			3000K <i>(308)</i>	5524lm	4484lm	4062lm				
			4000K <i>(408)</i>	5687lm	4744lm	-				
<b>37.1W</b> <i>(37)</i>		5700K <i>(578)</i>	5524lm	-	-					
<b>Tunable White</b>			C990	90 <i>(90)</i>			Without Driver <i>(D)</i> DMX <i>(DM)</i> DALI <i>(DL)</i> Wireless*** <i>(WL)</i>			
<b>23.9W</b> <i>(24)</i>	Tunable White <i>(TW8)</i>	2252lm	(Both CCTs driven)							
<b>34.8W</b> <i>(35)</i>	2700K-5700K	3188lm	(Both CCTs driven)							
<b>Warm Dimmable</b>			C995							
<b>30.7W</b> <i>(30)</i>	Warm Dimmable <i>(WDC3)</i>	1800K-3000K	2840lm	95 <i>(95)</i>			Without Driver <i>(D)</i> Analogue (1-10V) <i>(A1)</i> DMX <i>(DM)</i> DALI <i>(DL)</i> Phase Cut <i>(PC)</i> Push Button <i>(PB)</i> Wireless*** <i>(WL)</i>			
<b>RGBW**</b> <i>(RGBW)</i>			2075lm							
<b>29.5W</b> <i>(30)</i>			2075lm	20° <i>(20)</i> 38° <i>(38)</i>			Without Driver <i>(D)</i> DMX <i>(DM)</i> DALI <i>(DL)</i> Wireless*** <i>(WL)</i>			
<b>42.5W</b> <i>(43)</i>			2695lm							

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* Other colour combinations available upon request.  
\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: TALUS RC31-308-FX-90-60-BL-00



# TALUS ADJ RC



# TALUS ADJ RC

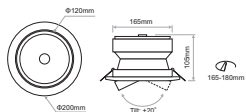
- TALUS adjustable recessed downlight available in white or black colour.

### Monochromatic, TW, WD

- 3 SDCM
- 1.93@10.50.000h

### RGBW

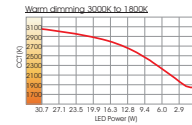
- White CCT at 4000K. [Other CCTs are available upon request].



Model	LED Power	CCT*	C880, C890, C897 LED Source	Type	Beam Angle	Colour	Dimming Option	Accessories
TALUS ADJ RC <small>(TALUS A RC)</small>	23.9W <small>(24)</small>	2700K (2.78)	80 (80) 90 (90) 97 (97)	Adjustable <small>(AD)</small>	20° (20) 38° (38) 60° (60) 110°*** (110)	White (WB) Black (BL)	Without Driver (00)	COVER Clear (01) Center Frost (11) Diffused (21) ↓ (XX) ↑ EXTRAS No Extras (10)
		3000K (3.08)	3621mm 2987mm 2647mm				Non Dimmable (ND)	
		4000K (4.08)	3847mm 3123mm 2829mm				Analogue (1-10V) (A1)	
	31.3W <small>(31)</small>	2700K (2.78)	4510mm 3721mm 3298mm	DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless**** (WL)				
		3000K (3.08)	4792mm 3890mm 3524mm					
		4000K (4.08)	4923mm 4115mm -					
	37.1W <small>(37)</small>	2700K (2.78)	5199mm 4289mm 3802mm	Without Driver (00) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless**** (WL)				
		3000K (3.08)	5524mm 4484mm 4062mm					
		4000K (4.08)	5687mm 4744mm -					
	Tunable White 23.9W <small>(24)</small>	Tunable White (TWB)	90 (90)	90 (90) 2252mm <small>(Both CCTs driver)</small>	150°** (15) 350°** (35) 550°** (55) 1100°*** (110)	Without Driver (00) DMX (DX) DALI (DL) Wireless**** (WL)		
		2700K-5700K	3188mm <small>(Both CCTs driver)</small>					
		34.8W <small>(35)</small>	3188mm <small>(Both CCTs driver)</small>					
Warm Dimmable 30.7W <small>(30.7)</small>	Warm Dimmable (18.308)	95 (95)	95 (95) 2962mm	Without Driver (00) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Phase Cut (PC) Push Button (PB) Wireless**** (WL)				
	1800K-3000K							
	42.5W <small>(43)</small>							
29.5W <small>(30)</small>	RGBW**** (RGBW)	2075mm	2075mm	35° (35) 55° (55)	Without Driver (00) DMX (DX) DALI (DL) Wireless**** (WL)	COVER Diffused (21)		
						2695mm	EXTRAS No Extras (10)	
42.5W <small>(43)</small>								

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \*\* Beam angle values are only valid for clear cover.  
 \*\*\* 110° only for diffused cover.  
 \*\*\*\* Other colour combinations available upon request.  
 \*\*\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: TALUS A RC31-308-80-AD-38-BL-00-00



# RODITA



- RODITA downlight with a tilt of 60°.

## Monochromatic:

- High efficiency deep reflector.
- Luminaire body: aluminium.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

## RGBW:

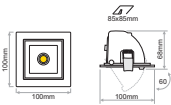
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
RODITA (RODITA)	12.3W (12)	2700K (2/78) 3000K (3/38) 4000K (4/38) 5700K (5/78)	CR80	CR90	CR97	Adjustable (AD)	80 (80) 90 (90) 97 (97)	40° (40) White (WH)	Without Driver (D) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (S)  EXTRAS No Extras (E) Emergency**** (E1)	
			1662mm	1372mm	1216mm	1299mm	-	-	-	DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	(D) (ND) (A1) (DX) (DL) (PB) (PC) (WL)
			960mm	RGBW (RGBW)	960mm	Without Driver (D) DMX (DX) DALI (DL) Wireless*** (WL)	(D) (DX) (DL) (WL)				

\* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \* CREE RGBW: Other colour combinations available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.  
 \*\*\*\* Emergency only for monochromatic versions.

Ordering Code Example: RODITA 12-40B-AD-80-40-WH-DL-00



# SORENA



- SORENA downlight with a tilt of 60° and rotation of 360°.

## Monochromatic:

- High purity aluminium.
- 3 SDCM (for monochromatic models).
- L90/B10 50.000h

## RGBW:

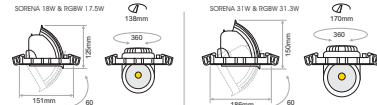
- White CCT at 4000K. (Other CCTs are available upon request).
- L80/B10 50.000h



Model	LED Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
SORENA (SORENA)	17.5W (17)	2700K (2/78) 3000K (3/38) 4000K (4/38) 5700K (5/78)	CR80	CR90	CR97	Adjustable (AD)	80 (80) 90 (90) 97 (97)	38° (38) White (WH)	Without Driver (D) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (S)  EXTRAS No Extras (E) Emergency**** (E1)	
			2482mm	2048mm	1815mm	1939mm	-	-	20° (20)	DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	(D) (ND) (A1) (DX) (DL) (PB) (PC) (WL)
			960mm	RGBW (RGBW)	960mm	Without Driver (D) DMX (DX) DALI (DL) Wireless*** (WL)	(D) (DX) (DL) (WL)				
31.3W (31)	2700K (2/78) 3000K (3/38) 4000K (4/38) 5700K (5/78)	4510mm	3721mm	3298mm	-	-	24° (24)	Without Driver (D) DMX (DX) DALI (DL) Wireless*** (WL)	(D) (DX) (DL) (WL)		
		4792mm	3890mm	3524mm	-	-	-	-	-	-	
		4933mm	4115mm	-	-	-	-	-	-	-	
12.5W (13)	RGBW (RGBW)	960mm	Without Driver (D) DMX (DX) DALI (DL) Wireless*** (WL)	(D) (DX) (DL) (WL)							
18W (18)	1245mm	-	-	-	-	-	-	-	-		
29.5W (30)	2075mm	-	-	-	-	-	-	-	-		

\* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \* CREE RGBW: Other colour combinations available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.  
 \*\*\*\* Emergency only for monochromatic versions.

Ordering Code Example: SORENA 31-30B-AD-90-20-WH-DL-00



# KRONOS

- KRONOS downlight.
- High efficiency deep reflector with clear cover glass.

## BRIDGELUX

- 3 SDCM
- L90/B10 50.000h

## CREE (RGW)

- White CCT at 4000K. (Other CCTs are available upon request)
- L80/B10 50.000h



LIGHTSOURCE BY  
**bridgelux** **CREE**  
for Monochromatic for RGBW  
LEDs



Ceiling Recessed



Ceiling Recessed

# RONEO

- RONEO adjustable downlight with consumption of up to 62 watt.
- High efficiency deep reflector with clear cover glass.
- Ideal easy replacement in existing theater house lighting.
- Dimmable options.
- Increased efficiency.

## Monochromatic:

- 3 SDCM
- L90/B10 50.000h

## RGBW:

- White CCT at 4000K. (Other CCTs are available upon request)
- L80/B10 50.000h

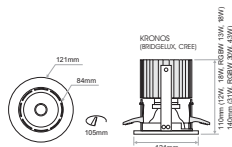


LIGHTSOURCE BY  
**bridgelux** **CREE**  
Monochromatic RGBW  
LEDs

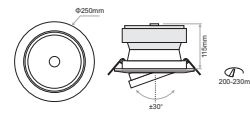
Model	Power	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories		
KRONOS (KRONOS)	12.3W (12)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	C980	C990	C997	Fixed (FX)	80 (80)	16° (16)	White (WH)	Without Driver (DX)	COVER Standard (01) Diffuser (11) Honeycomb (21) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)
			90 (90)	26° (26)	Black (BL)		Non Dimmable (ND)				
			97 (97)	38° (38)	Grey (GR)		Analogue (1-10V) (A1)				
	17.5W (18)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	2482mm 2637mm 2714mm 2637mm	2048mm	1815mm	Fixed (FX)	26° (26) 38° (38)	Nickel Satin (NS)	DALI (DL)	Non Dimmable (ND)	COVER Standard (01) Diffuser (11) Honeycomb (21) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)
				2140mm	1939mm			Gold (GL)	Analogue (1-10V) (A1)		
				2265mm	-						
	31.3W (31)	2700K (278) 3000K (308) 4000K (408) 5700K (578)	4510mm 4792mm 4933mm 4792mm	3721mm	3298mm	Fixed (FX)	26° (26) 38° (38)		DALI (DL)	Non Dimmable (ND)	COVER Standard (01) Diffuser (11) Honeycomb (21) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)
				3890mm	3524mm						
				4115mm	-						
	12.5W (13)	RGBW (RGBW)	960mm			Fixed (FX)	26° (26) 38° (38)		Without Driver (DX)	COVER (01)	
								DMX (DX)	Standard (01)		
								DALI (DL)	Diffuser (11)		
				Wireless*** (WL)	Honeycomb (21)						
18W (18)	RGBW (RGBW)	1245mm			Fixed (FX)	26° (26) 38° (38)		Without Driver (DX)	COVER (01)		
							DMX (DX)	Standard (01)			
29.5W (30)	RGBW (RGBW)	2075mm			Fixed (FX)	26° (26) 38° (38)		Without Driver (DX)	COVER (01)		
							DMX (DX)	Standard (01)			
42.5W (43)	RGBW (RGBW)	2695mm			Fixed (FX)	26° (26) 38° (38)		Without Driver (DX)	COVER (01)		
							DMX (DX)	Standard (01)			

\* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\* CREE RGBW: Other colour combinations available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Examples: KRONOS 31-308-FX-90-38-BL-ND-00



Honeycomb lower accessory



ELECTRON

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antonia St, N.Phalaippa, 14341 Athens, Greece, info@electron.gr, www.electron.gr

Ordering Code Example: RONEO 53-408-80-AD-65-WH-ND-00

\* BRIDGELUX: Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\* CREE RGBW: Other colour combinations available upon request.  
\*\*C990 Available up to 5000K. C997 Available upon request.  
\*\*\*Consists of two components (power supply + led driver).  
\*\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

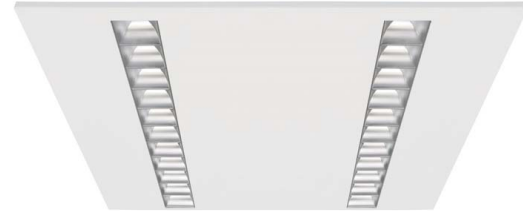
# PELO



# HORIZON

- PELO downlight module suitable for direct installation in ceilings (PL replacement).
- Module with integrated electronics.

- Horizon is a direct lighting panel available in two dimensions.
- Suitable for recessed, surface or pendant installation.
- Luminaire available in white colour.
- Louvre available in silver, white or black colour.
- Low Glare: Max UGR < 19 with silver louvre.
- Dimming: Non-Dimmable, Analogue (1-10V), DALI.
- IP40/ IK06

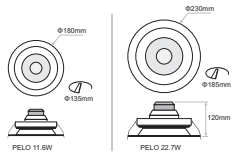


### Luminous Efficacy

PELO 11.6W: **88lm/W** (3000K), **92lm/W** (4000K), **92lm/W** (6500K)  
 PELO 22.7W: **90lm/W** (3000K), **94lm/W** (4000K), **96lm/W** (6500K)

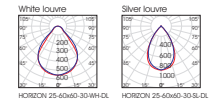
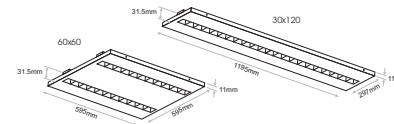
Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
PELO (PELO)	11.6W (12)	CR80		Fixed (FX)	80 (80)	60° (50) 90° (90)	White (WH)	Non Dimmable 230VAC (ND)
		3000K (30)	1020lm					
		4000K (40)	1070lm					
	6500K (65)	1070lm						
	22.7W (23)	3000K (30)	2040lm					
		4000K (40)	2140lm					
6500K (65)		2160lm						

Ordering Code Example: PELO 23- 40T-FX-80-90-WH-ND

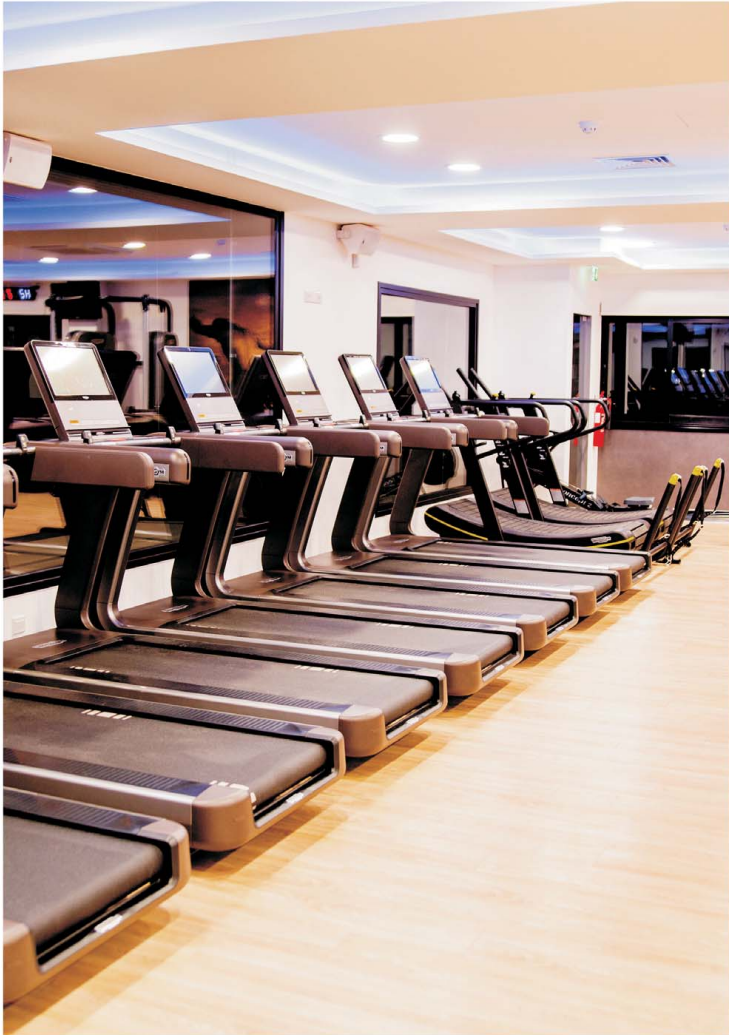


Model/Width	Dimensions	CCT*	Luminous Flux	Louvre Options	Beam Angle	Dimming Option
HORIZON 25W (HORIZON 25)	595x595 (60x60) 295x1195 (60x120)	CR80		Silver (SU) White (WH) Black (BL)	65° 80°	Non Dimmable (ND) Analogue (1-10V) (A1) DALI (D1)
		3000K (30)	3250lm			
		4000K (40)	3330lm			
		5000K (50)	3410lm			
		5700K (57)	3500lm			

Ordering Code Example: HORIZON 25-60x120-30-SL-DL

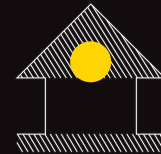




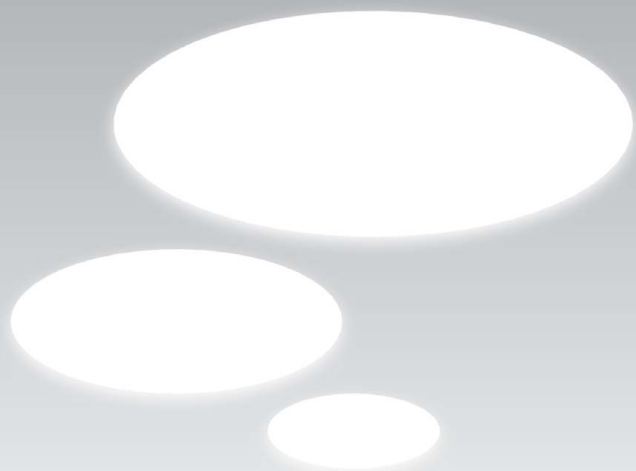
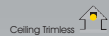


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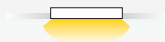
CEILING  
TRIM  
LESS



# DISC TR (Trimless)



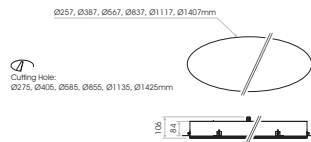
- Disc is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability. (3 hours, with build-in rechargeable battery).
- Indoor Use: (IP40)



LED source efficacy up to 214lm/W (4000K)  
Luminaire efficacy up to 143lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

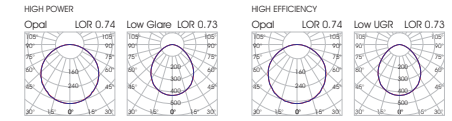
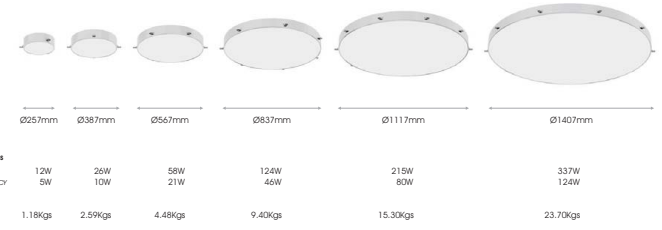




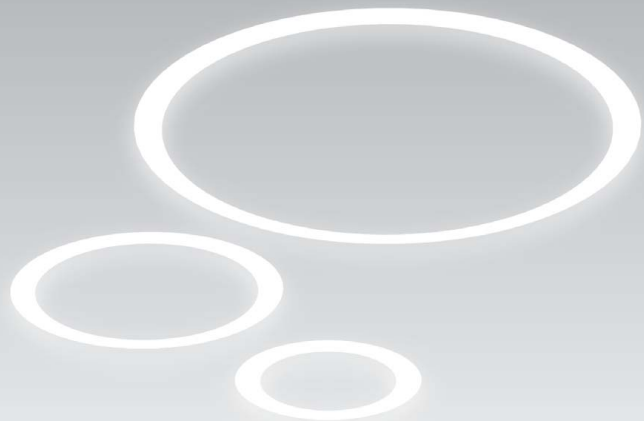
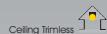
Model	Luminaire Colour	CCT	Watt / Diameter	CR <sup>+</sup> LED Source	CR <sup>+</sup> LED Source	Type	Voltage	Dimming Option	Extras			
DISC Trimless High Power <i>(DISC TR HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 (80)	> 80 (80)	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard Emergency <i>(E)</i>			
			3000K	4000K	Low Glare <i>(LG)**</i>							
	4000K <i>(40)</i>	11.9W / 27cm <i>(12W027)</i>	1910lm	2070lm	Analogue <i>(A1)</i> (1-10V)	DALI <i>(DL)</i> Wireless <i>(WL)</i>						
		26.2W / 40cm <i>(26W040)</i>	3970lm	4170lm								
		57.4W / 58cm <i>(58W058)</i>	8670lm	9110lm								
		123.8W / 85cm <i>(124W085)</i>	17980lm	18900lm								
		214.8W / 113cm <i>(215W113)</i>	31060lm	32650lm								
		336.6W / 142cm <i>(337W142)</i>	49550lm	52200lm								
		DISC Trimless High Efficiency <i>(DISC TR HE)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH EFFICIENCY</b>		> 80 (80)	> 80 (80)	Opal <i>(CP)</i>			
					3000K		4000K	Low UGR <i>(LU)**</i>				
4000K <i>(40)</i>	4.5W / 27cm <i>(05W027)</i>		810lm	880lm								
	9.8W / 40cm <i>(10W040)</i>		1680lm	1770lm								
	21.2W / 58cm <i>(21W058)</i>		3640lm	3830lm								
	45.7W / 85cm <i>(46W085)</i>		7430lm	7810lm								
	79.4W / 113cm <i>(80W113)</i>		12830lm	13490lm								
	124.4W / 142cm <i>(124W142)</i>		20590lm	21700lm								

\* Available in CR90 upon request.  
\*\* Low Glare (UGR < 22), Low UGR (UGR < 19)

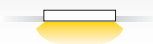
Ordering Code Example: DISC TR HP-WH-30-58W058-80-LG-230-ND-0



# ECLIPSE TR (Trimless)



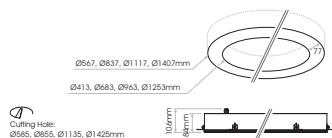
- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



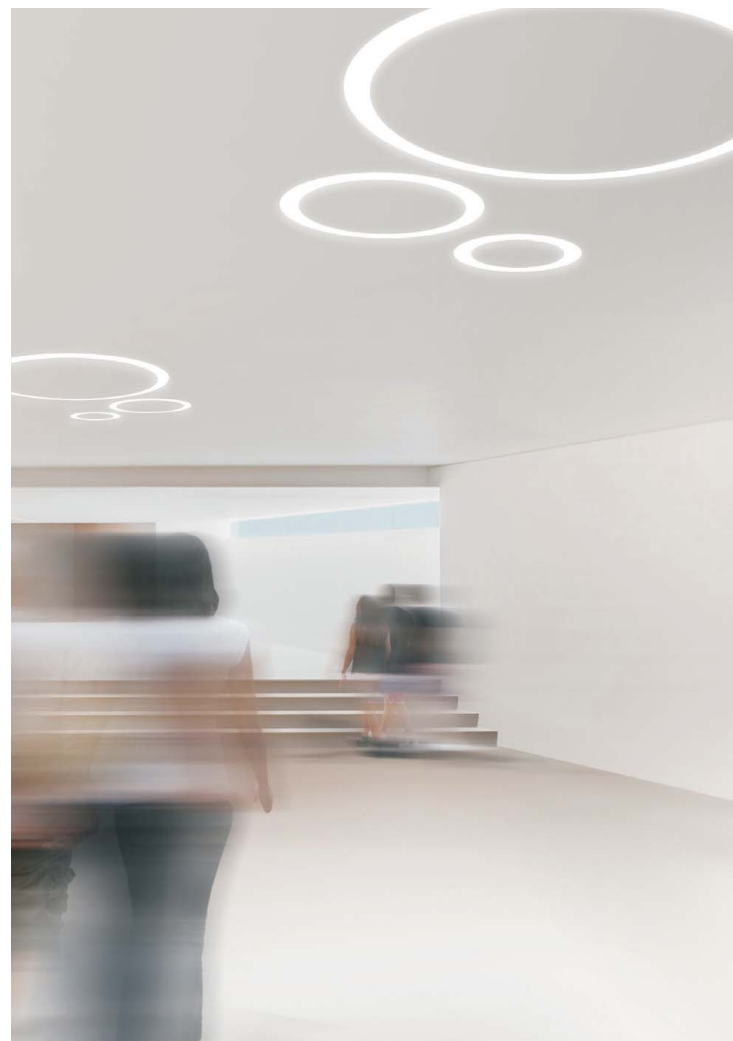
LED source efficacy up to 195lm/W (4000K)  
Luminaire efficacy up to 119lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



Ceiling Hole:  
 $\varnothing 565, \varnothing 655, \varnothing 1135, \varnothing 1425\text{mm}$

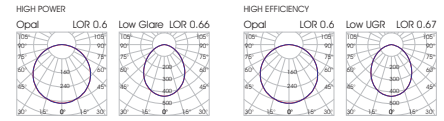
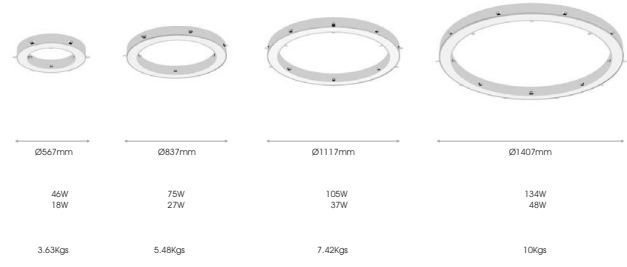




Model	Luminaire Colour	CCT	Watt / Diameter	CRI* LED Source	CRI* LED Source	Type	Voltage	Dimming Option	Extras	
ECLIPSE Trimless High Power <i>(ECLIPSE TR-HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>		> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i> Analogue <i>(A1)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>	Fuction Standard Emergency <i>(E)</i>
			46.2W / 58cm <i>(46W058)</i>	6910lm	7310lm	Low Glare <i>(LG)**</i>				
			75W / 85cm <i>(75W085)</i>	11070lm	11740lm					
			104.5W / 113cm <i>(105W113)</i>	15490lm	16390lm					
			134.1W / 142cm <i>(134W142)</i>	19960lm	21100lm					
ECLIPSE Trimless High Efficiency <i>(ECLIPSE TR-HE)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH EFFICIENCY</b>		> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i> Analogue <i>(A1)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>	Fuction Standard Emergency <i>(E)</i>
			17.6W / 58cm <i>(18W058)</i>	2940lm	3110lm	Low UGR <i>(LU)**</i>				
			26.7W / 85cm <i>(27W085)</i>	4450lm	4720lm					
			37.2W / 113cm <i>(37W113)</i>	6230lm	6590lm					
			47.8W / 142cm <i>(48W142)</i>	8020lm	8480lm					

\* Available in CR90 upon request.  
\*\* Low Glare (UGR < 20.8), Low UGR (UGR < 18)

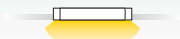
Ordering Code Example: ECLIPSE TR HE-WH-30-48W142-80-LU-230-ND-0



# LOOP TR (Trimless)



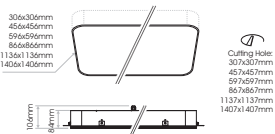
- LOOP is a complete series of square with rounded corners luminaires available for surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 21,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18,6\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

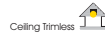


LED source efficacy up to 197lm/W (4000K)  
Luminaire efficacy up to 132lm/W (4000K)

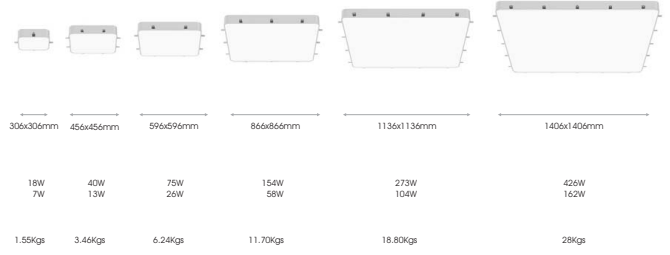
- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



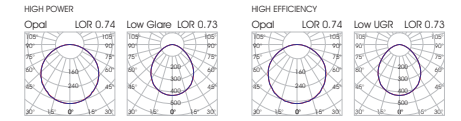


Model	Luminaire Colour	CCT	Watt / Diameter	CR1* LED Source	CR1* LED Source	Type	Voltage	Dimming Option	Extras			
<b>LOOP Trimless High Power</b> <i>(LOOP TR HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 (80) <b>3000K</b>	> 80 (80) <b>4000K</b>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(S)</i>			
			17.6W / 30x30cm <i>(18W/3030)</i>	2650lm	2780lm	Low Glare <i>(LG)**</i>	Analogue <i>(1-10V)</i> <i>(A1)</i>	Emergency <i>(E)</i>				
			39.5W / 45x45cm <i>(40W/4545)</i>	5850lm	6160lm		DALI <i>(DL)</i>					
			75W / 59x59cm <i>(75W/5959)</i>	10720lm	11270lm		Wireless <i>(WL)</i>					
			153.5W / 86x86cm <i>(154W/8686)</i>	22150lm	23290lm							
			272.8W / 113x113cm <i>(273W/113113)</i>	39380lm	41400lm							
			426.3W / 140x140cm <i>(426W/140140)</i>	61540lm	64700lm							
			<hr/>									
			<b>LOOP Trimless High Efficiency</b> <i>(LOOP TR HE)</i>	White <i>(WH)</i>	4000K <i>(40)</i>	<b>HIGH EFFICIENCY</b>	> 80 (80) <b>3000K</b>	> 80 (80) <b>4000K</b>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(S)</i>
						6.6W / 30x30cm <i>(6.7W/3030)</i>	1130lm	1180lm	Low UGR <i>(LU)**</i>	Analogue <i>(1-10V)</i> <i>(A1)</i>	Emergency <i>(E)</i>	
13.4W / 45x45cm <i>(13.6W/4545)</i>	2250lm	2370lm					DALI <i>(DL)</i>					
25.9W / 59x59cm <i>(26W/5959)</i>	4200lm	4410lm					Wireless <i>(WL)</i>					
58.3W / 86x86cm <i>(58W/8686)</i>	9450lm	9930lm										
103.7W / 113x113cm <i>(104W/113113)</i>	16790lm	17650lm										
162W / 140x140cm <i>(162W/140140)</i>	26230lm	27580lm										



\* Available in CR190 upon request.  
\*\* Low Glare (UGR<21.8), Low UGR (UGR<18.6)

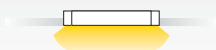
Ordering Code Example: LOOP TR HP-WH-30-154W/8686-80-LG-230-ND-0



# ORBIT TR (Trimless)



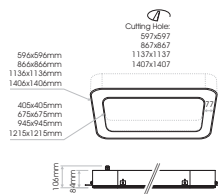
- ORBIT is a complete series of square with rounded corners luminaires available in surface, pendant, recessed and trimless application.
- The trimless version offers an elegant aesthetically solution for small and large scale projects.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: White (RAL9003)
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



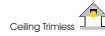
**LED source efficacy up to 197lm/W (4000K)**  
**Luminaire efficacy up to 120lm/W (4000K)**

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20



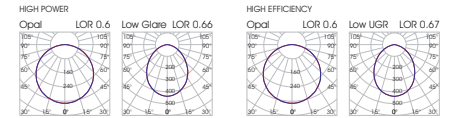
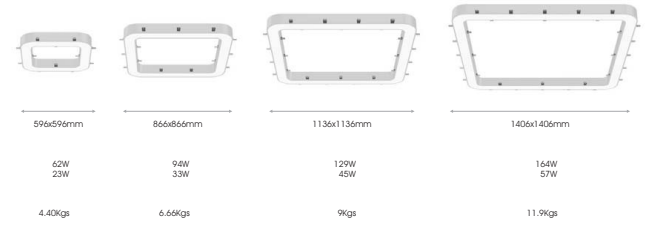




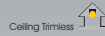
Model	Luminaire Colour	CCT	Watt / Diameter	CR*	CR*	Type	Voltage	Dimming Option	Extras		
				LED Source	LED Source						
<b>ORBIT Trimless High Power</b> <i>(ORBIT TR HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(S)</i>		
				3000K	4000K					Low Glare <i>(LG)</i> **	
				61.6W / 59x59cm <i>(62W5959)</i>	9210lm						9750lm
				93.6W / 86x86cm <i>(94W8686)</i>	14050lm						14850lm
128.7W / 113x113cm <i>(129W113113)</i>	19320lm	20430lm									
163.9W / 140x140cm <i>(164W140140)</i>	24590lm	26000lm									
<b>ORBIT Trimless High Efficiency</b> <i>(ORBIT TR HE)</i>	White <i>(WH)</i>	4000K <i>(40)</i>	<b>HIGH EFFICIENCY</b>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Dimmable <i>(D)</i>	Function Standard <i>(S)</i>		
				3000K	4000K					Low UGR <i>(LU)</i> **	
				23.4W / 59x59cm <i>(23W5959)</i>	3920lm						4150lm
				32.8W / 86x86cm <i>(33W8686)</i>	5550lm						5880lm
45.1W / 113x113cm <i>(45W113113)</i>	7550lm	8090lm									
57.4W / 140x140cm <i>(57W140140)</i>	9730lm	10290lm									

\* Available in CR90 upon request.  
\*\* Low Glare (UGR < 20,8), Low UGR (UGR < 18)

Ordering Code Example: ORBIT TR HP-WH-30-94W/8686-80-LG-230-ND-0



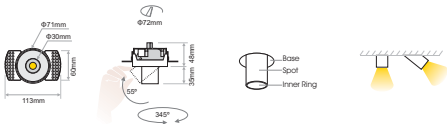
# REFORM 30 TR



# REFORM 30 TR



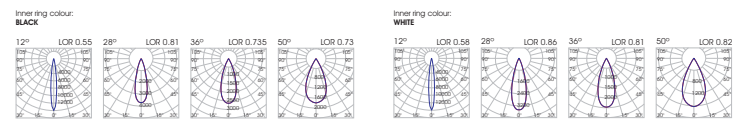
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb, Softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90B10 50000h
- Low UGR ensuring visual comfort (UGR < 14 /black inner ring).



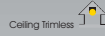
Model	LED Power	CCT*	CRI90, C9190 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
<b>REFORM 30 Trimless</b> <i>(REFORM 30 TR)</i>	<b>3W</b> (3)	2700K (27C)	310m	250m	12° (12)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (S) Honeycomb (H) Softening lens (L)
		3000K (30C)	310m	265m					
		4000K (40C)	330m	290m					
		5000K (50C)	360m	310m					
	<b>5.8W</b> (6)	2700K (27C)	615m	500m					
		3000K (30C)	615m	530m					
		4000K (40C)	665m	575m					
		5000K (50C)	715m	615m					
	<b>3W</b> (3)	2700K (27C)	396m	320m	28° (28)				
		3000K (30C)	396m	342m					
		4000K (40C)	428m	369m					
		5000K (50C)	428m	396m					
<b>6.3W</b> (6)	2700K (27C)	669m	540m						
	3000K (30C)	669m	577m						
	4000K (40C)	722m	623m						
	5000K (50C)	722m	669m						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
 \*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 30 TR-3-40C-80-36-AD-WWB-00-00



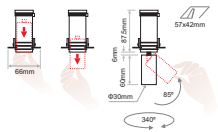
# REFORM 30 IN-OUT TR



# REFORM 30 IN-OUT TR



- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3 watt and 6 watt.
- Beam angle varies from 12 to 50 degrees.
- Accessories available: honeycomb, softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Trimless luminaire cutout.
- 3 SDCM
- L90@10 5000h
- Low UGR ensuring visual comfort (UGR < 14 [black inner ring]).
- Constant current 350mA @3W / 700mA @ 6.3W.



Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories	
			80 (80)	90 (90)						
<b>REFORM 30 IN-OUT Trimless</b> <small>(REFORM 30 IO TR)</small>	<b>3W</b> (3)	2700K (27C)	310lm	250lm	12° (12)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00)	Standard (S) Honeycomb (H) Softening lens (Z)	
		3000K (30C)	310lm	265lm						
		4000K (40C)	330lm	290lm						
		5000K (50C)	360lm	310lm						
		2700K (27C)	615lm	500lm						
		3000K (30C)	615lm	530lm						
	<b>5.8W</b> (6)	4000K (40C)	665lm	575lm						
		5000K (50C)	715lm	615lm						
		<b>3W</b> (3)	2700K (27C)	396lm	320lm	28° (28)				
			3000K (30C)	396lm	342lm					
			4000K (40C)	428lm	369lm					
		<b>6.3W</b> (6)	5000K (50C)	428lm	396lm					
2700K (27C)	669lm		540lm							
3000K (30C)	669lm		577lm							
	4000K (40C)	722lm	623lm	36° (36)						
	5000K (50C)	722lm	669lm							

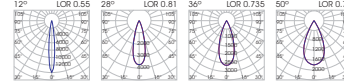
\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example: REFORM 30 IO TR-3-40C-80-36-AD-IWB-00-10



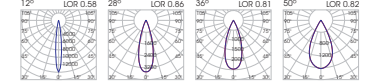
Inner ring colour:

**BLACK**

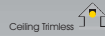


Inner ring colour:

**WHITE**



# REFORM 52 TR



# REFORM 52 TR

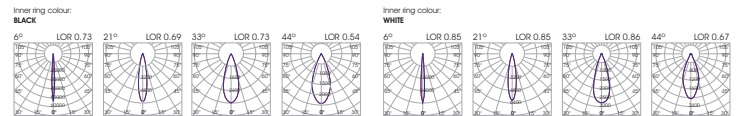
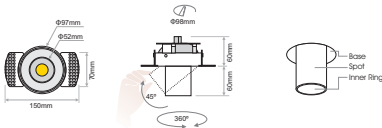


Model	LED Power	CCT*	CR80, CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)				
<b>REFORM 52 Trimless</b> <i>(REFORM 52 TR)</i>	<b>8.2W</b> (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3)
		3000K (30C)	779lm	673lm				
		4000K (40C)	841lm	726lm				
	5000K (50C)	903lm	779lm					
	<b>12W</b> (12)	2700K (27C)	1590lm	1380lm	21° (21)	Adjustable (AD)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless ** (WL)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3)
		3000K (30C)	1740lm	1485lm				
4000K (40C)		1830lm	1590lm					
5000K (50C)	1740lm	1590lm						

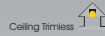
\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFORM 52 TR-12-40C-80-33-AD-WLB-00-01

- Reform 52 is a complete series of downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



# REFORM 52 IN-OUT TR



# REFORM 52 IN-OUT TR

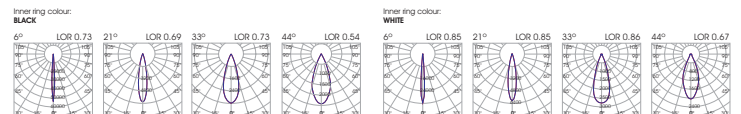
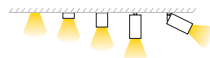
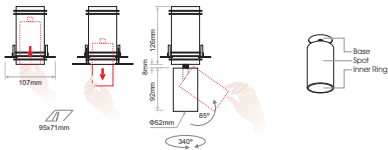


Model	LED Power	CCT*	CRI*	CR80, CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
				80 (83)	90 (93)				
<b>REFORM 52 IN-OUT Timless</b> <i>(REFORM 52 IO TR)</i>	<b>8.2W</b> (8)	2700K (27C)	779lm	628lm	6° (06)	Adjustable (AD)	Base White (W) Black (B) Spot White (W) Black (B) Inner Ring White (W) Black (B)	Without Driver (00)	Standard (0) Honeycomb (1) Line spread lens (2) Softening lens (3)
		4000K (40C)	841lm	726lm					
		5000K (50C)	903lm	779lm					
	<b>12W</b> (12)	2700K (27C)	1590lm	1380lm	21° (21)				EXTRAS No Extras (0) Emergency (1)
4000K (40C)		1740lm	1485lm						
5000K (50C)		1830lm	1590lm						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.

Ordering Code Example:  
REFORM 52 IO TR-12-40C-80-33-AD-WWB-00-01

- Reform 52 is a complete series of miniaturized downlights available recessed, timeless or surface.
- It is available in round form.
- Power consumption: 8.2 watt and 12 watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Timless luminaire cutout.
- 3 SDCM
- L90@10 50000h
- Low UGR ensuring visual comfort (UGR<12 (black inner ring).
- Constant current 350mA @8.2W / 700mA @ 12W.



## HIDE TR Series



- HIDE is a series of downlights available either recessed or trimless.
- It is available either round or square.
- It is adjustable and rotatable.
- It is offered in standard or deep version offering extra visual comfort.
- Power consumption: varies from 3 to 18 watt.
- Beam angle: varies from 9° to 50 degrees.
- HIDE DEEP version is also available GU10 or LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaire outer trim material: aluminium.
- Outer trim available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/B10 50000h
- Low UGR ensuring visual comfort (UGR < 15 for DEEP version models).
- Selection of IP protection: either IP20 or IP54 (face only).



## HIDE TR Series

### HIDE

TR Round



TR Square



TR Square Double



DEEP TR Round



DEEP TR Square



DEEP TR Square Double



### HIDE MINI

TR Round



TR Square



DEEP TR Round



DEEP TR Square



# HIDE TR Series



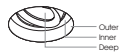
# HIDE TR Series

## HIDE



Name	Shape	Model	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (80) 90 (90)			
<b>HIDE TR</b> (HIDE TR)	Round (RD)	<b>Low Depth 7W</b> (LD7)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	930mm 762mm 960mm 792mm 1020mm 840mm 1020mm 840mm	30° (30) DEEP** 27° (27)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)
<b>HIDE TR DEEP</b> (HIDE TR DEEP)	Square (SQ)	<b>Standard 6.2W</b> (S6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 568mm 713mm 608mm 760mm 656mm 736mm 704mm	19° (19) 35° (35) 50° (50) DEEP** 17° (17)	<b>COVER</b> Standard (01) Honeycomb (11) Linear Spread (21) Softening Lens (31)
	Square Double* (S2D)	<b>Standard 12.2W</b> (S12)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1590mm 1380mm 1710mm 1485mm 1830mm 1590mm 1710mm 1590mm	30° (30) 49° (49)	<b>IP RATE</b> IP20 (10) IP54 (11)
		<b>Standard 18W</b> (S18)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2067mm 1794mm 2233mm 1931mm 2379mm 2067mm 2233mm 2067mm	30° (30) 49° (49)	<b>EXTRAS</b> No Extras (00) Emergency Kit (11)
		<b>Narrow Beam 6W</b> (N6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	616mm 497mm 616mm 532mm 665mm 574mm 714mm 616mm	9° (9)	
		<b>Narrow Beam 8W</b> (N8)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	792mm 639mm 792mm 684mm 855mm 738mm 918mm 792mm		
		<b>Zoom 6.4W</b> (ZM6)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	704mm 568mm 713mm 608mm 760mm 656mm 736mm 704mm	22°-50° (2250)	
		<b>Zoom 13W</b> (ZM13)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	1306mm 1098mm 1360mm 1150mm 1435mm 1236mm 1453mm 1236mm		
		<b>Warm Dimming 0.2-6W</b> (WD6)	1800K-3000K (18300)	636mm 518mm	19° (19) 35° (35) 50° (50) DEEP** 17° (17)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless*** (WL)
		<b>Warm Dimming 12W</b> (WD12)	1800K-3000K (18300)	1246mm 1045mm	30° (30) 49° (49)	
		<b>Tunable White 5.9W</b> (TW6)	2700K-5000K (27508)	585mm (both CCT's driven)		DALI (DL) Wireless*** (WL)
		<b>Tunable White 11.5W</b> (TW12)	2700K-5000K (27508)	987mm (both CCT's driven)		

\*HIDE Square Double option example: HIDE RC SQD-ST6-30C-35-WWW-00-000 will be with 2pcs from ST6 modules. \*\* Beam angle only for DEEP version. \*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.



Ordering Code Example: HIDE TR-RD-ST18-30C-80-35-WWW-DL-100

## HIDE MINI

Name	Shape	Model	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
				80 (80) 90 (90)				
<b>HIDE MINI TR</b> (HIDE MINI TR)	Round (RD)	<b>Standard 3W</b> (ST3)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	396mm 320mm 342mm 342mm 369mm 369mm 396mm 396mm	27° (27) 35° (35) 47° (47)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	<b>COVER</b> Standard (01) Honeycomb (11) Linear Spread (21) Softening Lens (31)
<b>HIDE MINI TR DEEP</b> (HIDE MINI TR DEEP)	Square (SQ)	<b>Standard 4.3W</b> (ST4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	528mm 426mm 528mm 456mm 570mm 492mm 528mm 528mm	DEEP* 25° (25) 30° (30) 38° (38)	<b>IP RATE</b> IP20 (10) IP54 (11)	<b>EXTRAS</b> No Extras (00) Emergency Kit (11)
		<b>Narrow Beam 4W</b> (NB4)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	2700K (27C) 3000K (30C) 4000K (40C) 5000K (50C)	440mm 380mm 475mm 410mm 510mm 410mm 440mm 440mm	13° (13)		



\*Beam angle only for DEEP version. \*\* Inner Case applicable only for DEEP versions. \*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

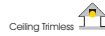
Ordering Code Example: HIDE MINI TR DEEP-RD-ST4-30C-80-38-WWW-DL-100

## HIDE DEEP LL

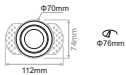
Model	Shape	Luminaire Colour	Lamp Holder	Accessories
<b>HIDE TR DEEP LL</b> (HIDE TR DEEP LL)	Round (RD) Square (SQ) Square Double (S2D)	[XXX]	GU10 (max 7.5W) (G1)	<b>COVER</b> Standard (01) Honeycomb (11) Linear Spread (21) Softening Lens (31) <b>IP RATE</b> IP20 (10) IP54 (11)



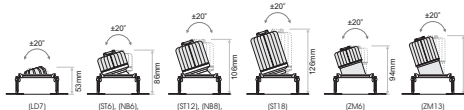
Ordering Code Example: HIDE TR DEEP LL-RD-WWW-G1-10



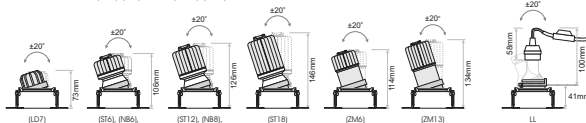
HIDE



HIDE TR Round



HIDE DEEP TR Round



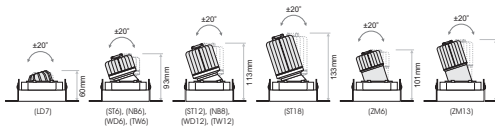
94x94mm



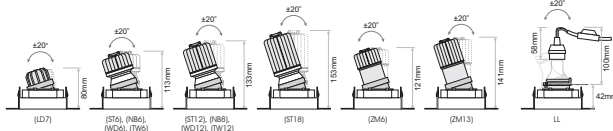
HIDE TR Square  
HIDE TR Square Double



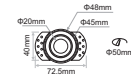
185x94mm



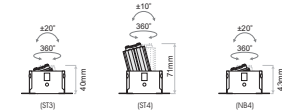
HIDE DEEP TR Square  
HIDE DEEP TR Square Double



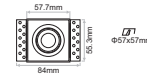
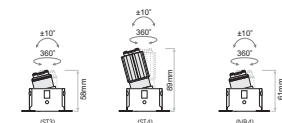
HIDE MINI



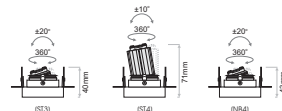
HIDE MINI TR Round



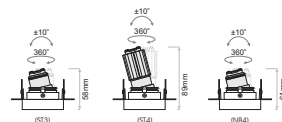
HIDE MII DEEP TR Round



HIDE MINI TR Square



HIDE MII DEEP TR Square



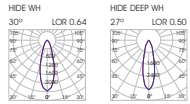


## HIDE TR Series

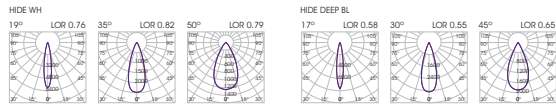


### HIDE

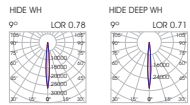
#### LD7



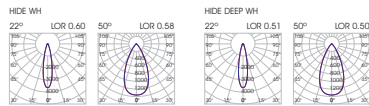
#### ST6/ ST12/ ST18/ WD6/ WD12/ TW6/ TW12



#### NB6/ NB8

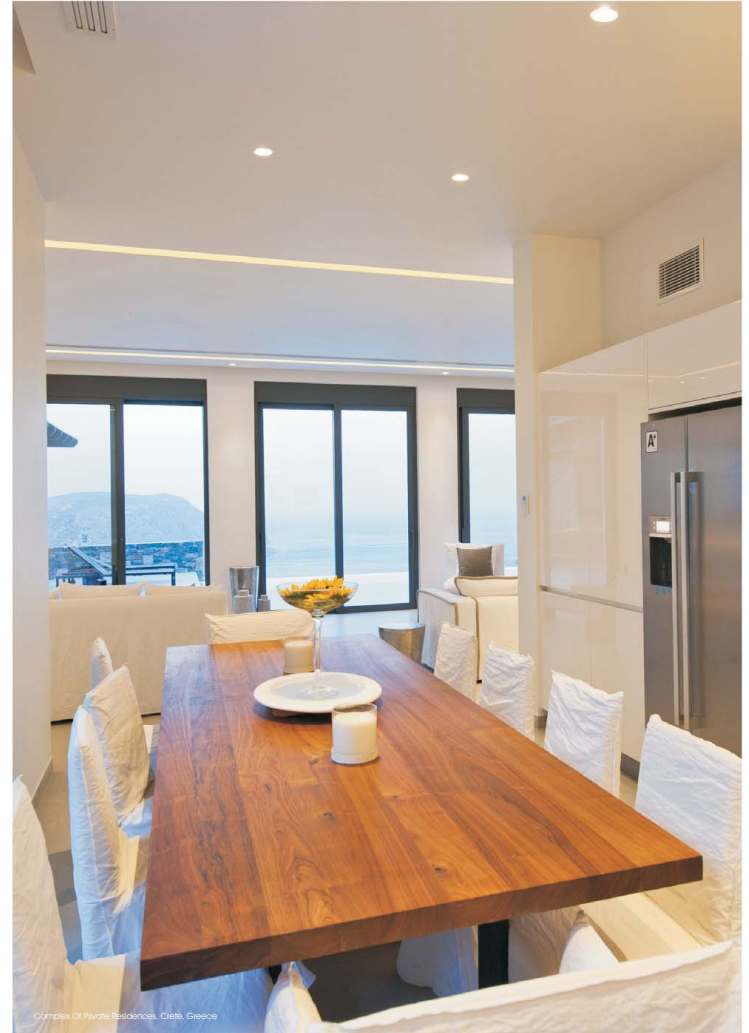
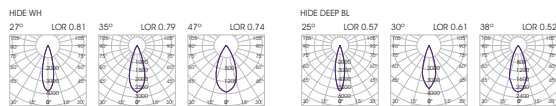


#### ZM6/ ZM13



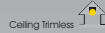
### HIDE MINI

#### ST3 / ST4



Complex Of Private Residences, Crete, Greece

# WHISPER TR Series



- Whisper is a high aesthetically downlight.
- It is offered either recessed or trimless.
- It is available either round or square.
- WHISPER DEEP version is also available for GU10 LED lamps.
- Luminaires outer trim material: aluminium.
- 3 SDCM
- L90/B10 5000h
- Low UGR ensuring visual comfort (UGR < 15).
- Selection of IP protection: either IP20 or IP54 (face only).



# WHISPER TR Series



Name	Shape*	Model	CCT			CB80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories	
<b>WHISPER TR</b> <i>(WHISPER TR)</i>	Round <i>(RD)</i>	<b>Low Depth 7W</b> <i>(LD7)</i>	2700K (27C)	930lm	762lm	80 (80)	90 (90)	White (WH)	Without Driver	Non Dimmable	
			3000K (30C)	960lm	792lm						Without Driver
	Square <i>(SQ)</i>	<b>Standard 6.2W</b> <i>(S18)</i>	4000K (40C)	1020lm	840lm	5000K (50C)	1020lm	18° (18)	37° (37)	52° (52)	DALI (DL)
			2700K (27C)	704lm	568lm						
	Standard 12.2W <i>(S12)</i>	3000K (30C)	713lm	608lm	5000K (50C)	736lm	704lm	18° (18)	37° (37)	52° (52)	Phase Cut (PC)
		4000K (40C)	760lm	656lm							
	Standard 18W <i>(S18)</i>	2700K (27C)	1590lm	1380lm	5000K (50C)	1710lm	1590lm	18° (18)	37° (37)	52° (52)	Wireless** (WL)
		3000K (30C)	1710lm	1485lm							
	Standard 18W <i>(S18)</i>	4000K (40C)	1830lm	1590lm	5000K (50C)	1710lm	1590lm	18° (18)	37° (37)	52° (52)	DALI (DL)
		2700K (27C)	2067lm	1794lm							
	Narrow Beam 6W <i>(NB6)</i>	2700K (27C)	616lm	497lm	5000K (50C)	714lm	616lm	9° (9)	37° (37)	52° (52)	Phase Cut (PC)
		3000K (30C)	616lm	532lm							
Narrow Beam 8W <i>(NB8)</i>	2700K (27C)	792lm	639lm	5000K (50C)	918lm	792lm	9° (9)	37° (37)	52° (52)	Wireless** (WL)	
	3000K (30C)	792lm	684lm								Without Driver
Zoom 6.4W <i>(ZM6)</i>	2700K (27C)	704lm	568lm	5000K (50C)	736lm	704lm	22°-50° <i>(2250)</i>	37° (37)	52° (52)	DALI (DL)	
	3000K (30C)	713lm	608lm								Push Button (PB)
Zoom 13W <i>(ZM13)</i>	2700K (27C)	1306lm	1098lm	5000K (50C)	1435lm	1236lm	22°-50° <i>(2250)</i>	37° (37)	52° (52)	Phase Cut (PC)	
	3000K (30C)	1360lm	1150lm								Softening Lens (SL)
Warm Dimming 0.2-6W <i>(WD6)</i>	90 (90)	1800K-3000K <i>(18308)</i>	636lm	518lm	90 (90)	95 (95)	18° (18)	37° (37)	52° (52)	Analogue (1-10V) (A1)	
											2700K (27C)
Warm Dimming 12W <i>(WD12)</i>	1800K-3000K <i>(18308)</i>	1246lm	1045lm	2700K-5000K <i>(27508)</i>	585lm	both CCT's driven	18° (18)	37° (37)	52° (52)	Phase Cut (PC)	
											2700K-5000K <i>(27508)</i>
Tunable White 5.9W <i>(TW6)</i>	2700K-5000K <i>(27508)</i>	585lm	both CCT's driven	2700K-5000K <i>(27508)</i>	987lm	both CCT's driven	18° (18)	37° (37)	52° (52)	DALI (DL)	
											2700K-5000K <i>(27508)</i>



\* WHISPER ADJ only available in round shape  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: WHISPER TR-RD-S18-30C-80-37-WH-DL-100



WHISPER DEEP LL

IP20 IP54

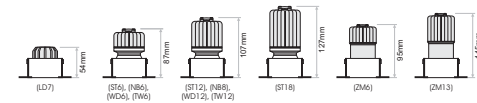
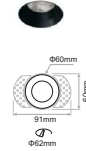
Model	Shape	Luminaire Colour	Lamp Holder	Accessories
<b>WHISPER TR DEEP LL</b> <i>(WHISPER TR DEEP LL)</i>	Round (RD) Square (SQ)	White (WH) Black (BK)	GU10 (max 7.5W) (G1)	<p>COVER</p> <ul style="list-style-type: none"> <li>Standard (D7)</li> <li>Honeycomb (LD7)</li> <li>Linear Spread (ST6)</li> <li>Softening Lens (ZM6)</li> </ul> <p>IP RATE</p> <ul style="list-style-type: none"> <li>IP20 (I0)</li> <li>IP54 (I1)</li> </ul>



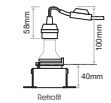
Ordering Code Example:  
WHISPER TR DEEP LL-RD-WW-G1-I0



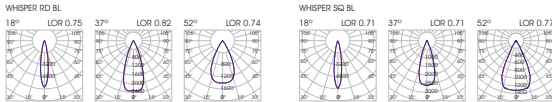
WHISPER TR Round



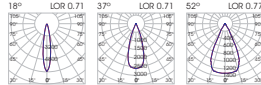
WHISPER TR DEEP Round



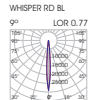
**ST6/ ST12/ ST18/ WD6/ WD12/ TW6/ TW12**



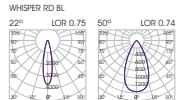
**WHISPER SQ BL**



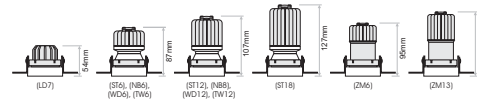
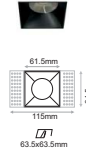
**NB6/ NB8**



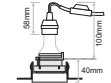
**ZM6/ ZM13**



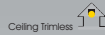
WHISPER TR Square



WHISPER TR DEEP Square



# CRUSH TR Series



- Crush is a downlight available either recessed or timeless.
- It is available in square or round form.
- Power consumption: varies from 6 to 18 watt.
- Beam angle: varies from 9 to 50 degrees.
- CRUSH is also available for GU10 LED lamps.
- Accessories available: honeycomb, linear spread lens, softening lens.
- Luminaires outer trim material: aluminium.
- Available in black or white as standard but custom colours also available upon request.
- 3 SDCM
- L90/θ10 5000h
- Low UGR ensuring visual comfort (UGR < 15).
- Selection of IP protection: either IP20 or IP54 (face only).



# CRUSH TR Series



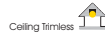
## CRUSH

Name	Model Watt per LED	CCT	CR80, CR90 LED Source	Beam Angle	Luminaire Colour	Dimming Option	Accessories
			80 (R0) 90 (R2)				
<b>CRUSH TR</b> (CRUSH TR)	<b>Low Depth 7W</b> (LD7)	2700K (27C)	930mm 762mm	30° (30)	White (WH) Black (BK)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless** (WL)	COVER Standard (0-0) Honeycomb (1-0) Linear Spread (2-0) Softening Lens (3-0)
		3000K (30C)	950mm 792mm				
		4000K (40C) 5000K (50C)	1020mm 840mm 1020mm 840mm				
<b>CRUSH TR Double*</b> (CRUSH TR DB)	<b>Standard 6.2W</b> (S12)	2700K (27C)	704mm 568mm	19° (19)			IP RATE IP20 (R0) IP54 (R1)
		3000K (30C)	713mm 608mm	35° (35)			
		4000K (40C) 5000K (50C)	760mm 656mm 736mm 704mm	50° (50)			
<b>CRUSH TR Round</b> (CRUSH TR RD)	<b>Standard 12.2W</b> (S12)	2700K (27C)	1590mm 1380mm				EXTRAS No Extras (E0) Emergency Kit (E1)
		3000K (30C)	1710mm 1485mm				
		4000K (40C) 5000K (50C)	1830mm 1590mm 1710mm 1590mm				
	<b>Standard 18W</b> (S18)	2700K (27C)	2067mm 1794mm				
		3000K (30C)	2223mm 1931mm				
		4000K (40C) 5000K (50C)	2379mm 2067mm 2223mm 2067mm				
	<b>Narrow Beam 6W</b> (NB6)	2700K (27C)	616mm 497mm	9° (09)			
		3000K (30C)	616mm 532mm				
		4000K (40C) 5000K (50C)	665mm 574mm 714mm 616mm				
	<b>Narrow Beam 8W</b> (NB8)	2700K (27C)	792mm 639mm				
		3000K (30C)	792mm 684mm				
		4000K (40C) 5000K (50C)	855mm 738mm 918mm 792mm				
	<b>Zoom 6.4W</b> (ZM6)	2700K (27C)	704mm 568mm	22°-50° (2250)			
		3000K (30C)	713mm 608mm				
		4000K (40C) 5000K (50C)	760mm 656mm 736mm 704mm				
	<b>Zoom 13W</b> (ZM13)	2700K (27C)	1306mm 1098mm				
		3000K (30C)	1360mm 1150mm				
		4000K (40C) 5000K (50C)	1435mm 1236mm 1453mm 1236mm				
	<b>Warm Dimming 0.2-6W</b> (WD5)	1800K-3000K (18308)	636mm 518mm	19° (19) 35° (35) 50° (50)			Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)
		1800K-3000K (18308)	1246mm 1045mm				
	<b>Warm Dimming 12W</b> (WD12)	1800K-3000K (18308)	1246mm 1045mm				
	<b>Tunable White 5.9W</b> (TW5)	2700K-5000K (27508)	585mm (both CCTs driven)				DALI (DL) Wireless** (WL)
	<b>Tunable White 11.5W</b> (TW12)	2700K-5000K (27508)	987mm (both CCTs driven)				



\*CRUSH TR Double option example: CRUSH TR DB-ST12-30C-35-WH-00-000 will be with 2pcs from ST12 modules.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: CRUSH TR-ST18-30C-80-50-WH-DL-100



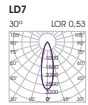
CRUSH LL



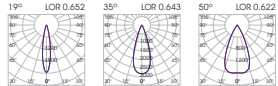
Model	Luminaire Colour:	Lamp Holder	Accessories
<b>CRUSH TR LL</b> <i>(CRUSH TR LL)</i>	White/White (MW) White/Black (WB) Black/Black (BB) Black/White (BW)	GU10 (max 7.5W) (G1)	<b>COVER</b> Standard (01) Honeycomb (14) Linear Spread (21) Softening Lens (31)
<b>CRUSH TR Double LL</b> <i>(CRUSH TR DB LL)</i>			<b>IP RATE</b> IP20 (10) IP54 (11)
<b>CRUSH TR Round LL</b> <i>(CRUSH TR RD LL)</i>			



Ordering Code Example:  
CRUSH TR LL-WW-G1-10



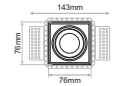
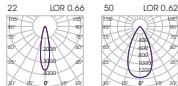
ST6/ ST12/ ST18/ WD6/ WD12/ TW6/ TW12



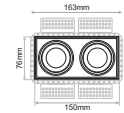
NB6/ NB8



ZM6/ ZM13



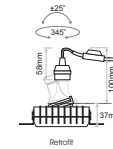
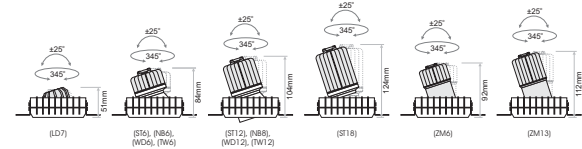
LD7 92x92mm



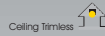
LD7 163x92mm



LD7 121x118mm



# POLAR TR



- Polar is a miniaturized downlight available either timeless or recessed.
- It is ideal in spaces with low depth ceiling due to its special design.
- It has a low UGR ensuring visual comfort (UGR < 1.6).
- It is available in round (8.2W, 12W, 18W) or square (8.2W).
- Body material: aluminium.
- Timless outer base: PC.
- 3 SDCM
- L90/B10 50.000h
- Selection of IP protection: either IP40 or IP44.



8.2W

12W

18W



# POLAR TR

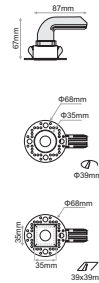


Model	LED Power	Type	IP Protection	CCT	CR80, CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	Extras	
					80 [80] 90 [90]						
<b>POLAR Timless</b> (POLAR TR)	<b>8.2W</b> [8]	Round [R]	IP40 [40]	2700K [27C]	792lm	639lm	12° [R1]	Fixed [FX]	White [WH] Black [BL]	Without Driver [00]	
				3000K [30C]	792lm	644lm	16° [R2]			Non Dimmable [ND]	
				3500K [35C]	855lm	644lm	20° [R3]			Phase Cut [PC]	
		Square [SQ]	IP44 [44]	4000K [40C]	855lm	738lm	30° [R4]			24V PWM Dimmable [24V]	
				5000K [50C]	918lm	792lm	44° [R5]			48V PWM Dimmable [48V]	
	<b>12W</b> [12]	Round [R]	IP40 [40]	2700K [27C]	1590lm	1380lm	18° [R6]		Without Driver [00]	Standard [00]	
				3000K [30C]	1710lm	1485lm	30° [R7]	Non Dimmable [ND]	Honeycomb [H1]		
				4000K [40C]	1630lm	1590lm	50° [R8]	Analogue (1-10V) [A1]			
				5000K [50C]	1710lm	1590lm		DMX [DM]			
								DALI [DLI]			
								Push Button [PB]			
<b>18W</b> [18]	Round [R]	IP40 [40]	2700K [27C]	2065lm	1795lm			Phase Cut [PC]			
			3000K [30C]	2225lm	1930lm		Wireless* [WL]				
			4000K [40C]	2380lm	2065lm		48V PWM Dimmable [48V]				
			5000K [50C]	2225lm	2065lm						

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

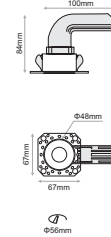
Ordering Code Example: POLAR TR-8-RD-44-30C-80-NR-FX-WH-00

8.2W



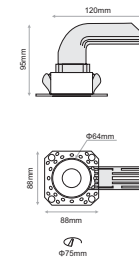
**IDC.022**  
Timless base for round version  
**IDC.025**  
Timless base for square version

12W

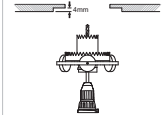


**IDC.215**  
Timless base

18W



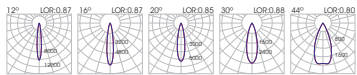
**IDC.216**  
Timless base



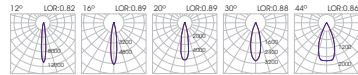
**ACR.061**  
Tool for POLAR Timless

8.2W

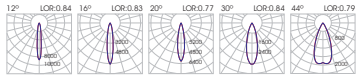
Round White



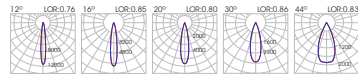
Square White



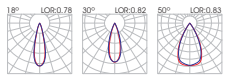
Round Black



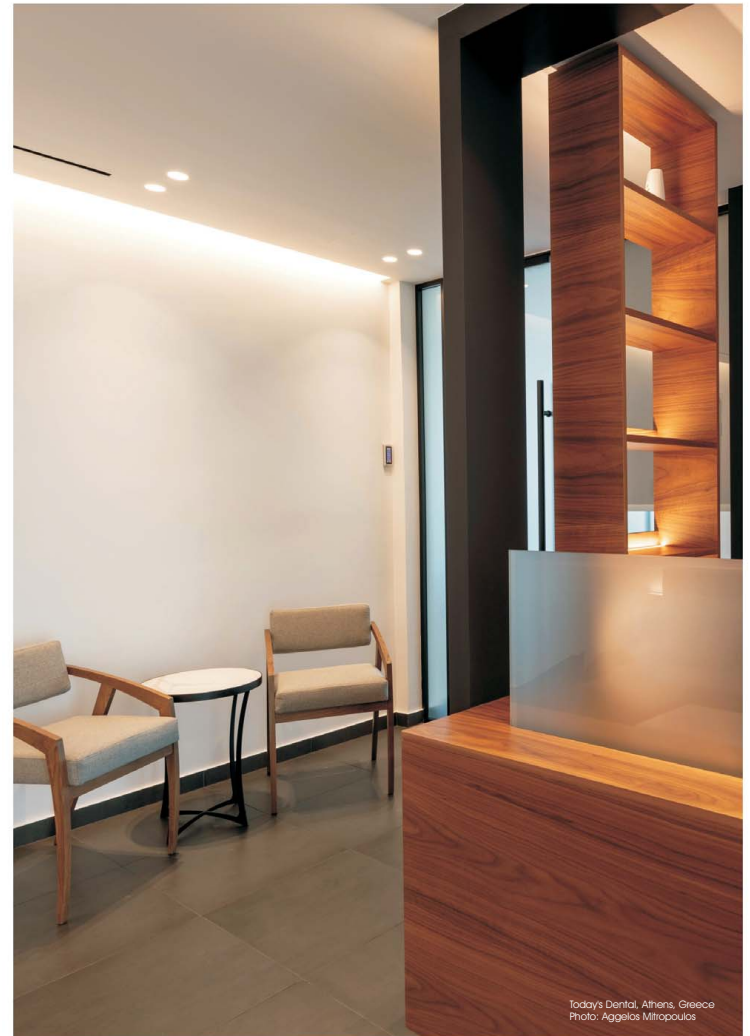
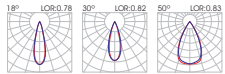
Square Black



12W

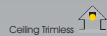


18W



Today's Dental, Athens, Greece  
Photo: Aggelos Mitropoulos

# LIMIT TR IP67/IP66



- LIMIT 67/66 is an elegant waterproof timeless or recessed downlight available in 3 different sizes.
- Most models may also be 911 27mm lowered from the ceiling offering a special note to any space.
- The series offers low UGR ensuring visual comfort.
- Available in either black or white colour.
- It offers a selection of dimming options.
- 3 50°C/M
- L90/B10 50.000h
- IP Protection: IP67/IP66



# LIMIT TR IP67/IP66



6.4W

12.8W

8.8W



position 1

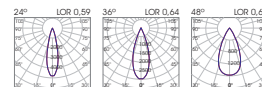
position 2

Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Colour	Dimming Option	Accessories		
			80 (80)	90 (90)							
LIMIT TR (LIMIT TR)	6.4W (04)	2700K (278)	793lm	655lm	24° (24)	Fixed (FX)	White (WH) Black (BK)	Without Driver (00)	No Extras (0)		
		3000K (308)	843lm	684lm	36° (36)			Non Dimmable (ND)	Emergency (1)		
		4000K (408)	867lm	724lm	48° (48)			Analogue (1-10V) (A1)	Honeycomb (2)		
		5000K (508)	878lm	759lm				DMX (DX)			
	8.8W (09)	2700K (278)	1204lm	993lm	17° (17)					DALI (DL)	
		3000K (308)	1279lm	1038lm	24° (24)					Push Button (PB)	
		4000K (408)	1316lm	1098lm	36° (36)					Phase Cut (PC)	
		5000K (508)	1331lm	1151lm	48° (48)					Wireless** (WL)	
	12.8W (13)	2700K (278)	1678lm	1384lm							
		3000K (308)	1783lm	1447lm							
		4000K (408)	1835lm	1531lm							
		5000K (508)	1857lm	1605lm							

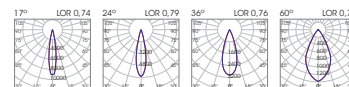
\* Models with CCTs of 3500K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT TR-09-408-90-60-FX-WH-DL-0

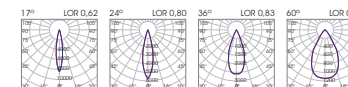
## 6.4W



## 8.8W

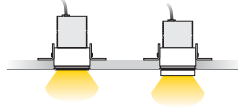
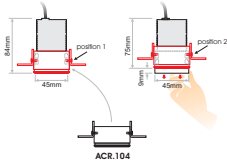


## 12.8W

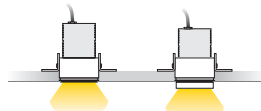
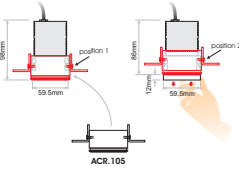
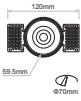




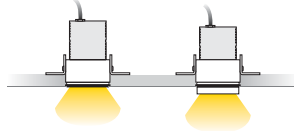
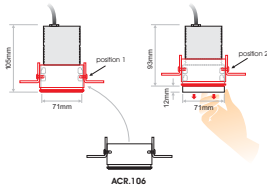
6.4W



8.8W



12.8W



- LIMIT 20/44 is an elegant trimless or recessed downlight available in different sizes.
- Most models may also be 7/12mm lowered from the ceiling offering a special note to any space.
- LIMIT TR is also available adjustable in 8.7Watt or 12.0Watt.
- The series offers low UGR ensuring visual comfort.
- It is available in either black or white colour.
- It offers a selection of dimming options.
  - 3 Stages
  - L90/B10 50,000h
- IP Protection: IP20 or IP44 (face only).

4.7W & 6.9W



6.4W



8.8W



12.8W & 17W



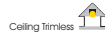
12.6W Adjustable



position 1

position 2

LIMIT TR IP20/IP44

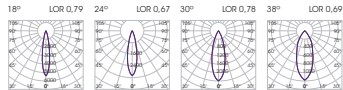


Model	LED Power	CCT**	CB80, CB90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
<b>LIMIT TR IP20</b> (LOR 0.79)	<b>4.7W</b> (05)	2700K (2/78) 3000K (3/08) 4000K (4/08)	480lm 510lm 525lm	18° (18) 24° (24) 30° (30)	Fixed (FX)	White (WH) Black (BL)	Without Driver*** (D0)	No Extras (E) Emergency (E1)
<b>LIMIT TR IP44*</b> (LOR 0.79)	<b>6.9W</b> (07)	2700K (2/78) 3000K (3/08) 4000K (4/08)	645lm 690lm 710lm	18° (18) 24° (24) 38° (38)				
	<b>6.4W</b> (04)	2700K (2/78) 3000K (3/08) 4000K (4/08) 5000K (5/08)	793lm 843lm 867lm 878lm	19° (19) 25° (25) 36° (36) 45° (45)			Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (D1) DALI (D2) Push Button (PB) Phase Cut (PC) Wireless**** (W1)	
	<b>8.8W</b> (09)	2700K (2/78) 3000K (3/08) 4000K (4/08) 5000K (5/08)	1204lm 1279lm 1316lm 1331lm	19° (19) 25° (25) 36° (36) 55° (55)				
	<b>12.8W</b> (13)	2700K (2/78) 3000K (3/08) 4000K (4/08) 5000K (5/08)	1770lm 1880lm 1933lm 1955lm	19° (19) 25° (25) 36° (36) 55° (55)				
	<b>17W</b> (17)	2700K (2/78) 3000K (3/08) 4000K (4/08) 5000K (5/08)	2526lm 2680lm 2750lm 2790lm	19° (19) 25° (25) 36° (36) 55° (55)				
<b>LIMIT TR IP44*</b> (LOR 0.79)	<b>8.7W</b> (09)	2700K (2/78) 3000K (3/08) 4000K (4/08) 5000K (5/08)	1235lm 1314lm 1355lm 1370lm	18° (18) 30° (30) 50° (50)	Adjustable (AJ)		Non Dimmable (ND) Analogue (1-10V) (A1) DMX (D1) DALI (D2) Push Button (PB) Phase Cut (PC) Wireless**** (W1)	
	<b>12.6W</b> (13)	2700K (2/78) 3000K (3/08) 4000K (4/08) 5000K (5/08)	1650lm 1750lm 1805lm 1825lm	18° (18) 30° (30) 50° (50)				

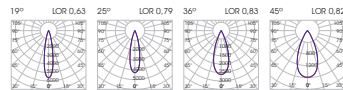
\*\* Models with CCTs of 3500K & 6500K are available upon request.  
\*\*\* Driver, Emergency kit, battery replacement accessibility of emergency kit should be considered as the kit does not pass through the Timless luminaire cutout.  
\*\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMIT TR20-09-40B-90-45-FX-WH-DL-0

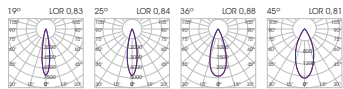
4.7W / 6.9W



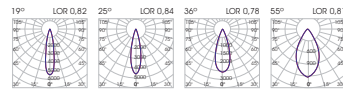
6.4W



8.8W

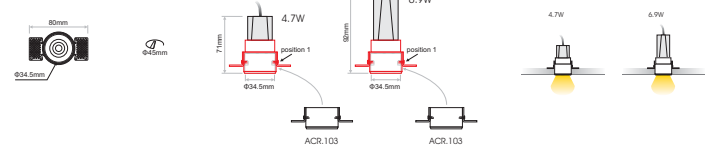


12.8W / 17W

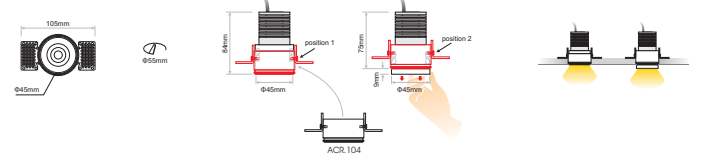


LIMIT TR IP20/IP44

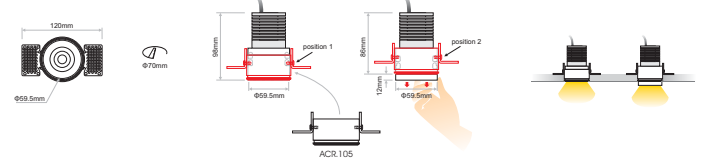
4.7W & 6.9W



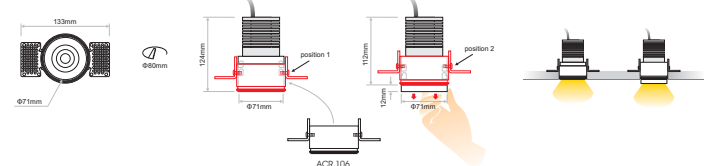
6.4W



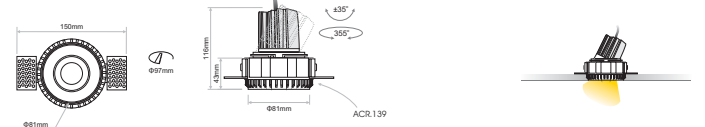
8.8W

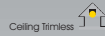


12.8W & 17W



12.6W Adjustable





Name	Model (LED Power)	CCT*	CR80, CR90 LED Source	Beam Angle	Type	Colour	Dimming Option	Accessories
			80 (80) 90 (90)					
<b>FOCUS Trimless</b> <i>(FOCUS TR)</i>	<b>6.1W</b> <i>(6)</i>	2700K (27B)	812mm 677mm	18° (18)	Adjustable (AD)	White (WH)	Without Driver (D)	No Extra
		3000K (30B)	845mm 705mm	24° (24)	Fixed (FX)	Black (BL)	Non Dimmable (ND)	Emergency Kit (E)
		4000K (40B)	879mm 733mm	32° (32)		Gold (G)	Analogue (1-10V) (A1)	
	<b>10.3W</b> <i>(10)</i>	2700K (27B)	1379mm 1138mm	18° (18)			DMX (DX)	
3000K (30B)		1435mm 1180mm	24° (24)			DALI (DL)		
	4000K (40B)	1479mm 1265mm	32° (32)			Push Button (PB)		
				48° (48)		Phase Cut (PC)		
						Wireless*** (WL)		
			95 (95)					
	<b>Warm Dimming 6.1W</b> <i>(WD)</i>	1800K-3000K (18,30B)	518mm				Analogue (1-10V) (A1)	
							DALI (DL)	
							Phase Cut (PC)	
							Wireless*** (WL)	

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

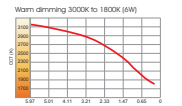
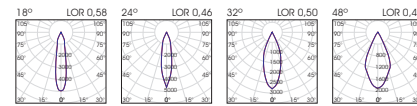
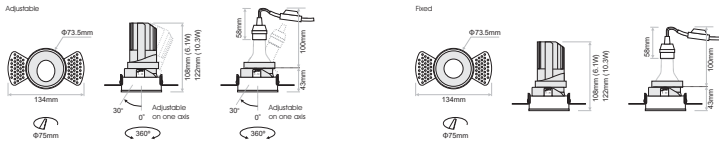
Ordering Code Example: FOCUS TR-6-30B-90-32-AD-B-00-00

- Focus is a series of trimless downlights.
- Offered with IP44 LED module or with GU10 lampholder (max 7.5 Watt).
- Available either fixed or adjustable.
- Inner part available in white, black, gold or silver colour.
- Inner part available in white, black, gold or silver colour.
- 3 SDCM
- L90B10.50.000h
- Low UGR ensuring visual comfort (UGR < 10).

Model	Type	Colour	Lamp Holder
<b>FOCUS Trimless LL</b> <i>(FOCUS TR LL)</i>	Adjustable (AD) Fixed (FX)	White (WH) Black (BL) Gold (GL) Silver (SL)	GU10 (max 7.5W) (G1)



Ordering Code Example: FOCUS TR LL-FX-WH-BL-G1





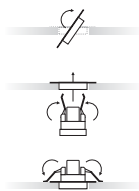
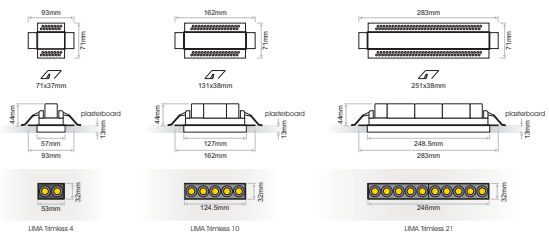
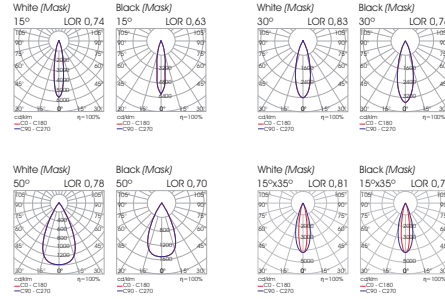
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or timeless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50,000h
- Low UGR (UGR<1.6 /black mask, UGR<1.9 /white mask).
- Constant current
- Indoor use: IP40



Model (LED Power)	CCT	CR80, CR90 LED Source	Type	Beam Angle	Luminaire Colour: Trim/Mask	Dimming Option	Accessories
<b>LIMA 4W Timless</b> <i>(LIMA 4 TR)</i>	2700K (27C)	528lm	404lm	Fixed (FX)	White (WH) Black (BK)	Without Driver (OD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (D1) ↓ (X3) ↑ EXTRAS No Extras (E0) Emergency Kit (E1)
	3000K (30C)	528lm	494lm				
	4000K (40C) 6500K (65C)	528lm 528lm	-				
<b>LIMA 10W Timless</b> <i>(LIMA 10 TR)</i>	2700K (27C)	1320lm	1160lm				
	3000K (30C)	1320lm	1235lm				
	4000K (40C) 6500K (65C)	1405lm 1480lm	1320lm -				
<b>LIMA 21W Timless</b> <i>(LIMA 21 TR)</i>	2700K (27C)	2640lm	2320lm				
	3000K (30C)	2640lm	2470lm				
	4000K (40C) 6500K (65C)	2810lm 2960lm	2640lm -				

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LIMA 10 TR-30C-80-FX-50-WH-ND-00



# LIMA WASH TR



# LIMA WASH TR

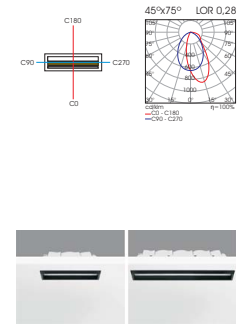
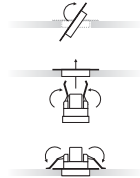
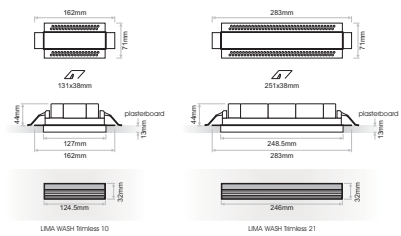
- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50,000h
- Constant current
- Indoor use: IP40



Model (LED Power)	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Luminaire Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
<b>LIMA WASH 10W Trimless</b> <i>(LIMA W10 TR)</i>	2700K (27C)	1320lm	1160lm	Fixed (FX)	45°x75° (45)	Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (01)  <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
	3000K (30C)	1320lm	1235lm					
	4000K (40C)	1405lm	1320lm					
	6500K (65C)	1480lm	-					
<b>LIMA WASH 21W Trimless</b> <i>(LIMA W21 TR)</i>	2700K (27C)	2640lm	2320lm	Fixed (FX)	45°x75° (45)	Black (BL)	Without Driver (00) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	COVER Standard (01)  <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
	3000K (30C)	2640lm	2470lm					
	4000K (40C)	2810lm	2640lm					
	6500K (65C)	2960lm	-					

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:  
LIMA W21 TR-30C-80-FX-45-BL-ND-00



# LIMA DIFFUSED TR



LIMA DIFFUSED TR

- Lima series is a complete series of die cast aluminium luminaires.
- It is available in different power consumption and it is offered for recessed or trimless application.
- In terms of LED, it is available in different CCTs as standard and it can also be offered upon request (depending on the model) in tunable white TW and individual colours R,G,B,A.
- 3 SDCM
- L90/B10 50,000h
- Constant current
- Indoor use: IP40

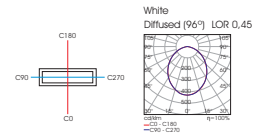
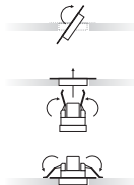
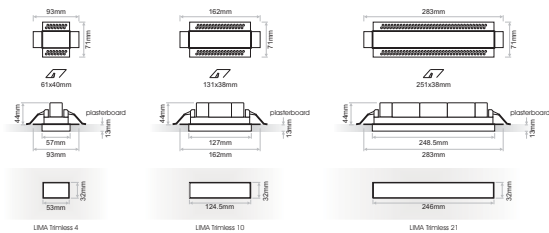
CREE LEDs

IP40

Model LED Power)	CCT	CR80, CR90 LED Source	Type	Beam Angle	Luminaire LED Source	Dimming Option	Accessories
<b>LIMA Diffused 4W Trimless</b> <i>(LIMA DF-4 TR)</i>	2700K (27C)	80 (80) 90 (90)	Fixed (FX)	Diffused (DF)	White (WH) Black (BK)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>COVER</b> Standard (01)  (XX) <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
	3000K (30C)	528lm 464lm					
	4000K (40C)	528lm 494lm					
	6500K (65C)	562lm 528lm 592lm -					
<b>LIMA Diffused 10W Trimless</b> <i>(LIMA DF-10 TR)</i>	2700K (27C)	1320lm 1160lm	Fixed (FX)	Diffused (DF)	White (WH) Black (BK)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>COVER</b> Standard (01)  (XX) <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
	3000K (30C)	1320lm 1235lm					
	4000K (40C)	1405lm 1320lm					
	6500K (65C)	1480lm -					
<b>LIMA Diffused 21W Trimless</b> <i>(LIMA DF-21 TR)</i>	2700K (27C)	2640lm 2320lm	Fixed (FX)	Diffused (DF)	White (WH) Black (BK)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless* (WL)	<b>COVER</b> Standard (01)  (XX) <b>EXTRAS</b> No Extras (10) Emergency Kit (11)
	3000K (30C)	2640lm 2470lm					
	4000K (40C)	2810lm 2640lm					
	6500K (65C)	2960lm -					

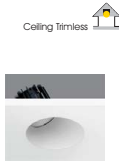
\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example:  
LIMA DF-10 TR-30C-80-FX-DF-WH-ND-00



# LUPO ROUND WASH

- LUPO Round Wash is a timeless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

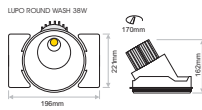
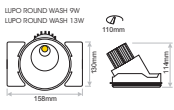


LIGHTSOURCE BY  
**LUMINUS**

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
<b>LUPO Round Wash</b> <i>(LUPO RW)</i>	<b>9W</b> (9)	2700K (27)	950lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (D0) Non-Dimmable (NE) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	<b>COVER</b> Standard (O1)  <b>EXTRAS</b> No Extras (E0) Emergency (E1)
		3000K (30)	1010lm			38° (38)	Black (BL)		
		3500K (35)	1040lm			60° (60)			
		4000K (40)	1080lm						
		5000K (50)	1090lm						
	<b>13W</b> (13)	2700K (27)	1240lm	15° (15) 24° (24)					
		3000K (30)	1325lm						
		3500K (35)	1365lm						
	<b>38W</b> (38)	2700K (27)	4180lm						
		3000K (30)	4425lm						
		3500K (35)	4570lm						
		4000K (40)	4712lm						
		5000K (50)	4800lm						

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO RW38-30L-FX-95-24-WH-ND-00



- LUPO Round is a timeless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

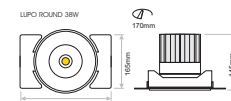
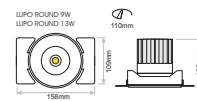


LIGHTSOURCE BY  
**LUMINUS**

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
<b>LUPO Round</b> <i>(LUPO R)</i>	<b>9W</b> (9)	2700K (27)	950lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (D0) Non-Dimmable (NE) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Wireless* (WL)	<b>COVER</b> Standard (O1)  <b>EXTRAS</b> No Extras (E0) Emergency (E1)
		3000K (30)	1010lm			38° (38)	Black (BL)		
		3500K (35)	1040lm			60° (60)			
		4000K (40)	1080lm						
		5000K (50)	1090lm						
	<b>13W</b> (13)	2700K (27)	1240lm	15° (15) 24° (24)					
		3000K (30)	1325lm						
		3500K (35)	1365lm						
	<b>38W</b> (38)	2700K (27)	4180lm						
		3000K (30)	4425lm						
		3500K (35)	4570lm						
		4000K (40)	4712lm						
		5000K (50)	4800lm						

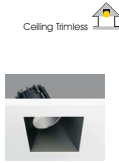
\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO R38-30L-FX-95-24-WH-ND-00



# LUPO SQUARE WASH

- LUPO Square Wash is a firmless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

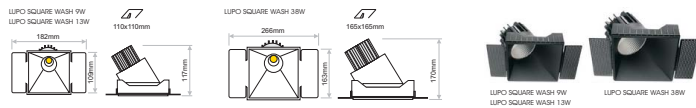


LIGHTSOURCE BY  
**LUMINUS**

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
<b>LUPO Square Wash</b> (LUPO SW)	<b>9W</b> (9)	2700K (27)	950lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (D)	COVER Standard (D)	
		3000K (30)	1010lm			38° (38)	Black (BL)			DMX (D)
		3500K (35)	1040lm			60° (60)	Analogue (1-10V) (A)			EXTRAS No Extras (E)
		4000K (40)	1080lm				DALI (D)			Emergency (E)
		5000K (50)	1090lm				Wireless* (W)			
	<b>13W</b> (13)	2700K (27)	1240lm				15° (15)			
		3000K (30)	1325lm				24° (24)			
		3500K (35)	1365lm							
		4000K (40)	1420lm							
		5000K (50)	1430lm							
<b>38W</b> (38)	2700K (27)	4180lm				15° (15)				
	3000K (30)	4425lm				24° (24)				
	3500K (35)	4570lm								
	4000K (40)	4712lm								
	5000K (50)	4800lm								

\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO SW38-30L-FX-95-24-WH-ND-00



# LUPO SQUARE

- LUPO Square is a firmless downlight available in 9W, 13W & 38W.
- Available in black or white colour.

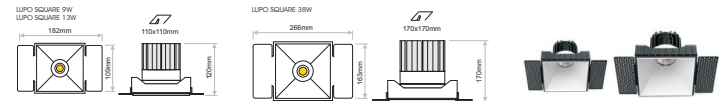


LIGHTSOURCE BY  
**LUMINUS**

Model	Power	CCT	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
<b>LUPO Square</b> (LUPO S)	<b>9W</b> (9)	2700K (27)	950lm	Fixed (FX)	95 (95)	15° (15)	White (WH)	Without Driver (D)	COVER Standard (D)	
		3000K (30)	1010lm			38° (38)	Black (BL)			DMX (D)
		3500K (35)	1040lm			60° (60)	Analogue (1-10V) (A)			EXTRAS No Extras (E)
		4000K (40)	1080lm				DALI (D)			Emergency (E)
		5000K (50)	1090lm				Wireless* (W)			
	<b>13W</b> (13)	2700K (27)	1240lm				15° (15)			
		3000K (30)	1325lm				24° (24)			
		3500K (35)	1365lm							
		4000K (40)	1420lm							
		5000K (50)	1430lm							
<b>38W</b> (38)	2700K (27)	4180lm				15° (15)				
	3000K (30)	4425lm				24° (24)				
	3500K (35)	4570lm								
	4000K (40)	4712lm								
	5000K (50)	4800lm								

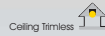
\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: LUPO S38-30L-FX-95-24-WH-ND-00





# HELIO



- HELIO is a timeless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

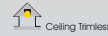
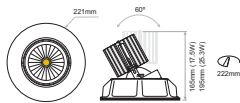


LIGHTSOURCE BY  
**bridgelux.**

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
			C980	C990	C997							
HELIO <small>(HELIC)</small>	17.5W <small>(18)</small>	2700K (278)	2482lm	2048lm	1815lm	Adjustable <small>(AD)</small>	80 (80)	45° (45)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (S0)  ↑ EXTRAS No Extras (E0) Emergency (E1)	
		3000K (308)	2637lm	2140lm	1939lm		90 (90)	97 (97)				
		4000K (408)	2714lm	2265lm	-		97 (97)					
	5700K (578)	2637lm	-	-	97 (97)							
	25.3W <small>(25)</small>	2700K (278)	3384lm	2792lm		2475lm	Adjustable <small>(AD)</small>	80 (80)	45° (45)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (S0)  ↑ EXTRAS No Extras (E0) Emergency (E1)
		3000K (308)	3595lm	2919lm		2644lm		90 (90)	97 (97)			
4000K (408)		3701lm	3088lm	-	97 (97)							
5700K (578)		3595lm	-	-		97 (97)						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HELIO 25-308-AD-90-45-WH-ND-00



# PANDORA

- PANDORA is a timeless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

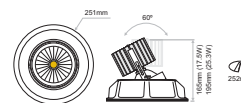


LIGHTSOURCE BY  
**bridgelux.**

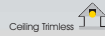
Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories	
			C980	C990	C997							
PANDORA <small>(PANDORA)</small>	17.5W <small>(18)</small>	2700K (278)	2482lm	2048lm	1815lm	Adjustable <small>(AD)</small>	80 (80)	34° (34)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (S0)  ↑ EXTRAS No Extras (E0) Emergency (E1)	
		3000K (308)	2637lm	2140lm	1939lm		90 (90)	97 (97)				
		4000K (408)	2714lm	2265lm	-		97 (97)					
	5700K (578)	2637lm	-	-	97 (97)							
	25.3W <small>(25)</small>	2700K (278)	3384lm	2792lm		2475lm	Adjustable <small>(AD)</small>	80 (80)	34° (34)	White (WH)	Without Driver (D0) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DX) DALI (DL) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (S0)  ↑ EXTRAS No Extras (E0) Emergency (E1)
		3000K (308)	3595lm	2919lm		2644lm		90 (90)	97 (97)			
4000K (408)		3701lm	3088lm	-	97 (97)							
5700K (578)		3595lm	-	-		97 (97)						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: PANDORA 25-308-AD-90-34-WH-ND-00



# HEKTOR



- HEKTOR is a timeless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

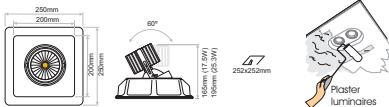


LIGHTSOURCE BY  
bridgelux

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			C880	C890	C897						
HEKTOR (HEKTOR)	17.5W (16)	2700K (278)	2428lm	2048lm	1815lm	Adjustable (AD)	80 (80)	34° (34)	White (WH)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DA) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (01) ↓ (XX) ↑ EXTRAS No Extras (E0) Emergency (E1)
		3000K (308)	2637lm	2140lm	1939lm		90 (90)				
		4000K (408)	2744lm	2265lm	-		97 (97)				
		5700K (578)	2637lm	-	-						
	25.3W (25)	2700K (278)	3384lm	2792lm	2475lm						
		3000K (308)	3595lm	2919lm	2644lm						
		4000K (408)	3701lm	3088lm	-						
		5700K (578)	3595lm	-	-						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: HEKTOR 25-308-AD-90-34-WH-ND-00



# GALINO

- GALINO is a timeless adjustable plaster luminaire.
- 3 SDCM
- L90/B10 50.000h

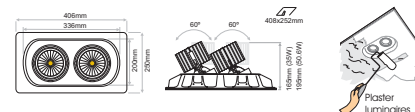


LIGHTSOURCE BY  
bridgelux

Model	Power	CCT*	LED Source			Type	CRI	Beam Angle	Colour	Dimming Option	Accessories
			C880	C890	C897						
GALINO (GALINO)	35W (35)	2700K (278)	4964lm	4095lm	3630lm	Adjustable (AD)	80 (80)	34° (34)	White (WH)	Without Driver (DD) Non Dimmable (ND) Analogue (1-10V) (A1) DMX (DM) DALI (DA) Push Button (PB) Phase Cut (PC) Wireless*** (WL)	COVER Standard (01) ↓ (XX) ↑ EXTRAS No Extras (E0) Emergency (E1)
		3000K (308)	5274lm	4280lm	3878lm		90 (90)				
		4000K (408)	5428lm	4530lm	-		97 (97)				
		5700K (578)	5274lm	-	-						
	50.6W (51)	2700K (278)	6768lm	5584lm	4950lm						
		3000K (308)	7190lm	5838lm	5288lm						
		4000K (408)	7402lm	6176lm	-						
		5700K (578)	7190lm	-	-						

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: GALINO 51-308-AD-90-34-WH-ND-00



# AMOS / AMOS XL



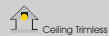
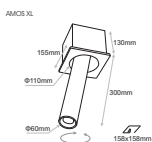
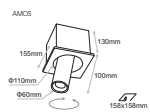
- AMOS & AMOS XL decorative timeless luminaires.
- 3 SDCM
- L90/110 50.000h



Code	Model	Wall	Voltage	Beam Angle	Lamp	Weight	IP Rate
PCR.025	AMOS	9W	230VAC	30°	Included	1,72Kg	IP20
PCR.026	AMOS XL	9W	230VAC	30°	Included	1,83Kg	IP20



Plaster luminaires



# SEAMLESS RD / SQ SHORT / SQ WASH 45°



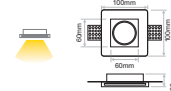
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Weight	IP Rate
PCR.031	SEAMLESS ROUND	GU10	35W	230VAC	0.34Kg	IP20
PCR.001	SEAMLESS SQUARE SHORT	Gx5.3	35W	12VAC	0.20Kg	IP20
PCR.003	SEAMLESS SQUARE WASH 45°	Gx5.3	35W	12VAC	0.55Kg	IP20

\*Suitable for plasterboard 12.5mm  
\*Suitable for plasterboard 9mm-15mm

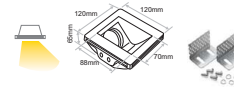
PCR.031 SEAMLESS ROUND



PCR.001 SEAMLESS SQUARE SHORT





PCR.003 SEAMLESS SQUARE WASH 45°

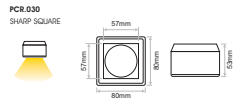
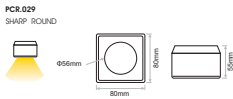




Plaster  
Suitable for plasterboard 12.5mm (PCR.031-001) 9mm-15mm (PCR.003)



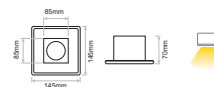
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.029	SHARP ROUND	GU10	35W	230VAC	Not included	0.42Kg	82x82mm	IP20
PCR.030	SHARP SQUARE	GU10	35W	230VAC	Not included	0.36Kg	82x82mm	IP20

\*Suitable for plasterboard 9-15mm



Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.027	VERTICO	Gx5.3	35W	12VAC	Not included	1.05Kg	146x146mm	IP20

\*Suitable for plasterboard 9-15mm



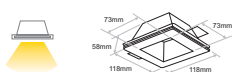
# SEAMLESS SQ/SQx2



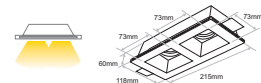
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
<b>PCR.002</b>	SEAMLESS SQUARE	Gx5.3	35W	12VAC	Not included	0.44Kg	120x120mm	IP20
<b>PCR.004</b>	SEAMLESS SQUARE x2	2xGx5.3	2x35W	12VAC	Not included	0.94Kg	120x217mm	IP20

\*Suitable for plasterboard 12mm

**PCR.002**  
SEAMLESS SQUARE



**PCR.004**  
SEAMLESS SQUARE x2

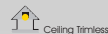


Plaster



Suitable for plasterboard 12mm

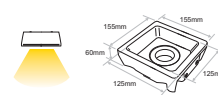
# SEAMLESS SQ ADJ / ADJx2



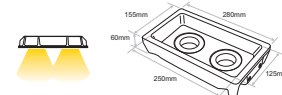
Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
<b>PCR.005</b>	SEAMLESS SQUARE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.84Kg	157x157mm	IP20
<b>PCR.006</b>	SEAMLESS SQUARE ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.56Kg	157x282mm	IP20

\*Suitable for plasterboard 9mm-15mm

**PCR.005**  
SEAMLESS SQUARE ADJUSTABLE



**PCR.006**  
SEAMLESS SQUARE ADJUSTABLE x2



Plaster



Suitable for plasterboard 9mm-15mm



**ACC.206**  
Lamp Holder

# SEAMLESS

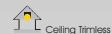
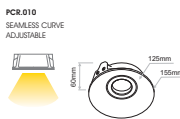
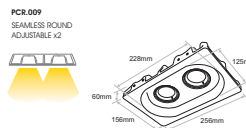
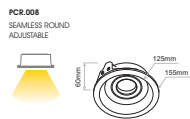
## RD ADJ / RD ADJx2 / CURVE ADJ



Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.008	SEAMLESS ROUND ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.72Kg	Φ 157mm	IP20
PCR.009	SEAMLESS ROUND ADJUSTABLE x2	2xGx5.3	2x35W	12VAC	Not included	1.54Kg	158x258mm	IP20
PCR.010	SEAMLESS CURVE ADJUSTABLE	Gx5.3	35W	12VAC	Not included	0.68Kg	Φ 157mm	IP20



\*Suitable for plasterboard 9mm-15mm

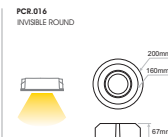
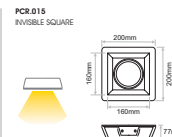
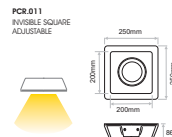


# INVISIBLE SQ ADJ / SQ / RD



Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.011	INVISIBLE SQUARE ADJUSTABLE	AR111	50W	12VAC	Not included	2.14Kg	252x252mm	IP20
PCR.015	INVISIBLE SQUARE	AR111	50W	12VAC	Not included	1.53Kg	202x202mm	IP20
PCR.016	INVISIBLE ROUND	AR111	50W	12VAC	Not included	0.97Kg	Φ 202mm	IP20

\*Suitable for plasterboard 9mm-15mm



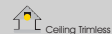
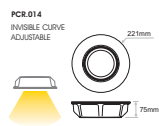
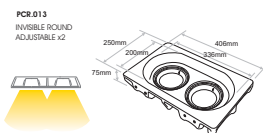
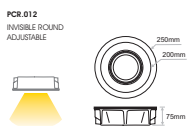
# INVISIBLE

RD ADJ / RD ADJx2 / CURVE ADJ



Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.012	INVISIBLE ROUND ADJUSTABLE	AR111	50W	12VAC	Not included	2.05Kg	Φ 252mm	IP20
PCR.013	INVISIBLE ROUND ADJUSTABLE x2	2xAR111	2x50W	12VAC	Not included	3.74Kg	252x408mm	IP20
PCR.014	INVISIBLE CURVE ADJUSTABLE	AR111	50W	12VAC	Not included	1.22Kg	Φ 222mm	IP20

\*Suitable for plasterboard 9mm-15mm

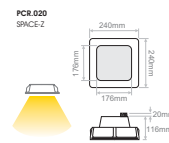
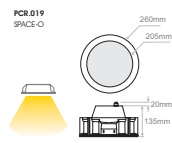
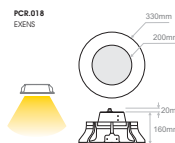


# EXENS / SPACE-O / SPACE-Z




Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.018	EXENS	2xE27	2x18W	220-240VAC	Not included	2.87Kg	Φ 332mm	IP20
PCR.019	SPACE-O	2xE27	2x18W	220-240VAC	Not included	4.82Kg	Φ 262mm	IP20
PCR.020	SPACE-Z	2xE27	2x18W	220-240VAC	Not included	2.5Kg	242x242mm	IP20



\*Suitable for plasterboard 9mm-15mm



ART R

Ceiling Timless 

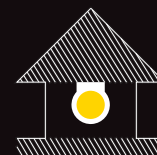


Code	Model	Lamp Holder	Maximum Consumption	Voltage		Weight		IP Rate
PCR.017	ART-R	E27	40W	220-240VAC	Not included	2.3Kg	Φ 273mm	IP20

\*Suitable for plasterboard 9-15mm

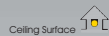


CEILING  
SURFACE

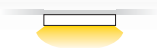




# DISC SF (Surface)



- Disc is a complete series of round luminaires available for surface, pendant, recessed and trackless application.
- The surface version is offered either with Direct illumination (DISC SF) or with Direct illumination combined with a decorative Indirect lighting effect (DISC SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80B10 50.000h
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 214lm/W (4000K)

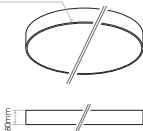
Luminaire efficacy up to 143lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

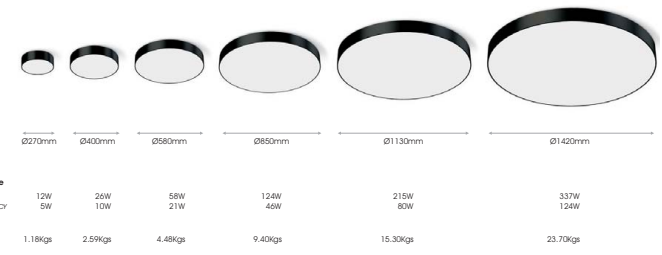
\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

Ø270, Ø400, Ø580, Ø850, Ø1130, Ø1420mm



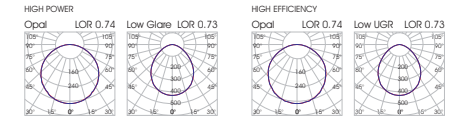


Model	Luminaire Colour*	CCT	Watt / Diameter	CR** LED Source	CR** LED Source	Type	Voltage	Dimming Option	Extras
<b>DISC Surface High Power</b> <i>(DISC SF HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b> 11.9W / 27cm <i>(12W027)</i> 26.2W / 40cm <i>(26W040)</i> 57.4W / 58cm <i>(58W058)</i> 123.8W / 85cm <i>(124W085)</i> 214.8W / 113cm <i>(215W113)</i> 336.6W / 142cm <i>(337W142)</i>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard Emergency <i>(E)</i>
	Black <i>(BK)</i>	4000K <i>(40)</i>		3000K	4000K	Low Glare <i>(LG)***</i>		Analogue <i>(1-10V)</i> DALI <i>(DL)</i> Wireless <i>(WL)</i>	
	Grey <i>(GY)</i>								
<b>DISC Surface High Efficiency</b> <i>(DISC SF HE)</i>			<b>HIGH EFFICIENCY</b> 4.5W / 27cm <i>(05W027)</i> 9.8W / 40cm <i>(10W040)</i> 21.2W / 58cm <i>(21W058)</i> 45.7W / 85cm <i>(46W085)</i> 79.4W / 113cm <i>(80W113)</i> 124.4W / 142cm <i>(124W142)</i>	> 80 <i>(80)</i>	> 80 <i>(80)</i>	Opal <i>(CP)</i>			
				3000K	4000K	Low UGR <i>(LU)***</i>			

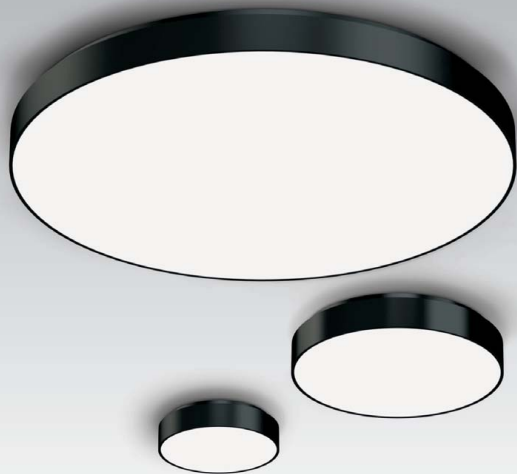


- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: DISC SF HP-BL-3D-58W058-80-LG-230-ND-0



# DISC SF DECO



- Disc is a complete series of round luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct Illumination combined with a decorative Indirect lighting effect (DISC SF DECO) or with only Direct Illumination (DISC SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<22\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<19\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40

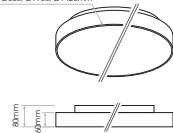


**LED source efficacy up to 214lm/W (4000K)**  
**Luminaire efficacy up to 143lm/W (4000K)**

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

Ø270, Ø400, Ø560, Ø850, Ø1130, Ø1420mm





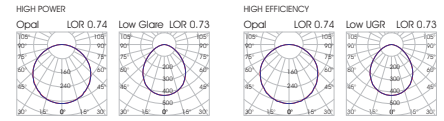
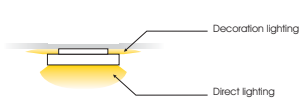
Model	Luminaire Colour*	CCT	Watt / Diameter	CR** LED Source	CR** LED Source	Type	Voltage	Dimming Option	Extras	
<b>DISC SF DECO High Power</b> <i>(DISC SF DECO HP)</i>	White (W)	3000K	<b>HIGH POWER</b> 11.9W / 27cm (12W027) 26.2W / 40cm (26W040) 57.4W / 58cm (58W058) 123.8W / 85cm (124W085) 214.8W / 113cm (215W113) 336.6W / 142cm (337W142)	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard Emergency (E)	
	Black (B)	4000K		1910lm	2070lm	Low Glare (LG)***				Analogous (1-10V) (A1)
	Grey (G)	(CP)		3970lm	4170lm					DALI (DL)
				8670lm	9110lm					Wireless (WL)
				17980lm	18900lm					
				31060lm	32650lm					
				49550lm	52200lm					
<b>DISC SF DECO High Efficiency</b> <i>(DISC SF DECO HE)</i>			<b>HIGH EFFICIENCY</b> 4.5W / 27cm (55W027) 9.8W / 40cm (10W040) 21.2W / 58cm (21W058) 45.7W / 85cm (46W085) 79.4W / 113cm (80W113) 124.4W / 142cm (124W142)	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard Emergency (E)	
				810lm	880lm	Low UGR (LU)***				
				1680lm	1770lm					
				3400lm	3830lm					
				7430lm	7810lm					
				12830lm	13490lm					
				20590lm	21700lm					



DISC SF DECO	ø270mm	ø400mm	ø580mm	ø850mm	ø1130mm	ø1420mm
HIGH POWER	12W	26W	58W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
Weight	1.18kgs	2.59kgs	4.48kgs	9.40kgs	15.30kgs	23.70kgs

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR<22), Low UGR (UGR<19)

Ordering Code Example: DISC SF DECO HP-8L-3D-58W058-80-LG-230-ND-0



# ECLIPSE SF (Surface)

Ceiling Surface 



- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct Illumination (ECLIPSE SF) or with Direct Illumination combined with a decorative Indirect lighting effect (ECLIPSE SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminum.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability: (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



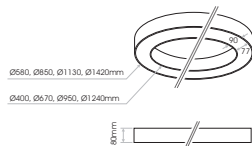
LED source efficacy up to 195lm/W (4000K)

Luminaire efficacy up to 119lm/W (4000K)

**Available upon request:**

- ✓ Custom luminaire colours
- ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20





Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
ECLIPSE Surface High Power (ECLIPSE SF HP)	White (Wh)	3000K (30)	<b>HIGH POWER</b>	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0)
	Black (Bl)	4000K (40)	46.2W / 58cm (46W/058)	6910lm	7310lm	Low Glare (LG)***	Analogue (1-10V)	Emergency (1)	
	Grey (Gr)	4000K (40)	75W / 85cm (75W/085)	11070lm	11740lm	DAU (DU)	Wireless (WL)		
ECLIPSE Surface High Efficiency (ECLIPSE SF HE)	White (Wh)	3000K (30)	<b>HIGH EFFICIENCY</b>	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (0)
	Black (Bl)	4000K (40)	17.6W / 58cm (18W/058)	2940lm	3110lm	Low UGR (LU)***	Analogue (1-10V)	Emergency (1)	
	Grey (Gr)	4000K (40)	26.7W / 85cm (27W/085)	4450lm	4720lm	DAU (DU)	Wireless (WL)		

\* Custom luminaire colours available upon request.  
 \*\* Available in CR190 upon request.  
 \*\*\* Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ECLIPSE SF HP-Bl-30-105W/113-80-LG-230-ND-0

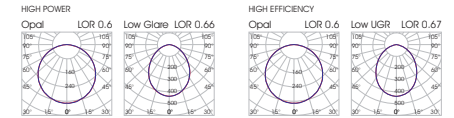


	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
ECLIPSE Surface HIGH POWER HIGH EFFICIENCY	46W 18W	75W 27W	105W 37W	134W 48W
Weight	3.63Kgs	5.48Kgs	7.42Kgs	10Kgs

Optional accessories



- PRH.111 Metal drilling Template for ECLIPSE SF Ø58cm
- PRH.112 Metal drilling Template for ECLIPSE SF Ø85cm
- PRH.113 Metal drilling Template for ECLIPSE SF Ø113cm
- PRH.114 Metal drilling Template for ECLIPSE SF Ø142cm



# ECLIPSE SF DECO

Ceiling Surface 



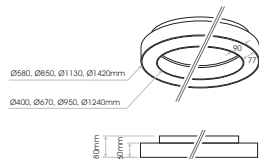
- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct illumination combined with a decorative Indirect lighting effect (ECLIPSE SF DECO) or with only Direct illumination (ECLIPSE SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80B10 50,000h.
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



**LED source efficacy up to 195lm/W (4000K)**  
**Luminaire efficacy up to 119lm/W (4000K)**

**Available upon request:**  
 ✓ Custom luminaire colours  
 ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factor: 70/50/20





Model	Luminaire Colour**	CCT	Watt / Diameter	CRI** LED Source	CRI** LED Source	Type	Voltage	Dimming Option	Extras
<b>ECLIPSE SF DECO High Power</b> <i>(ECLIPSE SF DECO HP)</i>	White (W)	3000K (30)	<b>HIGH POWER</b>	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard
	Black (BL)	4000K (40)	46.2W / 58cm (46W/058)	6910lm	7310lm	Low Glare (LG)***		Analogue (A1)	Emergency (E)
	Grey (GR)		75W / 85cm (75W/085)	11070lm	11740lm			DALI (DA)	
			104.5W / 113cm (105W/113)	15490lm	16390lm			Wireless (WL)	
			134.1W / 142cm (134W/142)	19960lm	21100lm				
<b>ECLIPSE SF DECO High Efficiency</b> <i>(ECLIPSE SF DECO HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 (80)	> 80 (80)	Opal (CP)			
			17.6W / 58cm (18W/058)	2940lm	3110lm	Low UGR (LU)***			
			26.7W / 85cm (27W/085)	4450lm	4720lm				
			37.2W / 113cm (37W/113)	6230lm	6590lm				
			47.8W / 142cm (48W/142)	8020lm	8480lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CRI90 upon request.
- \*\*\* Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: ECLIPSE SF DECO HP-BL-30-105W/113-80-LG-230-ND-0

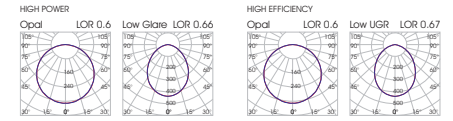


ECLIPSE SF DECO	Ø580mm	Ø650mm	Ø1130mm	Ø1420mm
<b>HIGH POWER</b>	46W	75W	105W	134W
<b>HIGH EFFICIENCY</b>	18W	27W	37W	48W
<b>Weight</b>	3.63kgs	5.48kgs	7.42kgs	10kgs

Optional accessories

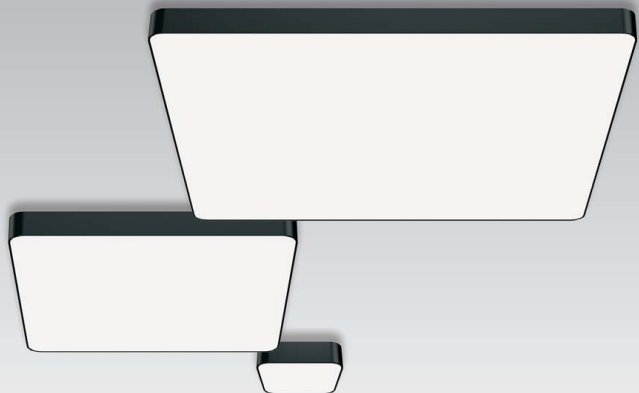


- PRH.111 Metal drilling Template for ECLIPSE SF DECO Ø58cm
- PRH.112 Metal drilling Template for ECLIPSE SF DECO Ø65cm
- PRH.113 Metal drilling Template for ECLIPSE SF DECO Ø113cm
- PRH.114 Metal drilling Template for ECLIPSE SF DECO Ø142cm





# LOOP SF (Surface)

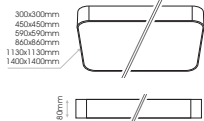


- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct Illumination (LOOP SF) or with Direct Illumination combined with a decorative Indirect lighting effect (LOOP SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 21.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18.6\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 197lm/W (4000K)  
Luminaire efficacy up to 132lm/W (4000K)

**Available upon request:**  
✓ Custom luminaire colours  
✓ Emergency version



\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

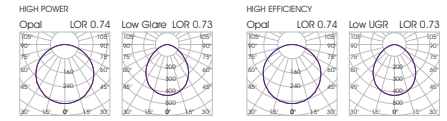




Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras	
<b>LOOP Surface High Power</b> <i>(LOOP SF HP)</i>	White (Wh) (30)	3000K	<b>HIGH POWER</b>	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (S)	
	Black (Bl) (40)	4000K	17.6W / 30x30cm (18W/3030)	2650lm	2780lm	Low Glare (LG)***		Analogue (1-10V) (A1)	Emergency (E)	
	Grey (Gr) (40)	4000K	39.5W / 45x45cm (40W/4545)	5850lm	6160lm			DALI (DL)		
			75W / 59x59cm (75W/5959)	10720lm	11270lm			Wireless (WL)		
			153.5W / 86x86cm (154W/8686)	22150lm	23290lm					
			272.8W / 113x113cm (273W/113113)	39380lm	41400lm					
			426.3W / 140x140cm (426W/140140)	61540lm	64700lm					
	<b>LOOP Surface High Efficiency</b> <i>(LOOP SF HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 (80) 3000K	> 80 (80) 4000K	Opal (OP)			
				6.6W / 30x30cm (6.7W/3030)	1130lm	1180lm	Low UGR (LU)***			
				13.4W / 45x45cm (13.6W/4545)	2250lm	2370lm				
			25.9W / 59x59cm (26W/5959)	4200lm	4410lm					
			58.3W / 86x86cm (58W/8686)	9450lm	9930lm					
			103.7W / 113x113cm (104W/113113)	16790lm	17650lm					
			162W / 140x140cm (162W/140140)	26230lm	27580lm					

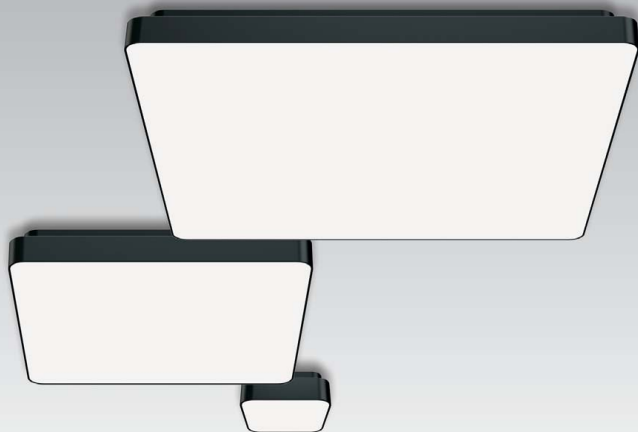
- \* Custom Luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR < 21,8), Low UGR (UGR < 18,6)

Ordering Code Example: LOOP SF HP-BL-30-154W/8686-80-LG-230-ND-0



# LOOP SF DECO

Ceiling Surface 



- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct Illumination combined with a decorative indirect lighting effect (LOOP SF DECO) or with only Direct Illumination (LOOP SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR<21,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR<18,6\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL 9005), White (RAL 9003), or Grey (RAL 7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40

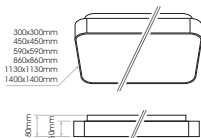


LED source efficacy up to 197lm/W (4000K)

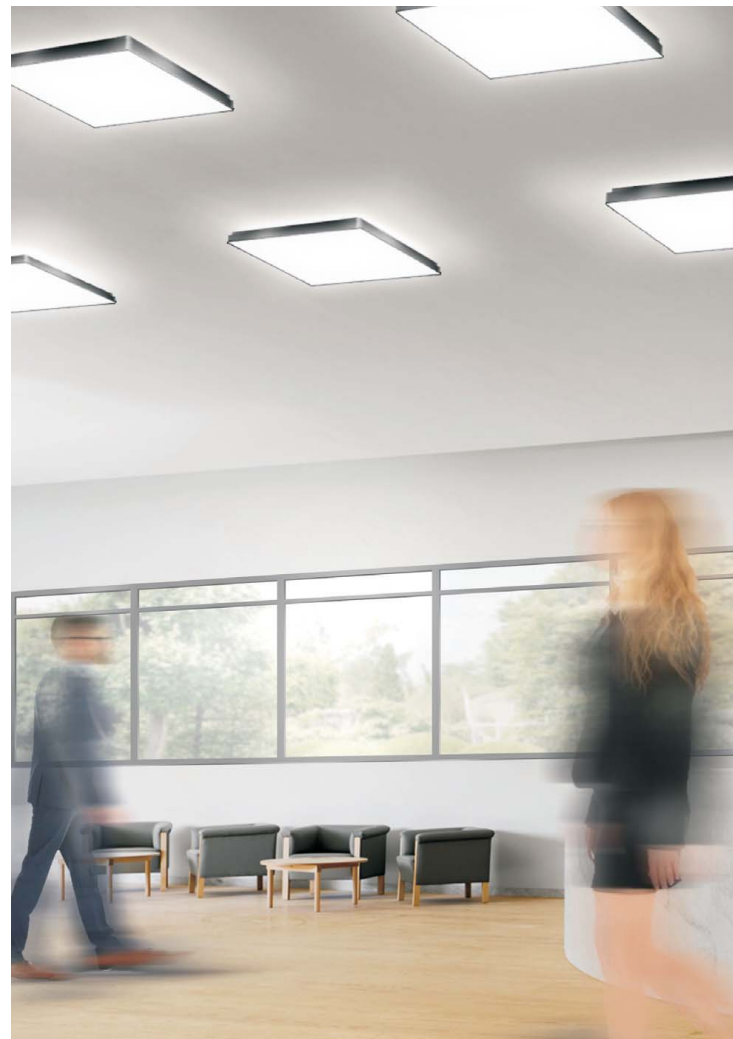
Luminaire efficacy up to 132lm/W (4000K)

Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version



\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factors: 70/50/20

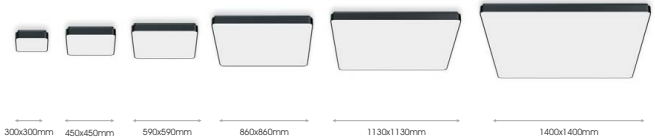




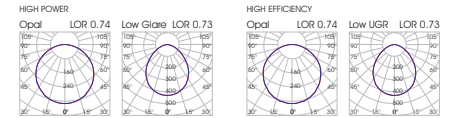
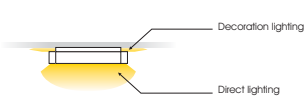
Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>LOOP SF DECO High Power</b> <i>(LOOP SF DECO HP)</i>	White (WH)	3000K (30)	<b>HIGH POWER</b>	> 80 (80) 3000k	> 80 (80) 4000k	Opal (OP)	230VAC (230)	Non Dimmable (ND)	Function Standard (S)
	Black (BL)	4000K (40)	17.6W / 30x30cm (18W/3030)	2650lm	2780lm	Low Glare (LG) ***		Analogue (1-10V) (A1)	Emergency (E)
	Grey (GR)		39.5W / 45x45cm (40W/4545)	5850lm	6160lm			DALI (DL)	
			75W / 59x59cm (75W/5959)	10720lm	11270lm			Wireless (WL)	
			153.5W / 86x86cm (154W/8686)	22150lm	23290lm				
			272.8W / 113x113cm (273W/113113)	39380lm	41400lm				
<b>LOOP SF DECO High Efficiency</b> <i>(LOOP SF DECO HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 (80) 3000k	> 80 (80) 4000k	Opal (OP)			
			6.6W / 30x30cm (07W/3030)	1130lm	1180lm	Low UGR (LU) ***			
			13.4W / 45x45cm (13W/4545)	2250lm	2370lm				
			25.9W / 59x59cm (26W/5959)	4200lm	4410lm				
			58.3W / 86x86cm (58W/8686)	9450lm	9930lm				
			103.7W / 113x113cm (104W/113113)	16790lm	17650lm				
		162W / 140x140cm (162W/140140)	26230lm	27580lm					

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR < 21.8), Low UGR (UGR < 18.6)

Ordering Code Example: LOOP SF DECO HP-BL-30-154W/8686-80-LG-230-ND-0



Model	High Power	High Efficiency	Weight
300x300mm	18W	6.6W	1.55kgs
450x450mm	40W	13.4W	3.44kgs
590x590mm	75W	25.9W	6.24kgs
860x860mm	154W	58.3W	11.70kgs
1130x1130mm	273W	103.7W	18.80kgs
1400x1400mm	426W	162W	28kgs



# ORBIT SF (Surface)

Ceiling Surface 



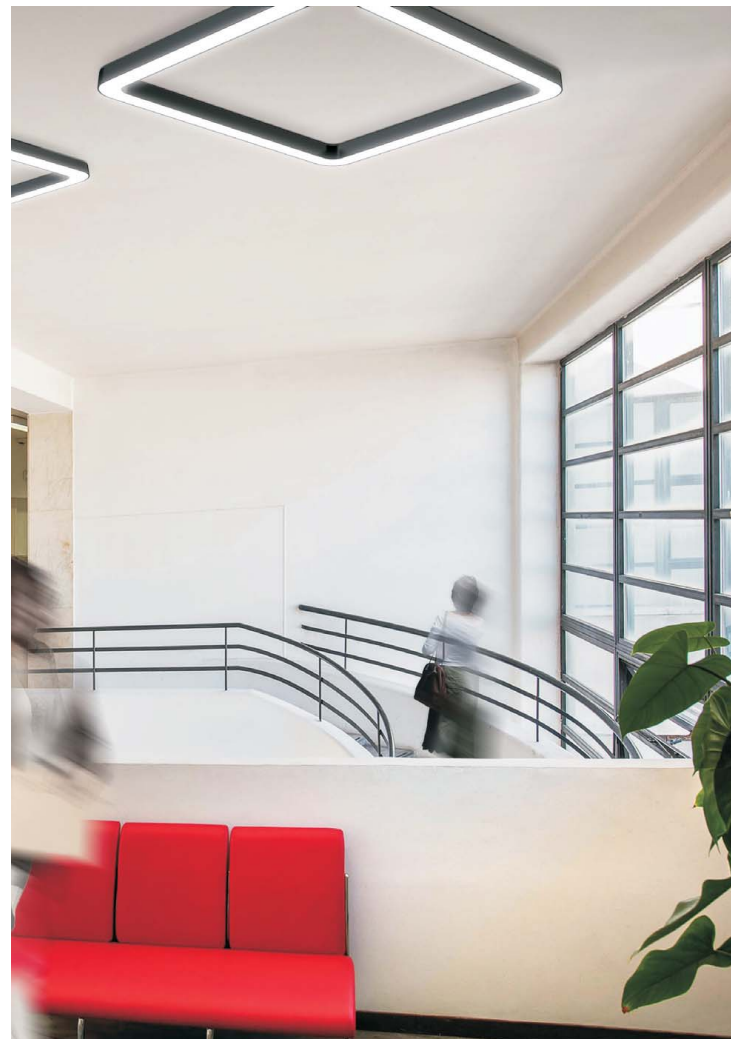
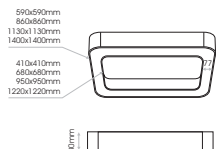
- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and trimless application.
- The surface version is offered either with Direct Illumination (ORBIT SF) or with Direct illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA.
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50,000h.
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



**LED source efficacy up to 197lm/W (4000K)**  
**Luminaire efficacy up to 120lm/W (4000K)**

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20





Model	Luminaire Colour*	CC1	Watt / Diameter	CR1** LED Source	CR2** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT Surface High Power</b> <i>(ORBIT SF HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(F)</i>
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W5959)</i>	9210lm	9750lm	Low Glare <i>(LG)***</i>		Analogue <i>(1-T0V)</i> <i>(A1)</i>	Emergency <i>(E)</i>
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W8686)</i>	14050lm	14840lm			DALI <i>(DL)</i>	
<b>ORBIT Surface High Efficiency</b> <i>(ORBIT SF HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>		Wireless <i>(WL)</i>	
			23.4W / 59x59cm <i>(23W5959)</i>	3920lm	4150lm	Low UGR <i>(LU)***</i>			
			32.8W / 86x86cm <i>(33W8686)</i>	5550lm	5880lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR<20.8), Low UGR (<18)

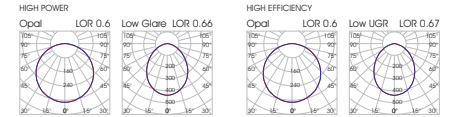
Ordering Code Example: ORBIT SF HP-WH-30-94W8686-80-LG-230-ND-0



Optional accessories



- PRH.115 Metal drilling Template for ORBIT SF 59x59cm
- PRH.116 Metal drilling Template for ORBIT SF 86x86cm
- PRH.117 Metal drilling Template for ORBIT SF 113x113cm
- PRH.118 Metal drilling Template for ORBIT SF 140x140cm



# ORBIT SF DECO



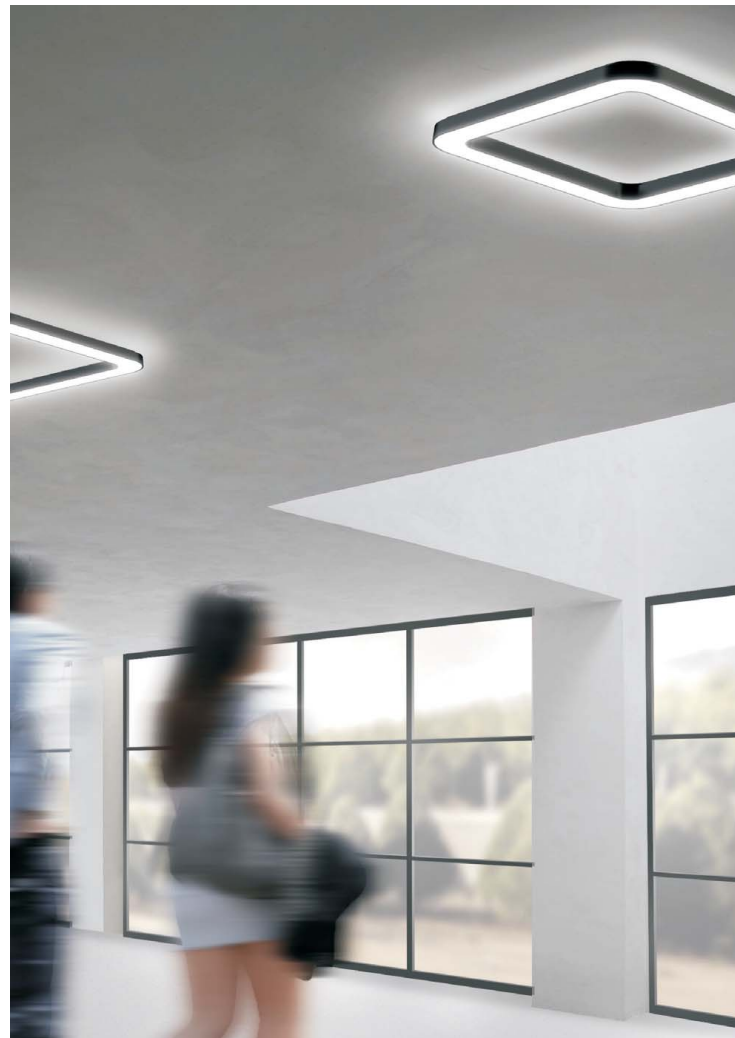
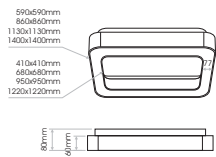
- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and timeless application.
- The surface version is offered either with Direct Illumination combined with a decorative Indirect lighting effect (ORBIT SF DECO) or with only Direct Illumination (ORBIT SF).
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 20.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL 9005), White (RAL 9003), or Grey (RAL 7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80B10 50,000h
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



**LED source efficacy up to 197lm/W (4000K)**  
**Luminaire efficacy up to 120lm/W (4000K)**

**Available upon request:**  
 ✓ Custom luminaire colours  
 ✓ Emergency version

\*Glare Evaluation: X=4H / Y=BH, S=0,25H, Reflection factors: 70/50/20





Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT SF DECO High Power</b> <i>(ORBIT SF DECO HP)</i>	White <i>(WH)</i>	3000K <i>(30)</i>	<b>HIGH POWER</b>	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>	230VAC <i>(230)</i>	Non Dimmable <i>(ND)</i>	Function Standard <i>(S)</i>
	Black <i>(BL)</i>	4000K <i>(40)</i>	61.6W / 59x59cm <i>(62W5959)</i>	9210lm	9750lm	Low Glare <i>(LG)***</i>		Analogue <i>(1-10V)</i> <i>(A1)</i>	Emergency <i>(E)</i>
	Grey <i>(GR)</i>		93.6W / 86x86cm <i>(94W8686)</i>	14050lm	14840lm			DALI <i>(DL)</i>	
			128.7W / 113x113cm <i>(129W113113)</i>	19320lm	20430lm			Wireless <i>(WL)</i>	
			163.9W / 140x140cm <i>(164W140140)</i>	24590lm	26000lm				
<b>ORBIT SF DECO High Efficiency</b> <i>(ORBIT SF DECO HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 <i>(80)</i> 3000K	> 80 <i>(80)</i> 4000K	Opal <i>(OP)</i>			
			23.4W / 59x59cm <i>(23W5959)</i>	3920lm	4150lm	Low UGR <i>(LU)***</i>			
			32.8W / 86x86cm <i>(33W8686)</i>	5550lm	5880lm				
			45.1W / 113x113cm <i>(45W113113)</i>	7650lm	8090lm				
			57.4W / 140x140cm <i>(57W140140)</i>	9730lm	10290lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ORBIT SF DECO HP-WH-30-94W8686-80-LG-230-ND-0

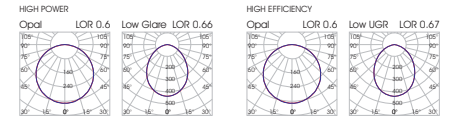


	59x59mm	86x86mm	113x113mm	140x140mm
<b>ORBIT SF DECO</b>				
HIGH POWER	62W	94W	129W	164W
HIGH EFFICIENCY	23W	33W	45W	57W
Weight	4.40kgs	6.66kgs	9kgs	11.9kgs

Optional accessories



- PRH.115 Metal drilling Template for ORBIT SF DECO 59x59cm
- PRH.116 Metal drilling Template for ORBIT SF DECO 86x86cm
- PRH.117 Metal drilling Template for ORBIT SF DECO 113x113cm
- PRH.118 Metal drilling Template for ORBIT SF DECO 140x140cm

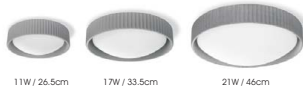




# TARTA



- Tarta series consists of three sized surface luminaires that give an elegant touch into any space.
- Body material: concrete.
- Diffuser material: acrylic.
- Available in: anthracite, grey, ceramic or white colour.
- Dimming options: Non dimmable or 48V PWM Dimmable



11W / 26.5cm      17W / 33.5cm      21W / 46cm



# TARTA

IP20

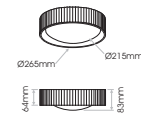
Model	Watt	Luminaire Colour	CCT	CRI	Type	Dimming Option
TARTA <i>(TARTA)</i>	11W <i>(11)</i>	White <i>(WH)</i>	2700K <i>(27)</i>	80 <i>(80)</i>	Diffused <i>(DF)</i>	230VAC Non Dimmable <i>(230ND)</i> 48VDC PWM Dimmable <i>(48V)</i>
	17W <i>(17)</i>	Grey <i>(GR)</i>	3000K <i>(30)</i>			
	21W <i>(21)</i>	Anthracite <i>(AC)</i>	4000K <i>(40)</i>			
		Ceramic <i>(CR)</i>	5000K <i>(50)</i>			

Ordering Code Example: TARTA-11-GR-30-80-DF-230ND

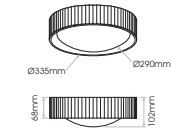


White      Grey      Anthracite      Ceramic

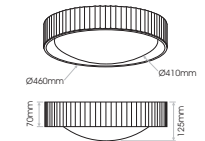
11W / 26.5cm



17W / 33.5cm



21W / 46cm



# REFORM 30 Surface Spot



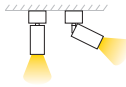
- Reform 30 is a complete series of miniaturized downlights available recessed, trimless or surface.
- It is available in round form.
- Power consumption: 3watt and 6.3watt.
- Beam angle varies from 28 to 50 degrees.
- Accessories available: honeycomb, softening lens.
- Luminaire material: aluminium construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- External driver only.
- Emergency kit only for external use.
- 3 SDCM
- L90@10 50,000h
- Low UGR ensuring visual comfort (UGR<14 /black inner ring).



Model	LED Power	CCT*	CRI80, CRI90 LED Source		Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
			80 (80)	90 (90)					
<b>REFORM 30 Surface Spot</b> <i>(REFORM 30 SFSP)</i>	<b>3W</b> (3)	2700K (27C)	310mm	250mm	12° (12)	Adjustable (AD)	Base White (W) Black (B)	Without Driver (00) 24VDC PWM Dimmable**	Standard (0) Honeycomb (1) Softening lens (2)
		3000K (30C)	310mm	255mm					
		4000K (40C)	330mm	290mm					
		5000K (50C)	360mm	310mm					
	<b>5.8W</b> (6)	2700K (27C)	615mm	500mm	28° (28)	Spot	White (W) Black (B)		Extras No Extras (0) Emergency*** (1)
		3000K (30C)	615mm	530mm					
		4000K (40C)	665mm	575mm					
		5000K (50C)	715mm	615mm					
	<b>3W</b> (3)	2700K (27C)	396mm	320mm	28° (28)	Inner Ring	White (W) Black (B)		
		3000K (30C)	395mm	342mm					
		4000K (40C)	428mm	369mm					
		5000K (50C)	428mm	396mm					
<b>6.3W</b> (6)	2700K (27C)	669mm	540mm	36° (36)					
	3000K (30C)	669mm	577mm						
	4000K (40C)	722mm	623mm						
	5000K (50C)	722mm	669mm						

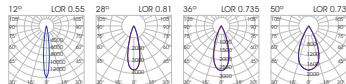
\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* Only for 3W Led power models.  
\*\*\* External.

Ordering Code Example: REFORM 30 SFSP3-40C-80-36-AD-WWB-00-00



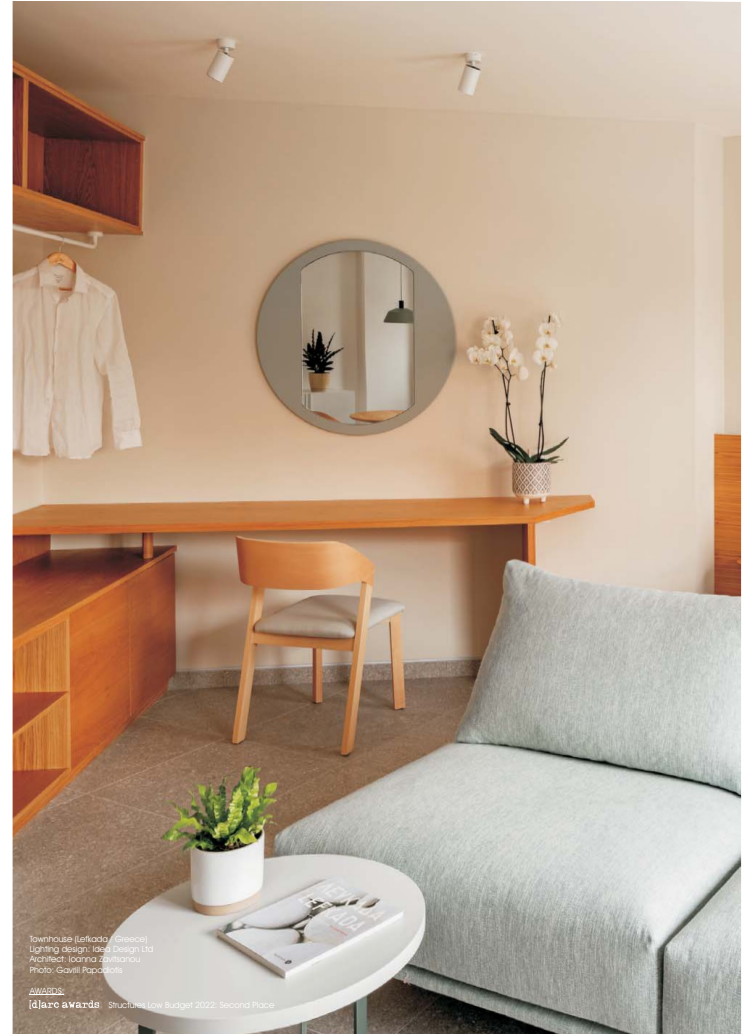
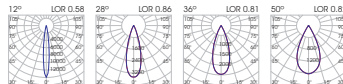
Inner ring colour:

BLACK



Inner ring colour:

WHITE



Townhouse (Lefkada, Greece)  
Lighting design: Ideas Design Ltd  
Architect: Ioanna Zivanidou  
Photo: Gouli Papadimitriou

AWARDS  
dJare awards Structures Low Budget 2022 - Second Place

# REFORM 52 Surface Spot



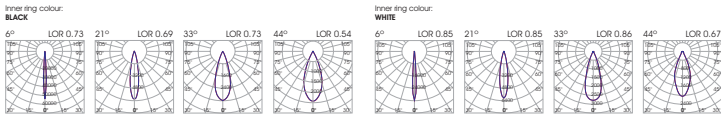
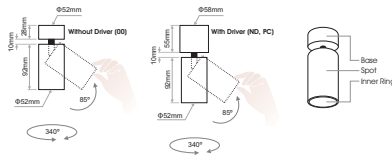
- Reform 52 is a complete series of downlights available recessed, firmless or surface.
- It is available in round form.
- Power consumption : 12watt and 8.2watt.
- Beam angle varies from 6 to 44 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<12 /black inner ring).



Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option**	Accessories
		80 (80)	90 (90)					
<b>REFORM 52 Surface Spot 8.2W</b> <i>(REFORM 52 SFSP8)</i>	2700K (27C)	779mm	628mm	6° (04)	Adjustable (AD)	Base White (W) (1) Black (B) (2)	Without Driver (ND) (00) Non Dimmable (ND) Phase Cut (PC) (1C)	Standard Honeycomb (1) (0) Line spread lens (2) (0) Softening lens (3) (1)
	3000K (30C)	779mm	673mm					
	4000K (40C) 5000K (50C)	841mm 903mm	726mm 779mm					
<b>REFORM 52 Surface Spot 12W</b> <i>(REFORM 52 SFSP12)</i>	2700K (27C)	1590mm	1380mm	21° (21) 33° (33) 44° (44)		Spot White (W) (1) Black (B) (2)		EXTRAS No Extras Emergency*** (1) (0)
	3000K (30C)	1710mm	1485mm					
	4000K (40C) 5000K (50C)	1830mm 1710mm	1590mm 1590mm					
<b>REFORM 52 Surface Spot Warm Dimming 12W</b> <i>(REFORM 52 SFSP12D)</i>	1800K-3000K (1830B)		95 (95)			Black (B) (2)	Phase Cut (PC) (1C)	

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* ND and PC versions suitable only with the Φ58x55(h) mm base. \*\*\* External.

Ordering Code Example: REFORM 52 SFSP12-40C-80-33-AD-WWB-00-10



# REFORM 75 Surface Spot

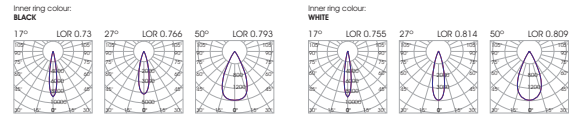
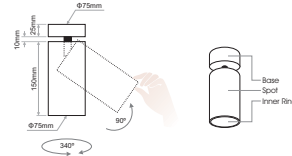
- Reform 75 is series of downlights available recessed or surface.
- It is available in round form.
- Power consumption : 23.5watt and 18watt.
- Beam angle varies from 17 to 50 degrees.
- Accessories available: honeycomb, line spread lens or softening lens.
- Luminaire material: aluminum construction/ PC parts.
- It is offered in white and/or black colour as standard but RAL colours also are available on request.
- 3 SDCM
- L90/B10 50.000h
- Low UGR ensuring visual comfort (UGR<15 /black inner ring).



Model (LED Power)	CCT*	CR80 LED Source	CR90 LED Source	Beam Angle	Type	Luminaire Colour	Dimming Option	Accessories
		80 (80)	90 (90)					
<b>REFORM 75 Surface Spot 18W</b> <i>(REFORM 75 SFSP18)</i>	2700K (27C)	2067mm	1794mm	17° (17) 27° (27) 50° (50)	Adjustable (AD)	Base White (W) (1) Black (B) (2)	Without Driver (ND) (00) Non Dimmable (ND) (1C)	Standard Honeycomb (1) (0) Line spread lens (2) (0) Softening lens (3) (1)
	3000K (30C)	2223mm	1931mm					
	4000K (40C) 5000K (50C)	2379mm 2223mm	2067mm 2067mm					
<b>REFORM 75 Surface Spot 23.5W</b> <i>(REFORM 75 SFSP24)</i>	2700K (27C)	2919mm	2409mm			Spot White (W) (1) Black (B) (2)		EXTRAS No Extras Emergency** (1) (0)
	3000K (30C)	3102mm	2512mm					
	4000K (40C) 5000K (50C)	3192mm 3230mm	2633mm 2771mm					

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* External.

Ordering Code Example: REFORM 75 SFSP18-40C-80-50-AD-WWB-00-10



# DANDO FRAME SF

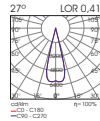
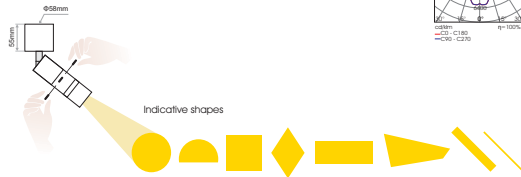
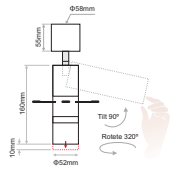


- Dando Frame SF is a surface downlight, ideal to highlight and elevate any artwork.
- It is also available in recessed version.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR<10).
- L90/B10 50.000h
- 3 SDCM



Model	LED Power	CCT	CRI80, CRI90 LED Source		Type	Beam Angle	Colour	Dimming Option
<b>DANDO FRAME SF</b> <i>(DANDO FRAME SF)</i>	12.8W (13)	2700K (27C)	80 (80)	90 (90)	Adjustable (AD)	27° max (27)	White (WH) Black (BL)	Non-Dimmable (ND)
		3000K (30C)	1100m	930m				Phase Cut (PC)
		4000K (40C)	1210m	1090m				48V PWM Dimmable (48)
		5000K (50C)	1225m	1070m				

Ordering Code Example: *DANDO FRAME SF-13-30C-80-AD-27-WH-ND*



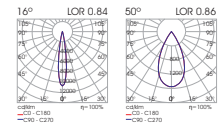
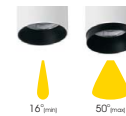
# DANDO ZOOM SF

- Dando Zoom SF is a surface downlight, flexible due to its adjustable beam angle.
- It is also available in recessed version.
- Available in black or white as standard but custom colours also available upon request.
- Low UGR ensuring visual comfort (UGR<19).
- L90/B10 50.000h
- 3 SDCM



Model	LED Power	CCT	CRI80 LED Source	CRI90 LED Source	Beam Angle	Type	Colour	Dimming Option
<b>DANDO ZOOM SF</b> <i>(DANDO ZOOM SF)</i>	12W (12)	2700K (27C)	80 (80)	90 (90)	Adjustable (16/50) 16°/max-50°/max	Adjustable (AD)	White (WH) Black (BL)	Non-Dimmable (ND)
		3000K (30C)	1194m	922m				Phase Cut (PC)
		4000K (40C)	1257m	1055m				48V PWM Dimmable (48)
			1307m	1106m				

Ordering Code Example: *DANDO ZOOM SF-12-30C-80-1650-AD-WH-ND*



# LACERTA



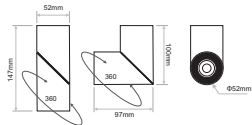
- LACERTA is a surface luminaire with a slim and elegant design, perfect solution for highly demanding spaces.
- Phase Cut Dimmable / Leading Edge only.
- 3 SDCM
- L90B10 50.000h
- Low UGR ensuring visual comfort.



Model (LED Power)	CCT*	CR180, CR190 LED Source	Beam Angle	Type	Colour	Dimming Option
		80 (80) 90 (93)				
<b>LACERTA 10W</b> (LACER10-10)	2700K (27C)	920lm 450lm	22° (22)	Adjustable (AD)	White/Black (WB)	230VAC Phase Cut Dimmable (230D) (Leading Edge)
	3000K (30C)	920lm 496lm	33° (33)			
	4000K (40C)	991lm 802lm	43° (43)			
	5700K (57C)	991lm -				

\* Available in other CCT upon request

Ordering Code Example:  
LACERTA 10-40C-90-33-AD-WB-230D



# ADORNO Surface Spotlight Retrofit

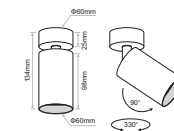
- Adorno series surface spotlight with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: honeycomb, linear spread lens, softening lens, spread lens.



Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
<b>ADORNO Surface Spotlight Retrofit</b> (ADORNO SF5R)	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Adjustable (AD)	GU10 (max 7.5W) (G1)	Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)



Ordering Code Example:  
ADORNO SF5R-WB-AD-G1-1



## ADORNO SF Retrofit



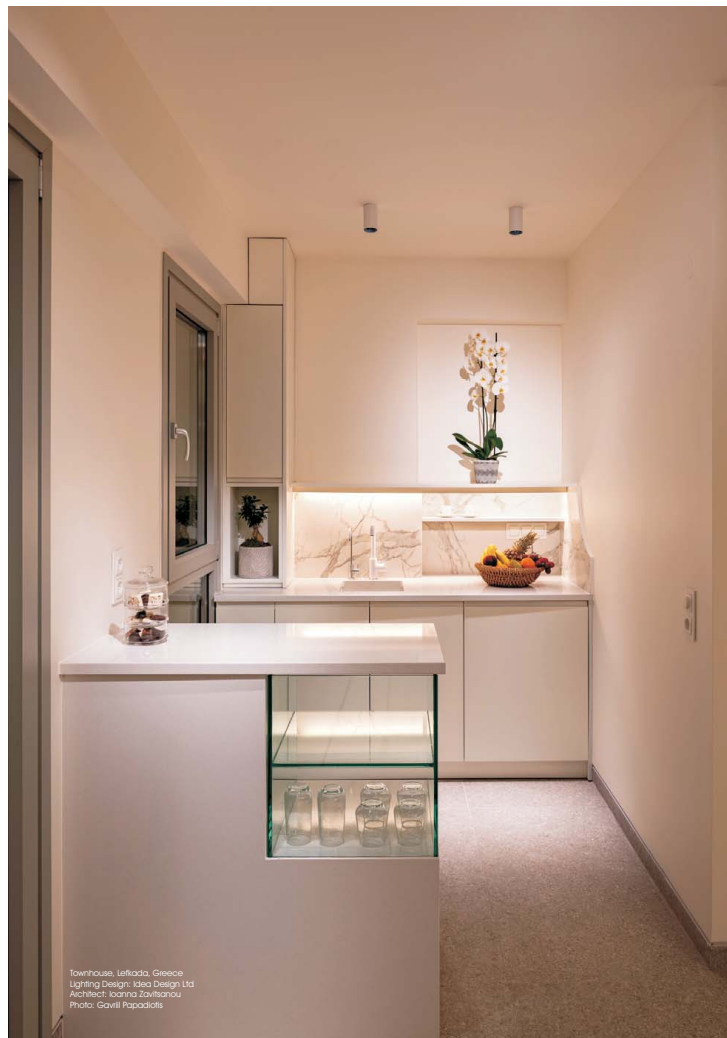
- Adorno series surface light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.
- Available with accessories: : honeycomb, linear spread lens, softening lens, spread lens.



Model	Outer Colour - Inner Colour	Type	Lamp Holder	Accessories
<b>ADORNO SF Retrofit</b> (ADORNO SFR)	White-Black (WB) White-White (WW) White-Gold (WG) Black-Black (BB) Black-White (BW) Black-Gold (BG)	Fixed (FX)	GU10 (max 7.5W) (G-1)	Standard (0) Honeycomb (1) Linear Spread (2) Softening Lens (3) Spread Lens (4)



Ordering Code Example:  
ADORNO SFR-WB-FX-G-1



Townhouse, Lefkada, Greece  
Lighting Design: Idea Design Ltd  
Architect: Ioanna Zovianou  
Photo: Gavril Pappadimitriou



- Moretto series of surface luminaires is available in single round or square and in double square form.
- It is available in white or black colour.
- It is supplied either with Bridgelux LED or with GU10 lamp holder (max 7.5W).
- 3SDCM
- L90/B10 50.000h

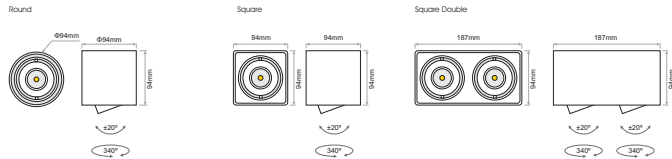
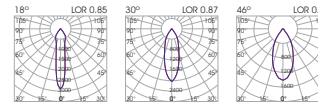
LIGHTSOURCE BY  
bridgelux.



Model	Shape	LED Power per LED	CCT*	CRI80, CR90 LED Source per LED		Beam Angle	Type	Colour	Dimming Option	
				80 (S1) 90 (S2)						
MORETTO (MORETTO)	Round (R)	6.1W (06)	2700K (27B)	785lm	654lm	18° (18)	Adjustable (AD)	White (WH) Black (BL)	230VAC Non-Dimmable (230ND)	
	Square (S)		3000K (30B)	817lm	681lm					
	Square Double (SD)		4000K (40B)	850lm	730lm					
			8.9W (09)	2700K (27B)	1089lm	908lm				30° (30) 46° (46)
				3000K (30B)	1135lm	946lm				
				4000K (40B)	1180lm	1014lm				

\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: MORETTO R 09-40B-90-46-AD-WH-230ND



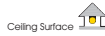
Model	Shape	Lamp Holder per Lamp	Type	Colour
MORETTO Retrofit (MORETTO RF)	Round (R)	GU10 (max 7.5W) (G1)	Adjustable (AD)	White (WH) Black (BL)
	Square (S)			
	Square Double (SD)			

Ordering Code Example: MORETTO RR-G1-AD-BL



# TALUS

- TALUS fixed downlight is available for surface or pendant installation.
- With a consumption of up to 31W is suitable for applications that require high lumen output.
- Available in black or white colour.
- 3 SDCM
- L90/B10 50.000h



- LYRA is a surface projector available in 15 watt.
- Available in black or white colour.
- 3 SDCM
- L90/B10 - 50.000h



# LYRA

LIGHTSOURCE BY  
bridgelux.

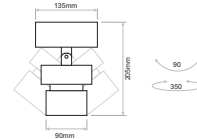
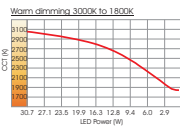
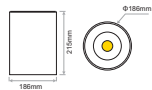
Model (LED Power*)	CCT**	CR80, CR90 LED Source	Type	Beam Angle	Colour	Dimming Option***	Accessories
		80 (80) 90 (90)					<b>ANTI-FLARE SHIELD</b>
<b>TALUS Surface 23.9W</b> (TALUS SF 24)	2700K (278)	3621lm	Fixed (FX)	20° (20)	White (WH)	Without Driver (G)	White Matt (1)
	3000K (308)	3847lm		40° (40)	Black (BL)	Non Dimmable (ND)	Black Matt (2)
	4000K (408)	3960lm		60° (60)		Analogue (1-10V) (A1)	Gold Matt (3)
<b>TALUS Pendant 23.9W</b> (TALUS PD 24)	5700K (578)	3847lm				DMX (DX)	
						DALI (DL)	
						Push Button (PB)	<b>EXTRAS</b>
						Phase Cut (PC)	No Extras (0)
							(XX)
							(0)
<b>TALUS Surface 31.3W</b> (TALUS SF 31)	2700K (278)	4510lm	Fixed (FX)	20° (20)	White (WH)	Without Driver (G)	White Matt (1)
	3000K (308)	4792lm		40° (40)	Black (BL)	Non Dimmable (ND)	Black Matt (2)
	4000K (408)	4933lm		60° (60)		Analogue (1-10V) (A1)	Gold Matt (3)
<b>TALUS Pendant 31.3W</b> (TALUS PD 31)	5700K (578)	4792lm				DMX (DX)	
						DALI (DL)	
						Push Button (PB)	<b>EXTRAS</b>
						Phase Cut (PC)	No Extras (0)

### Warm Dimmable

Model (LED Power*)	Warm Dimmable	CR85 LED Source	LED Source
<b>TALUS WD Surface 30.7W</b> (TALUS WD SF 31)	Warm Dimmable 1800K-3000K (WD)	95 (95)	2840lm
<b>TALUS WD Pendant 30.7W</b> (TALUS WD PD 31)			

\* In 31W models the driver must be externally installed.  
\*\* Models with CCTs of 3500K, 5000K & 6500K are available upon request.  
\*\*\* DMX drivers for Pendant (24W & 31W) and 31W Surface models must be externally installed.

Ordering Code Example: TALUS SF31-30B-80-FX-60-BL-DL-20



LIGHTSOURCE BY  
bridgelux.

Model (LED Power)	CCT*	LED Source	Type	CRI	Beam Angle	Colour	Dimming Option
<b>LYRA 14.7W</b> (LYRA 15)	2700K (278)	1230lm	Adjustable (AD)	80 (80)	70° (70)	White (WH)	230VAC Non-Dimmable (ND)
	3000K (308)	1340lm			80° (80)	Black (BL)	
	3500K (358)	1420lm					
	4000K (408)	1500lm					
	5000K (508)	1680lm					
	5600K (568)	1680lm					

\* 5000K & 5600K only available in CR70.

Ordering Code Example: LYRA 15-30B-AD-80-40-BL-ND





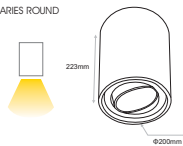
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.004	ARIES ROUND	AR 111	100W	12VAC	Not Included	3.4Kg	IP20
PCS.005	ARIES SQUARE	AR 111	100W	12VAC	Not Included	4.5Kg	IP20



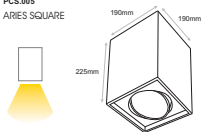
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.001	BAREL ROUND	Gx5.3	35W	12VAC	Not included	1.2Kg	IP20
PCS.002	BAREL SQUARE	Gx5.3	35W	12VAC	Not included	1.6Kg	IP20



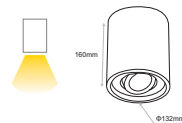
PCS.004  
ARIES ROUND



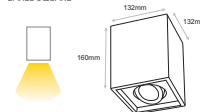
PCS.005  
ARIES SQUARE



PCS.001  
BAREL ROUND



PCS.002  
BAREL SQUARE

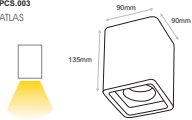




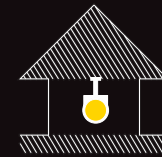
Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCS.003	ATLAS	GU10	35W	220-240VAC	Not included	1,98Kg	IP20



PCS.003  
ATLAS



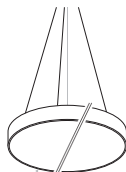
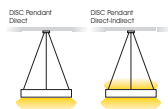
# INTERIOR PENDANT



## DISC PDD/PDDI (Pendant Direct/Pendant Direct-Indirect)



- Disc is a complete series of round luminaires available for surface, pendant, recessed and trackless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 22\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 19\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L60/B (L50:0.00h).
- Emergency Function capability, (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



Ø270, Ø400, Ø560, Ø850, Ø1130, Ø1420mm



LED source efficacy up to 216lm/W (4000K)  
Luminaire efficacy up to 148lm/W (4000K)

### Available upon request:

- ✓ Custom luminaire colours
- ✓ Emergency version

\*Glare Evaluation: X=4H / Y=5H, S=0,25H, Reflection factors: 70/50/20



**DISC PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct



Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras		
<b>DISC Pendant Direct High Power</b> (DISC PDD HP)	White (WH) (30)	3000K		> 80 (80) 3000k	> 80 (80) 4000k	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard (000) Emergency (100)		
	Black (BL) (40)	4000K	11.9W / 27cm (12W027) 26.2W / 40cm (26W040) 57.4W / 58cm (58W058) 123.8W / 85cm (124W085) 214.8W / 113cm (215W113) 336.6W / 142cm (337W142)	1910lm 3970lm 8670lm 17980lm 31060lm 49550lm	2070lm 4170lm 9110lm 18900lm 32650lm 52200lm	Low Glare (LG) ***		Analogue (A1) [1-10V] DALI (DL) [2L] Wireless (WL)			
	Grey (GR) (40)	4000K									
	<b>Canopy - Wire Rope Length</b>										
	No Canopy - 1.5m (000) 3m (001) Cable SF - 1.5m (010) 3m (011) Cable RC - 1.5m (020) 3m (021) Cable TR - 1.5m (030) 3m (031) Hybrid SF - 1.5m (040) 3m (041) Hybrid RC - 1.5m (050) 3m (051) Hybrid TR - 1.5m (060) 3m (061)										
	Metal tube****1.2m (070) (without wire rope)										
	<b>DISC Pendant Direct High Efficiency</b> (DISC PDD HE)				> 80 (80) 3000k	> 80 (80) 4000k	Opal (CP)				
							Low UGR (LU) ***				
		<b>HIGH EFFICIENCY</b>									
					4.5W / 27cm (05W027) 9.9W / 40cm (10W040) 21.2W / 58cm (21W058) 45.7W / 85cm (46W085) 79.4W / 113cm (80W113) 124.4W / 142cm (124W142)	810lm 1680lm 3640lm 7810lm 12830lm 20590lm	880lm 1770lm 3830lm 7810lm 13490lm 21700lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR < 22), Low UGR (UGR < 19)
- \*\*\*\* Metal tube is not available for 27cm.

Ordering Code Example: DISC PDD HP-BL-30-58W058-80-LG-230-ND-011



**DISC PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

Pendant Direct-Indirect



Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras		
<b>DISC Pendant Direct-Indirect High Power</b> (DISC PDDI HP)	White (WH) (30)	3000K		> 80 (80) 3000k	> 80 (80) 4000k	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard (000) Emergency (100)		
	Black (BL) (30)	3000K				Low Glare (LG) ***		Analogue (A1) [1-10V] DALI (DL) [2L] Wireless (WL)			
	Grey (GR) (30)	3000K									
	<b>Canopy - Wire Rope Length</b>										
	No Canopy - 1.5m (000) 3m (001) Cable SF - 1.5m (010) 3m (011) Cable RC - 1.5m (020) 3m (021) Cable TR - 1.5m (030) 3m (031) Hybrid SF - 1.5m (040) 3m (041) Hybrid RC - 1.5m (050) 3m (051) Hybrid TR - 1.5m (060) 3m (061)										
	Metal tube****1.2m (070) (without wire rope)										
	<b>DISC Pendant Direct-Indirect High Efficiency</b> (DISC PDDI HE)				> 80 (80) 3000k	> 80 (80) 4000k	Opal (CP)				
							Low UGR (LU) ***				
		<b>HIGH EFFICIENCY</b>									
					6.8W / 27cm (07W027) 14.8W / 40cm (15W040) 32W / 58cm (32W058) 70W / 85cm (70W085) 118.6W / 113cm (119W113) 184.3W / 142cm (184W142)	810lm 1680lm 3640lm 7810lm 12830lm 20590lm	880lm 1770lm 3830lm 7810lm 13490lm 21700lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR90 upon request.
- \*\*\* Low Glare (UGR < 22), Low UGR (UGR < 19)

Ordering Code Example: DISC PDDI HE-BL-30-32W058-80-LU-230-ND-011

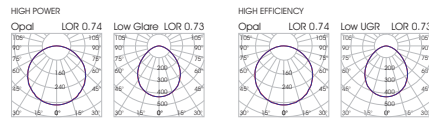


**DISC PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

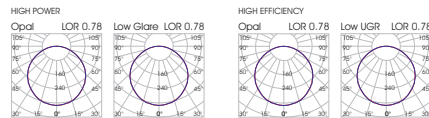


	Ø270mm	Ø400mm	Ø560mm	Ø850mm	Ø1130mm	Ø1420mm
<b>DISC PDD</b>						
HIGH POWER	12W	26W	50W	124W	215W	337W
HIGH EFFICIENCY	5W	10W	21W	46W	80W	124W
<b>DISC PDDI</b>						
HIGH POWER	18W	40W	88W	188W	325W	504W
HIGH EFFICIENCY	7W	15W	32W	70W	119W	184W
<b>Weight</b>	1.18kgs	2.59kgs	4.48kgs	9.40kgs	15.30kgs	23.70kgs

**Direct**



**Indirect**



**DISC PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

**Canopies & Suspension**

**1. Cable SF (Surface)**



**2. Cable RC (Recessed)**



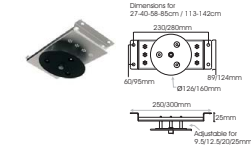
**3. Cable TR (Trimless)**



**4. Hybrid SF (Surface)**



**5. Hybrid RC (Recessed)**



**6. Hybrid TR (Trimless)**

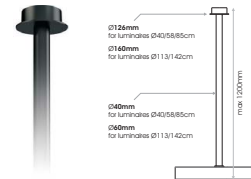


**Minimum allowed ceiling-luminaire distances for Hybrid canopies**

for 27cm - 35cm for 85cm - 85cm  
for 40cm - 40cm for 113cm - 110cm  
for 58cm - 60cm for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

**7. Metal Tube Suspension**  
(only for Pendant Direct models)

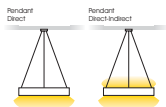


## ECLIPSE PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)



- ECLIPSE is a complete series of round luminaires available for surface, pendant, recessed and trackless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 23.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003) or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability: (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



LED source efficacy up to 199lm/W (4000K)  
Luminaire efficacy up to 115lm/W (4000K)

- Available upon request:**
- ✓ Custom luminaire colours
  - ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20

Ø580, Ø650, Ø1130, Ø1420mm

Ø400, Ø470, Ø950, Ø1240mm

80mm



**ECLIPSE PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct



Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>ECLIPSE Pendant Direct High Power</b> <i>(ECLIPSE PDD HP)</i>	White (W)	3000K	<b>HIGH POWER</b>	>80 (80) 3000k	>80 (80) 4000k	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard (000) Emergency (100)
	Black (BL)	4000K	46.2W / 58cm (46W058)	6910lm	7310lm	Low Glare (LG)***		Analogue (1-10V) (A1)	
	Grey (GR)	4000K	75W / 85cm (75W085)	11070lm	11740lm			DALI (DL)	<b>Canopy - Wire Rope Length</b> No Canopy - 1.5m (000) 3m (001) Cable SF - 1.5m (010) 3m (011) Cable RC - 1.5m (020) 3m (021) Cable TR - 1.5m (030) 3m (031) Hybrid SF - 1.5m (040) 3m (041) Hybrid RC - 1.5m (050) 3m (051) Hybrid TR - 1.5m (060) 3m (061)
<b>ECLIPSE Pendant Direct High Efficiency</b> <i>(ECLIPSE PDD HE)</i>	White (W)	3000K	<b>HIGH EFFICIENCY</b>	>80 (80) 3000k	>80 (80) 4000k	Opal (CP)			
	Black (BL)	4000K	17.6W / 58cm (18W058)	2940lm	3110lm	Low UGR (LU)***			
	Grey (GR)	4000K	26.7W / 85cm (27W085)	4450lm	4720lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR190 upon request
- \*\*\* Low Glare (UGR<20.8), Low UGR (UGR<18)

Ordering Code Example: ECLIPSE PDD HP-BL-30-105W113-80-LG-230-ND-011



**ECLIPSE PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

Pendant Direct-Indirect



Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>ECLIPSE Pendant Direct-Indirect High Power</b> <i>(ECLIPSE PDDI HP)</i>	White (W)	3000K	<b>HIGH POWER</b>	>80 (80) 3000k	>80 (80) 4000k	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Function Standard (000) Emergency (100)
	Black (BL)	4000K	69.3W / 58cm (69W058)	direct-indirect	direct-indirect	Low Glare (LG)***		Analogue (1-10V) (A1)	
	Grey (GR)	4000K	112.5W / 85cm (113W085)	11070lm	11740lm			DALI (DL)	<b>Canopy - Wire Rope Length</b> No Canopy - 1.5m (000) 3m (001) Cable SF - 1.5m (010) 3m (011) Cable RC - 1.5m (020) 3m (021) Cable TR - 1.5m (030) 3m (031) Hybrid SF - 1.5m (040) 3m (041) Hybrid RC - 1.5m (050) 3m (051) Hybrid TR - 1.5m (060) 3m (061)
<b>ECLIPSE Pendant Direct-Indirect High Efficiency</b> <i>(ECLIPSE PDDI HE)</i>	White (W)	3000K	<b>HIGH EFFICIENCY</b>	>80 (80) 3000k	>80 (80) 4000k	Opal (CP)			
	Black (BL)	4000K	26.3W / 58cm (26W058)	direct-indirect	direct-indirect	Low UGR (LU)***			
	Grey (GR)	4000K	40W / 85cm (40W085)	4450lm	4720lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR190 upon request.
- \*\*\* Low Glare (UGR<20.8), Low UGR (UGR<18)

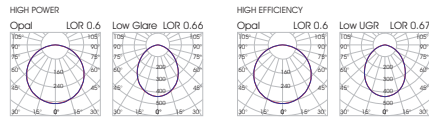
Ordering Code Example: ECLIPSE PDDI HP-BL-30-157W113-80-LG-230-ND-011



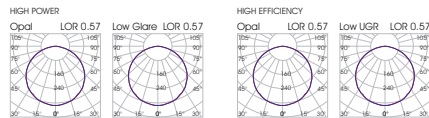


	Ø580mm	Ø850mm	Ø1130mm	Ø1420mm
<b>ECLIPSE PDD</b> HIGH POWER HIGH EFFICIENCY	46W 18W	75W 27W	105W 37W	134W 48W
<b>ECLIPSE PDDI</b> HIGH POWER HIGH EFFICIENCY	69W 26W	113W 40W	157W 56W	201W 72W
<b>Weight</b>	3.63kgs	5.48kgs	7.42kgs	10kgs

**Direct**

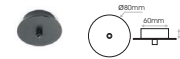


**Indirect**



**Canopies & Suspension**

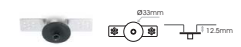
1. Cable SF (Surface)



2. Cable RC (Recessed)



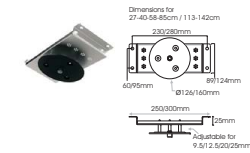
3. Cable TR (Trimless)



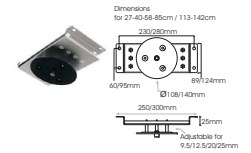
4. Hybrid SF (Surface)



5. Hybrid RC (Recessed)



6. Hybrid TR (Trimless)



Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm for 85cm - 85cm  
for 40cm - 40cm for 113cm - 110cm  
for 58cm - 60cm for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

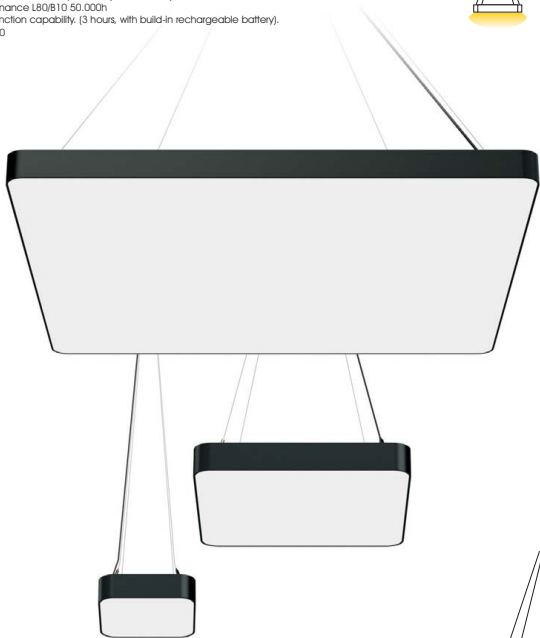


## LOOP PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)



- LOOP is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and firmless application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 21,8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18,6\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerance for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability, (3 hours, with build-in rechargeable battery).
- Indoor User: IP40

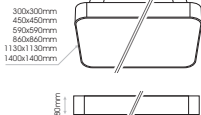


LED source efficacy up to 203lm/W (4000K)  
Luminaire efficacy up to 138lm/W (4000K)

**Available upon request:**

- ✓ Custom luminaire colours
- ✓ Emergency version

\*Glare Evaluation: X=4H / Y=8H, S=0,25H, Reflection factor: 70/50/20



**LOOP PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct

Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>LOOP Pendant Direct High Power</b> (LOOP PDD HP)	White (W)	3000K	<b>HIGH POWER</b>	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (000)
	Black (BL)	4000K	17.6W / 30x30cm (18W3030)	3000K	4000K	Low Glare (LG)***		Analogue (1-10V) (A1)	Emergency (100)
	Grey (GR)	4000K	39.5W / 45x45cm (40W4545)	5860m	6160m			DALI (DL)	Canopy - Wire Rope Length
			75W / 59x59cm (75W5959)	10720m	11270m			Wireless (WL)	No Canopy - 1.5m (000)
			153.5W / 86x86cm (154W8686)	22150m	23290m				3m (011)
			272.8W / 113x113cm (273W113113)	39380m	41400m				Cable SF - 1.5m (010)
			426.3W / 140x140cm (426W140140)	61540m	64700m				3m (011)
									Cable RC - 1.5m (020)
									3m (021)
									Cable TR - 1.5m (030)
								3m (031)	
								Hybrid SF - 1.5m (040)	
								3m (041)	
								Hybrid RC - 1.5m (050)	
								3m (051)	
								Hybrid TR - 1.5m (060)	
								3m (061)	
								Metal tube****1.2m (070) (without wire request)	
<b>LOOP Pendant Direct High Efficiency</b> (LOOP PDD HE)			<b>HIGH EFFICIENCY</b>	> 80 (80)	> 80 (80)	Opal (CP)			
			6.6W / 30x30cm (07W3030)	1130m	1180m	Low UGR (LU)***			
			13.4W / 45x45cm (13W4545)	2250m	2370m				
			25.9W / 59x59cm (26W5959)	4200m	4410m				
			58.3W / 86x86cm (58W8686)	9450m	9930m				
			103.7W / 113x113cm (104W113113)	16790m	17650m				
			162W / 140x140cm (162W140140)	26230m	27580m				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR190 upon request.
- \*\*\* Low Glare (UGR<21.8), Low UGR (UGR<18.6)
- \*\*\*\* Metal tube is not available for 27cm.

Ordering Code Example: LOOP PDD HP-BL-30-154W8686-80-LG-230-ND-011



**LOOP PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct-Indirect

Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>LOOP Pendant Direct-Indirect High Power</b> (LOOP PDDI HP)	White (W)	3000K	<b>HIGH POWER</b>	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	Fuction Standard (000)
	Black (BL)	3000K		DIRECT INDIRECT	DIRECT INDIRECT	Low Glare (LG)***		Analogue (1-10V) (A1)	Emergency (100)
	Grey (GR)	4000K	26W / 30x30cm (26W3030)	2650m	2780m			DALI (DL)	Canopy - Wire Rope Length
			59.7W / 45x45cm (60W4545)	5860m	6160m			Wireless (WL)	No Canopy - 1.5m (000)
			114.5W / 59x59cm (115W5959)	10720m	11270m				3m (001)
			235.3W / 86x86cm (235W8686)	22150m	23290m				Cable SF - 1.5m (010)
			409.4W / 113x113cm (409W113113)	39380m	41400m				3m (011)
			641.1W / 140x140cm (641W140140)	61540m	64700m				Cable RC - 1.5m (020)
				29720m	31230m				3m (021)
									Cable TR - 1.5m (030)
								3m (031)	
								Hybrid SF - 1.5m (040)	
								3m (041)	
								Hybrid RC - 1.5m (050)	
								3m (051)	
								Hybrid TR - 1.5m (060)	
								3m (061)	
<b>LOOP Pendant Direct-Indirect High Efficiency</b> (LOOP PDDI HE)			<b>HIGH EFFICIENCY</b>	> 80 (80)	> 80 (80)	Opal (CP)			
			9.4W / 30x30cm (09W3030)	1130m	1180m	Low UGR (LU)***			
			20.6W / 45x45cm (21W4545)	2250m	2370m				
			39.3W / 59x59cm (39W5959)	4200m	4410m				
			87.5W / 86x86cm (88W8686)	9450m	9930m				
			152.3W / 113x113cm (152W113113)	16790m	17650m				
			242.2W / 140x140cm (242W140140)	26230m	27580m				
				8390m	8760m				
				12770m	13420m				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR190 upon request.
- \*\*\* Low Glare (UGR<21.8), Low UGR (UGR<18.6)

Ordering Code Example: LOOP PDDI HE-BL-30-88W8686-80-LU-230-ND-011

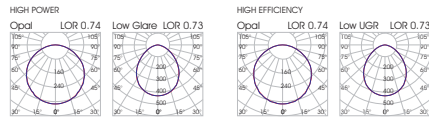


**LOOP PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

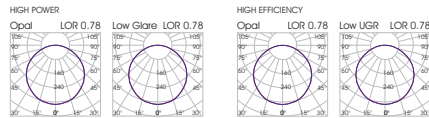


	300x300mm	450x450mm	590x590mm	860x860mm	1130x1130mm	1400x1400mm
<b>LOOP PDD</b> HIGH POWER HIGH EFFICIENCY	18W 7W	43W 13W	75W 26W	154W 58W	273W 104W	426W 162W
<b>LOOP PDDI</b> HIGH POWER HIGH EFFICIENCY	26W 9W	60W 21W	115W 39W	235W 88W	409W 152W	641W 242W
<b>Weight</b>	1.55Kgs	3.46Kgs	6.24Kgs	11.70Kgs	18.80Kgs	28Kgs

**Direct**



**Indirect**



**LOOP PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

**Canopies & Suspension**

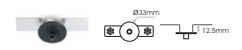
1. Cable SF (Surface)



2. Cable RC (Recessed)



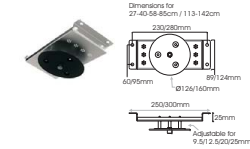
3. Cable TR (Trimless)



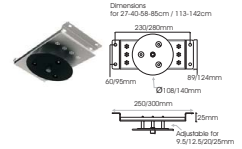
4. Hybrid SF (Surface)



5. Hybrid RC (Recessed)



6. Hybrid TR (Trimless)

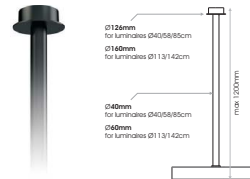


Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm for 85cm - 85cm  
for 40cm - 40cm for 113cm - 110cm  
for 58cm - 60cm for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

7. Metal Tube Suspension  
(only for Pendant Direct models)

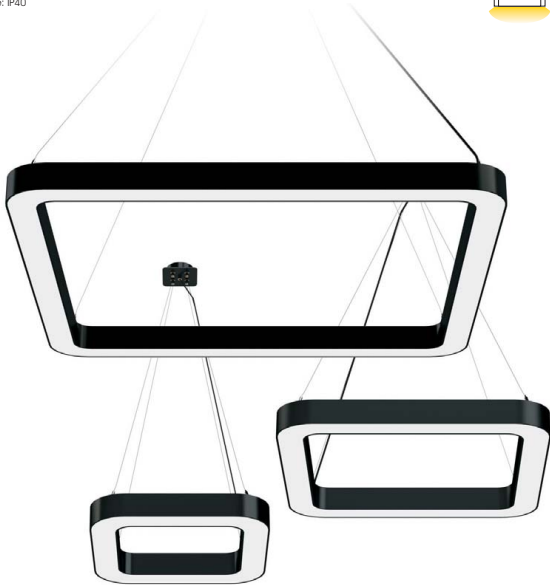
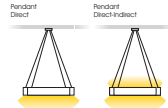


## ORBIT PDD/PDDI

(Pendant Direct/Pendant Direct-Indirect)



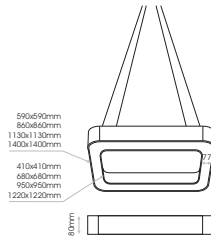
- ORBIT is a complete series of square with rounded corner luminaires available for surface, pendant, recessed and track application.
- The pendant version is offered either with only Direct or Direct/Indirect illumination.
- It consists of two models: High Power and High Efficiency.
- It is offered with a Low Glare (UGR < 23.8\*) as an option in the High Power model.
- It is offered with a Low UGR (UGR < 18\*) as an option in the High Efficiency model.
- Luminaire material: Aluminium.
- Cover material: PMMA
- Powder Coated: Black (RAL9005), White (RAL9003), or Grey (RAL7037) as standard.
- Custom luminaire colours also available on request.
- Low tolerances for colour temperature (MacAdam 3).
- Lumen maintenance L80/B10 50.000h
- Emergency Function capability: (3 hours, with built-in rechargeable battery).
- Indoor Use: IP40



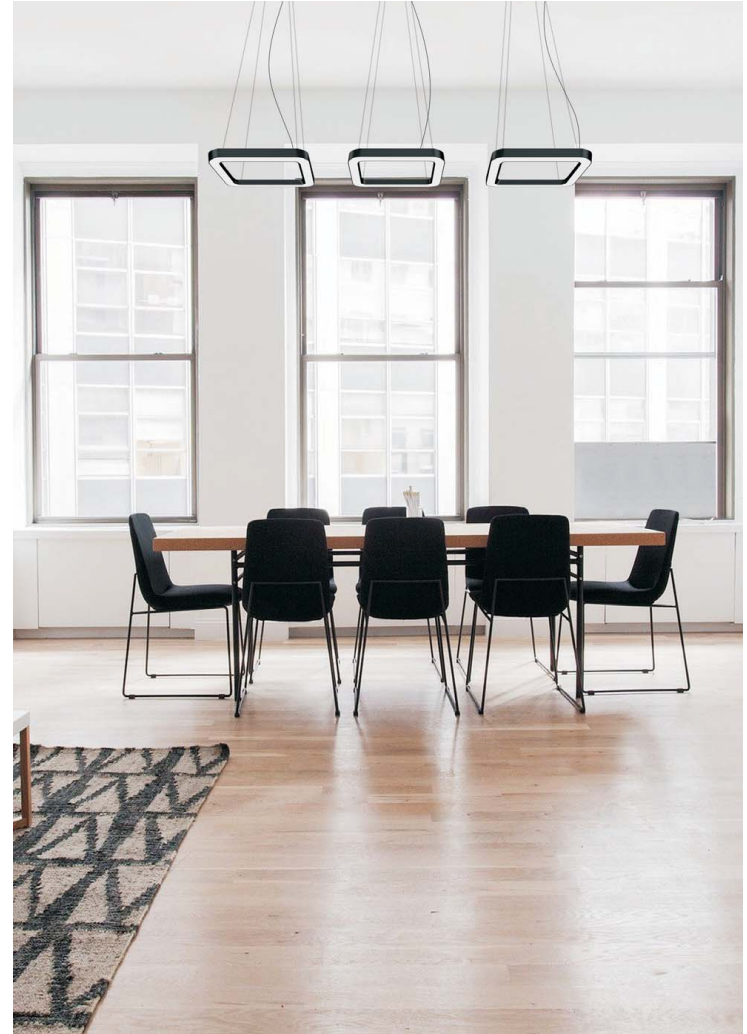
LED source efficacy up to 202lm/W (4000K)  
Luminaire efficacy up to 117lm/W (4000K)

**Available upon request:**

- ✓ Custom luminaire colours
- ✓ Emergency version



\*Glare Evaluation: X=4H / Y=8H, S=0.25H, Reflection factors: 70/50/20



**ORBIT PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)



Pendant Direct



Model	Luminaire Colour*	CCT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT Pendant Direct High Power</b> <i>(CRBIT PDD HP)</i>	White (W)	3000K (30)	<b>HIGH POWER</b>	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	<b>Function</b> Standard (000) Emergency (100)
	Black (BL)	4000K (40)	61.6W / 59x59cm (52W/5959)	9210lm	9750lm	Low Glare (LG)***		Analogue (1-10V) (A1)	
	Grey (GR)	4000K (40)	93.6W / 86x86cm (94W/8686)	14050lm	14860lm			DALI (DL)	<b>Canopy - Wire Rope Length</b> No Canopy - 1.5m (i00) 3m (i01) Cable SF - 1.5m (i10) 3m (i11) Cable RC - 1.5m (i20) 3m (i21) Cable TR - 1.5m (i30) 3m (i31) Hybrid SF - 1.5m (i40) 3m (i41) Hybrid RC - 1.5m (i50) 3m (i51) Hybrid TR - 1.5m (i60) 3m (i61)
<b>ORBIT Pendant Direct High Efficiency</b> <i>(CRBIT PDD HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 (80)	> 80 (80)	Opal (CP)			
			23.4W / 59x59cm (23W/5959)	3920lm	4150lm	Low UGR (LU)***			
			32.8W / 86x86cm (33W/8686)	5560lm	5880lm				
			45.1W / 113x113cm (45W/113113)	7650lm	8090lm				
			57.4W / 140x140cm (57W/140140)	9730lm	10290lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR190 upon request.
- \*\*\* Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: CRBIT PDD HP-WH-30-94WB/866-80-LG-230-ND-011



**ORBIT PDD/PDDI**  
(Pendant Direct/Pendant Direct-Indirect)

Pendant Direct-Indirect

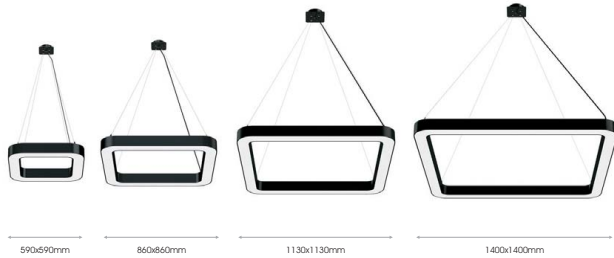


Model	Luminaire Colour*	CCT DIRECT-INDIRECT	Watt / Diameter	CR1** LED Source	CR1** LED Source	Type	Voltage	Dimming Option	Extras
<b>ORBIT Pendant Direct-Indirect High Power</b> <i>(CRBIT PDDI HP)</i>	White (W)	3000K	<b>HIGH POWER</b>	> 80 (80)	> 80 (80)	Opal (CP)	230VAC (230)	Non Dimmable (ND)	<b>Function</b> Standard (000) Emergency (100)
	Black (BL)	3000K (30)		DIRECT-INDIRECT	DIRECT-INDIRECT	Low Glare (LG)***		Analogue (1-10V) (A1)	
	Grey (GR)	4000K (40)	92.5W / 59x59cm (93W/5959)	9210lm	9750lm			DALI (DL)	<b>Canopy - Wire Rope Length</b> No Canopy - 1.5m (i00) 3m (i01) Cable SF - 1.5m (i10) 3m (i11) Cable RC - 1.5m (i20) 3m (i21) Cable TR - 1.5m (i30) 3m (i31) Hybrid SF - 1.5m (i40) 3m (i41) Hybrid RC - 1.5m (i50) 3m (i51) Hybrid TR - 1.5m (i60) 3m (i61)
<b>ORBIT Pendant Direct-Indirect High Efficiency</b> <i>(CRBIT PDDI HE)</i>			<b>HIGH EFFICIENCY</b>	> 80 (80)	> 80 (80)	Opal (CP)			
			33.8W / 59x59cm (34W/5959)	3920lm	4150lm	Low UGR (LU)***			
			50W / 86x86cm (50W/8686)	5560lm	5880lm				
			65.8W / 113x113cm (66W/113113)	7650lm	8090lm				
			84.9W / 140x140cm (85W/140140)	9730lm	10290lm				

- \* Custom luminaire colours available upon request.
- \*\* Available in CR190 upon request.
- \*\*\* Low Glare (UGR < 20.8), Low UGR (UGR < 18)

Ordering Code Example: CRBIT PDDI HE-WH-30-66W/113113-80-LU-230-ND-011

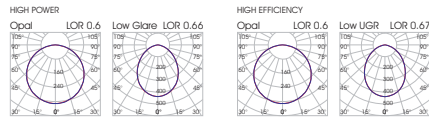




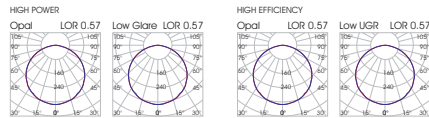
590x590mm      860x860mm      1130x1130mm      1400x1400mm

ORBIT PDD HIGH POWER HIGH EFFICIENCY	62W 23W	94W 33W	129W 45W	164W 57W
ORBIT PDDI HIGH POWER HIGH EFFICIENCY	93W 34W	145W 50W	194W 66W	251W 85W
Weight	4.40kgs	6.66kgs	9kgs	11.9kgs

**Direct**

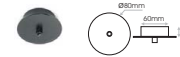


**Indirect**



**Canopies & Suspension**

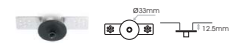
1. Cable SF (Surface)



2. Cable RC (recessed)



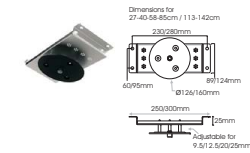
3. Cable TR (tires)



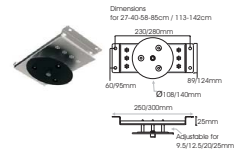
4. Hybrid SF (Surface)



5. Hybrid RC (Recessed)



6. Hybrid TR (tires)



Minimum allowed ceiling-luminaire distances for Hybrid canopies

for 27cm - 35cm      for 85cm - 85cm  
for 40cm - 40cm      for 113cm - 110cm  
for 58cm - 60cm      for 142cm - 160cm

For smaller distances, mount the wire ropes directly to the ceiling and use cable canopies.

# AURIGA

- AURIGA is a slim pendant luminaire available in non-dimmable version.
- Available in white colour.
- 3 SDCM
- L90/B10 - 50.000h



# ADORNO Pendant Retrofit

- Adorno series pendant light with GU10 lampholder, max 7.5W (lamp not included).
- Powder coated Aluminium housing.
- Minimal aesthetic for contemporary architectural design.
- Available in white or black colour for the outer housing and in white, black or gold for the inner housing.



manufactured by  
**bridgelux.**

Model (LED Power)	CCT	LED Source / per LED	Type	CRI	Beam Angle	Colour	Dimming Option
<b>AURIGA 6.4W</b> (AURIGA 6)	2700K (278)	505lm	Fixed (FX)	70* (70)	33° (33)	White (WH)	Non-Dimmable 230VAC (ND)
	3000K (308)	550lm		80 (80)	47° (47)		
	4000K (408)	590lm		90** (90)	65° (65)		
	5000K (508)	685lm					

\* 5600K only available in CRI 70  
\*\* CRI 90 only for 2700K & 3000K

Ordering Code Example: AURIGA 6- 3QB-70-47-FX-WH-ND



Model	Outer Colour - Inner Colour	Type	Lamp Holder
<b>ADORNO PD Retrofit</b> (ADORNO PD)	White-Black (WB)	Fixed (FX)	GU10 (max 7.5W) (E-T)
	White-White (WW)		
	White-Gold (WG)		
	Black-Black (BB)		
	Black-White (BW)		
Black-Gold (BG)			



Ordering Code Example: ADORNO PDR-WB-FX-G1



## SIENA S

Interior Pendant 

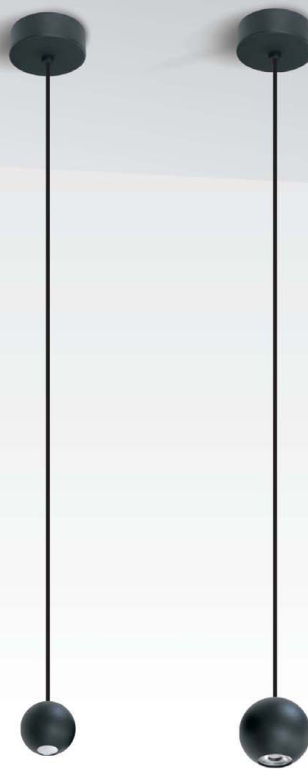
- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere  $\Phi 50$  and Sphere  $\Phi 70$ mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90B10 50.000h
- 3SDCM



Spot 6.5W

Acrylic 6.5W

Interior Pendant 



Sphere 4.5W

Sphere 6.5W

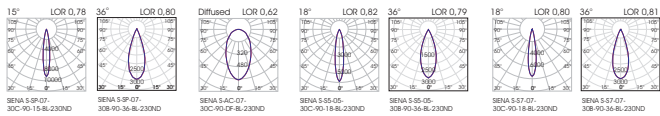
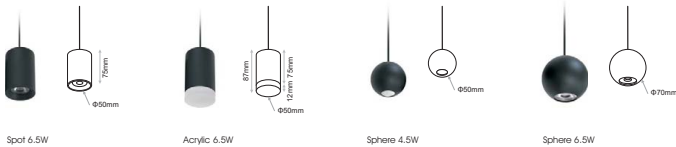


Model	Type	LED Power/ per spot	CCT	CSRO LED Source per spot	Beam Angle	Colour	Dimming Option**
SIENA S (SENA S)	Spot (SR)	6.5W (07)	2700K (27C)	615mm	15° (15)	Black (BL) (BL)	230V/AC Non-Dimmable (230ND)
			3000K (30C)	635mm	36° (36)	White (WH) (WH)	24V PWM Dimmable (24V)
			4000K (40C)	680mm		Gold* (GD) (GD)	48V PWM Dimmable (48V)
	ACRYLIC (AC)				Diffused (DF)	Phase Cut Dimmable** (PC)	
	Sphere Ø60mm (S5)	4.5W (05)	2700K (27C)	462mm	18° (18)		
			3000K (30C)	475mm	36° (36)		
			4000K (40C)	511mm			
	Sphere Ø70mm (S7)	6.5W (07)	2700K (27C)	650mm			
			3000K (30C)	680mm			
			4000K (40C)	720mm			

\* Gold only available for S5 and S7 models.

\*\* Phase cut dimming for SR AC,S7 only available in 4.5Watt. Trailing edge dimmers only.

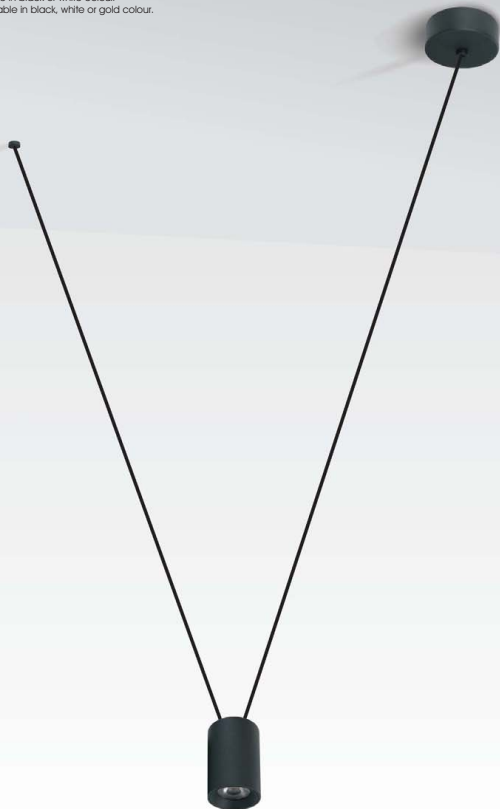
Ordering Code Example: SIENA S-AC-07-30C-90-DF-BL-230ND



# SIENA V

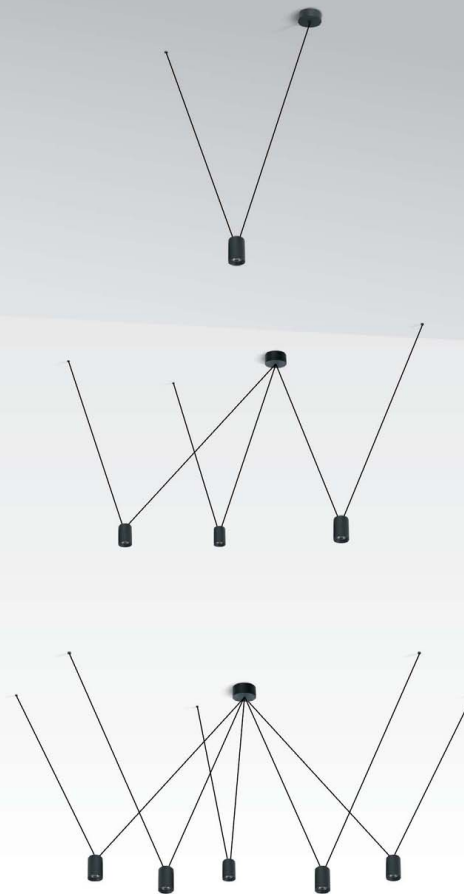
Interior Pendant 

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere  $\Phi 50$  and Sphere  $\Phi 70$ mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



Interior Pendant 

# SIENA V



SIENA V

SIENA V3

SIENA V5



Model	Type	LED Power/ per spot	CCT	CRWO LED source per spot	Beam Angle	Colour	Dimming Option**
SIENA V (SENA V)	Spot (SP)	6.5W (07)	2700K (27C) 3000K (30C) 4000K (40C)	615mm 635mm 680mm	15° (15)	Black (BL) White (WH) Gold* (GC)	230VAC Non-Dimmable (230ND) 24V PWM Dimmable (24V) 48V PWM Dimmable (48V) Phase Cut Dimmable** (PC)
					36° (36)		
	ACRYLIC (AC)				Diffused (DF)		
	Sphere 0.95mm (S5)	4.5W (05)	2700K (27C) 3000K (30C) 4000K (40C)	452mm	18° (18)		
475mm				36° (36)			
511mm							
Sphere 0.76mm (S7)	6.5W (07)	2700K (27C) 3000K (30C) 4000K (40C)	650mm				
			680mm				
			720mm				

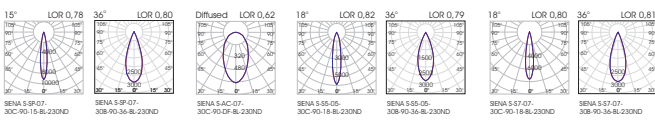
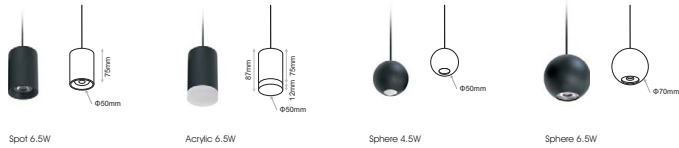
SIENA V3  
(SENA V3)

SIENA V5  
(SENA V5)

Non Dimmable (ND)  
48V PWM Dimmable (48V)  
Phase Cut Dimmable (PC)  
DALI (DL)  
Analogue (1-10V) (A1)  
Push Button (PB)

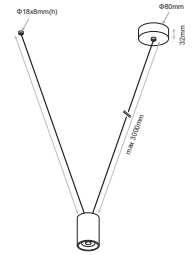
\* Gold only available for S5 and S7 models.  
\*\* Phase cut dimming for SP, AC, S7 only available in 4.5Watt. Trailing edge dimmers only.

Ordering Code Example: SIENA V-AC-07-30C-90-DF-BL-230ND

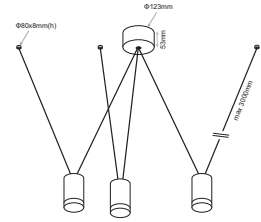


SIENA S-SP-07, CCT: 0-15-18-230ND  
SIENA S-SP-07, CCT: 90-34-8-230ND  
SIENA S-AC-07, CCT: 0-DF-BL-230ND  
SIENA S-S5-05, CCT: 90-18-BL-230ND  
SIENA S-S5-05, CCT: 90-34-8-230ND  
SIENA S-S7-07, CCT: 90-18-BL-230ND  
SIENA S-S7-07, CCT: 90-34-8-230ND

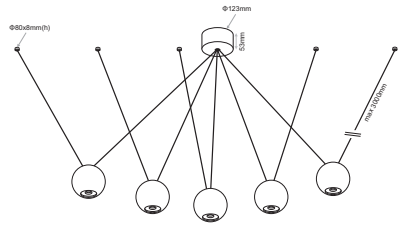
SIENA V



SIENA V3



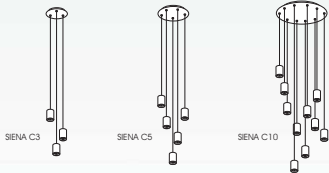
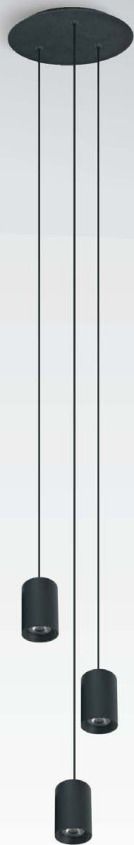
SIENA V5



# SIENA C

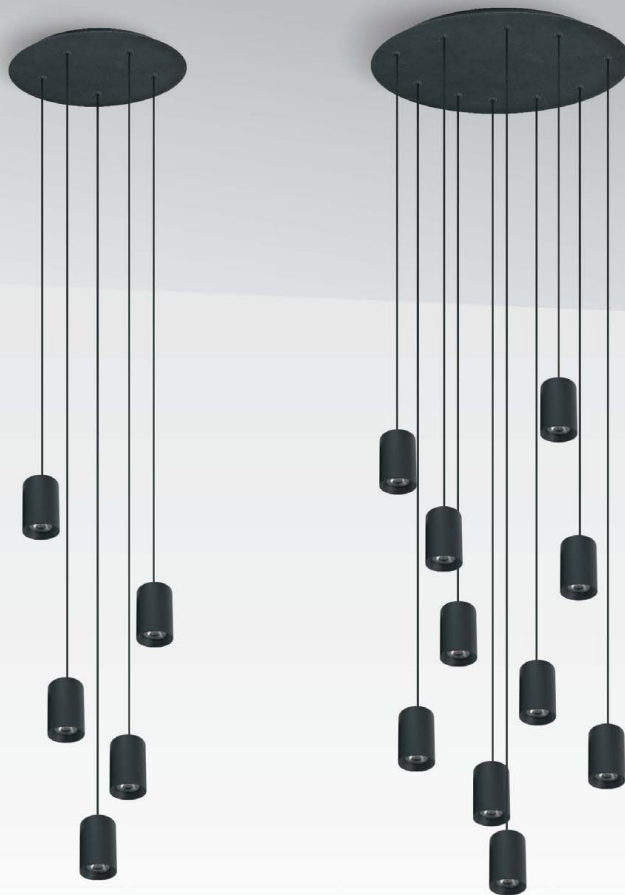
Interior Pendant 

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere  $\Phi 50$  and Sphere  $\Phi 70$ mm.
- Luminaire body material: aluminium.
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



Interior Pendant 

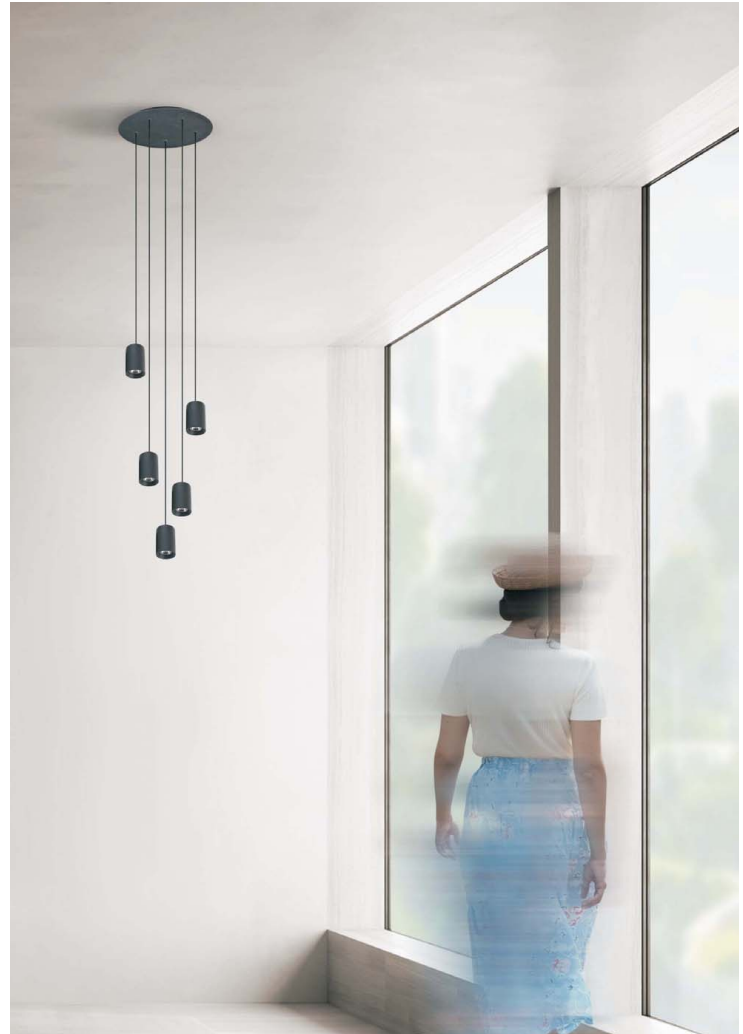
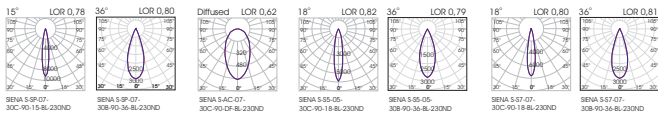
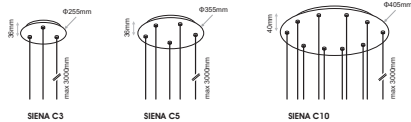
SIENA C



Model	Type	LED Power <sup>1</sup> per spot	CCT	CR90 LED source per spot	Beam Angle	Colour	Dimming Option
90° (90)							
SIENA C3 (SIENA C3)	Spot (SP)	6.5W (07)	2700K (27C)	615mm	15° (15)	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (30C)	635mm	36° (36)	White (WH)	48V PWM Dimmable (48V)
			4000K (40C)	680mm		Gold* (GD)	Phase Cut Dimmable (PC)
SIENA C5 (SIENA C5)	ACRYLIC (AC)						DALI (DL)
						Analogue (1-10V) (A1)	
						Push Button (PB)	
SIENA C10 (SIENA C10)	Sphere 0.55mm	4.5W (05)	2700K (27C)	462mm	18° (18)		Wireless (WL)
			3000K (30C)	475mm	36° (36)		
			4000K (40C)	511mm			
	Sphere 0.70mm	6.5W (07)	2700K (27C)	650mm			
3000K (30C)			680mm				
4000K (40C)			720mm				

\* Gold only available for S5 and S7 models.

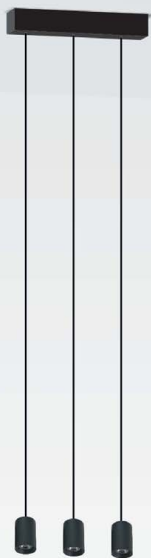
Ordering Code Example: SIENA C5-AC-07-30C-90-DF-BL-230ND



# SIENA RT



- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere  $\Phi 50$  and Sphere  $\Phi 70$ mm.
- Luminaire body material: aluminium
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



SIENA RT3



SIENA RT6



# SIENA RT



SIENA RT9

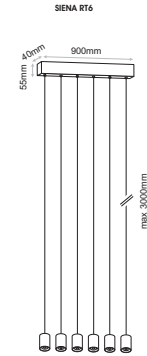
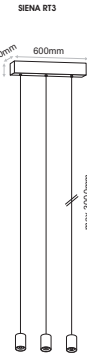
SIENA RT13



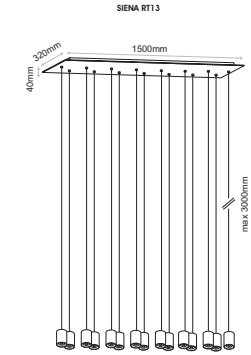
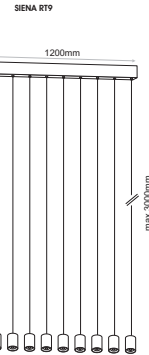
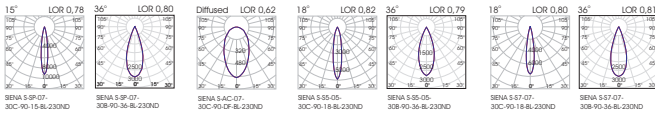
Model	Type	LED Power <sup>1</sup> per spot	CCT	CR90 LED source per spot	Beam Angle	Colour	Dimming Option
					90° (90)		
SIENA RT3 (SIENA RT3)	Spot (SP)	6.5W (07)	2700K (27C)	615mm	15° (15)	Black (BL)	230VAC Non-Dimmable (230ND)
			3000K (30C)	635mm	36° (36)	White (WH)	48V PWM Dimmable (48V)
SIENA RT6 (SIENA RT6)	ACRYLIC (AC)		2700K (27C)	680mm		Gold* (GC)	Phase Cut Dimmable (PC)
			4000K (40C)				DALI (DALI)
SIENA RT9 (SIENA RT9)						Analogue (1-10V) (A1)	Push Button (PB)
SIENA RT13 (SIENA RT13)	Sphere 0.50mm	4.5W (05)	2700K (27C)	462mm	18° (18)		Wireless (WL)
			3000K (30C)	475mm	36° (36)		
	Sphere 0.70mm	6.5W (07)	2700K (27C)	650mm			
			3000K (30C)	680mm			
			4000K (40C)	720mm			

\* Gold only available for S5 and S7 models.

Ordering Code Example: SIENA RT6-AC-07-30C-90-DF-BL-230ND



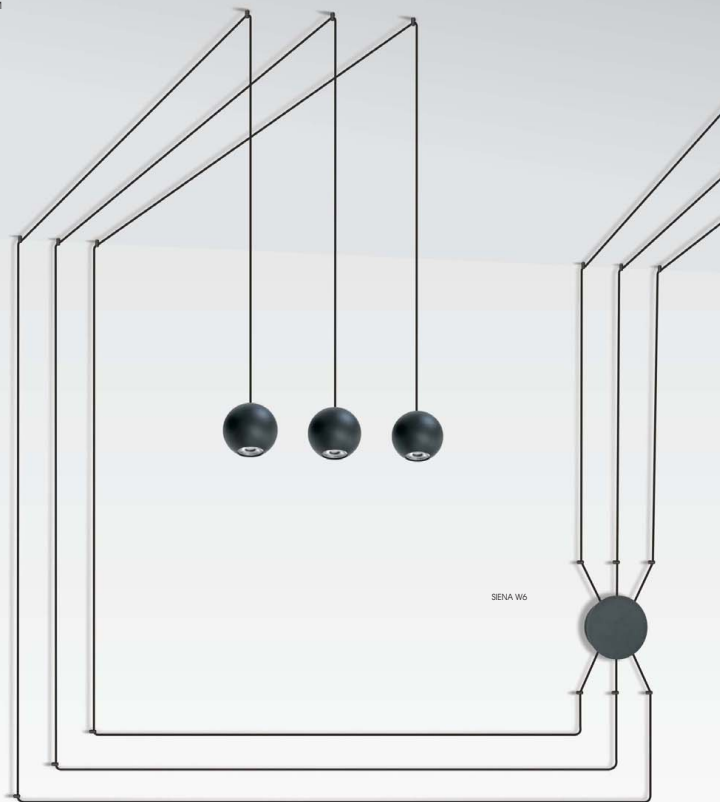
Spot 6.5W      Acrylic 6.5W      Sphere 4.5W      Sphere 6.5W



## SIENA W

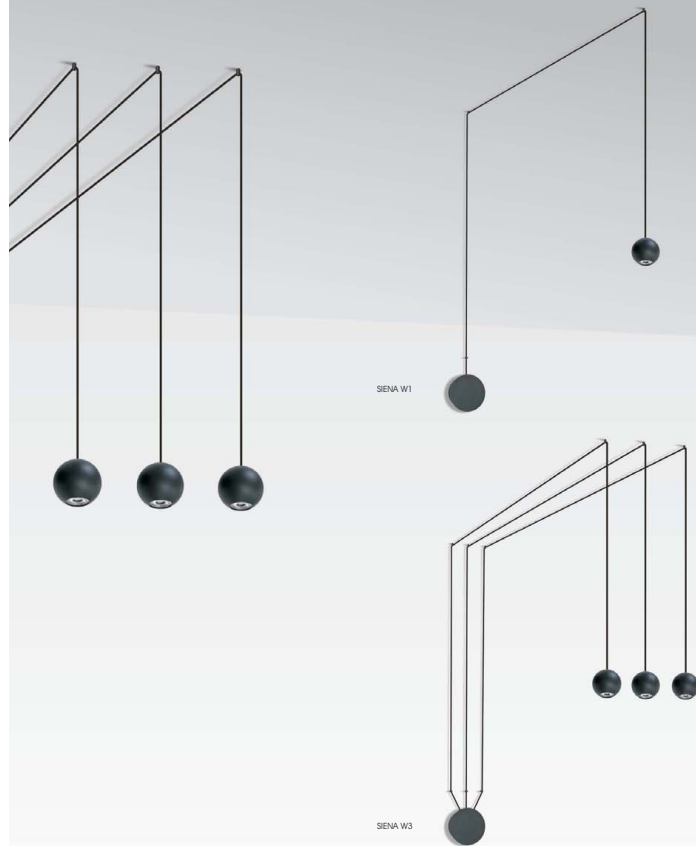
Interior Pendant 

- Siena family consists of pendant luminaires in various layouts.
- Available with four different endings: Spot, Acrylic Spot, Sphere  $\Phi 50$  and Sphere  $\Phi 70$ mm.
- Luminaire body material: aluminum
- Spots are available in black or white colour.
- Spheres are available in black, white or gold colour.
- L90/B10 50.000h
- 3SDCM



Interior Pendant 

SIENA W



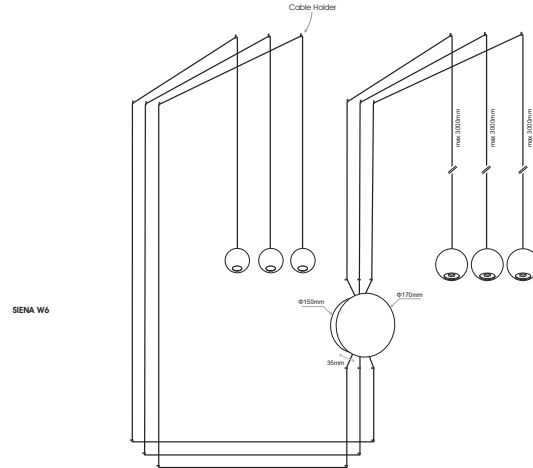
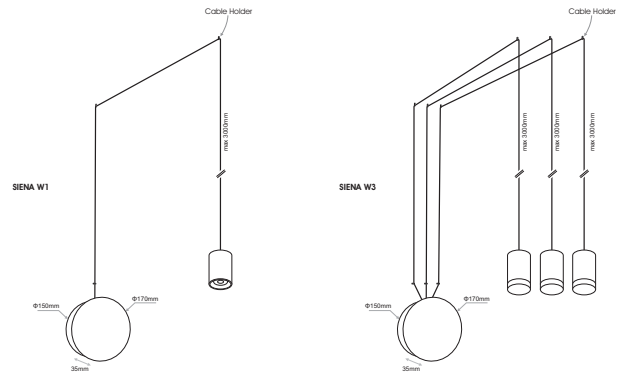
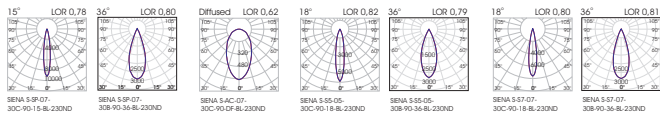


Manufactured by  
**bridgelux**

Model	Type	LED Power/ per spot	CCT	C890 LED Source per spot	Beam Angle	Colour	Dimming Option
90 (90)							
SIENA W1 <small>(SIENA W1)</small>	Spot (SP)	6.5W (D7)	2700K (27C)	615lm	15° (15)	Black (BL)	230V/AC Non-Dimmable (230ND)
			3000K (30C)	635lm	36° (36)	White (WH)	48V PWM Dimmable (48D)
			4000K (40C)	680lm		Phos Cut Dimmable (PC)	DAU (DA)
SIENA W3 <small>(SIENA W3)</small>	ACRYLIC (AC)					Analogue (1-10V) (A1)	Analogue (1-10V) (A1)
						Push Button (PB)	Push Button (PB)
							Wireless (WL)
SIENA W6 <small>(SIENA W6)</small>	Sphere (SS)	4.5W (O5)	2700K (27C)	462lm	18° (18)		
			3000K (30C)	475lm	36° (36)		
			4000K (40C)	511lm			
SIENA W6 <small>(SIENA W6)</small>	Sphere (S7)	6.5W (D7)	2700K (27C)	650lm			
			3000K (30C)	680lm			
			4000K (40C)	720lm			

\* Gold only available for S5 and S7 models.

Ordering Code Example: SIENA W3-AC-07-30C-90-DF-BL-230ND





- Nebbia series consists of pendant decorative luminaires that add an elegant touch into any space.
- Nebbia C is available in five different sizes and shapes.
- Lamp material: glass with a ring effect.
- Lamp holder main material: marble.
- It is available either monochromatic < 1800K or TW 2200K-4000K.

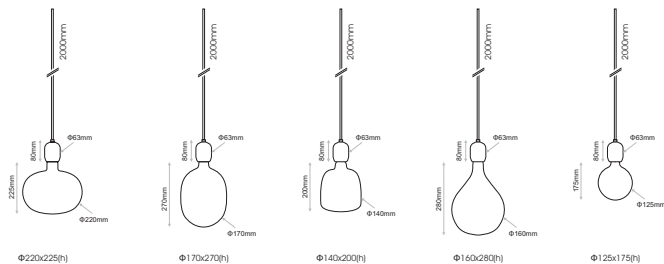
Model	LED Power	Dimensions	CCT*	CR190 LED Source	Beam Angle	Dimming Option	Lamp Holder Colour	
NEBBIA C (NEBBIA C)	4W (D4)	Φ220x225(h) (220) Φ170x270(h) (170) Φ140x200(h) (140) Φ160x280(h) (160) Φ125x175(h) (125)	< 1800K (18)	100lm	90 (F0)	Diffused (DF)	230VAC Dimmable (230D)	White (WH) Black (BL) Grey (GR) Green (GN)
	7W (D7)							

Ordering Code Example: NEBBIA C-04-160-18-90-DF-230D-BL

Lamp Holders Marble



White Black Grey Green



# NEBBIA P

Interior Pendant 



- Nebbia series consists of pendant decorative luminaires that add an elegant touch into any space.
- Nebbia P is available in five different sizes and shapes.
- Lamp material: glass with a porcelain effect.
- Lamp holder main material: marble.
- It is available either monochromatic <2200K or TW 2200K-4000K.

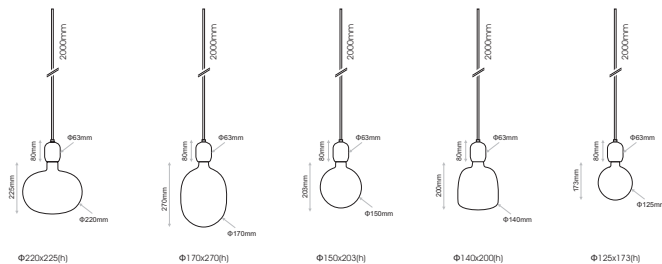
 Interior Pendant

NEBBIA P

Model	LED Power	Dimensions	CCT*	CR190 LED Source	Beam Angle	Dimming Option	Lamp Holder Colour
NEBBIA P <small>(NEBBIA P)</small>	4W (04)	Φ220x225(h) (220) Φ170x270(h) (170) Φ150x203(h) (150) Φ140x200(h) (140) Φ125x173(h) (125)	<2200K (22)	100lm	Diffused (DF)	230VAC Dimmable (230D)	White (WH) Black (BL) Grey (GR) Green (GN)
	7W (07)		Tunable White 2200K-4000K (2240)	900lm (4000K)			

Ordering Code Example: NEBBIA P-04-170-22-90-DF-230D-BL

Lamp Holders Marble





- Nebbia series consists of pendant decorative luminaires that add an elegant touch into any space.
- Nebbia S is available in four different sizes and shapes.
- Lamp material: glass with a silky effect.
- Lamp holder main material: marble.
- It is available monochromatic <1800K.

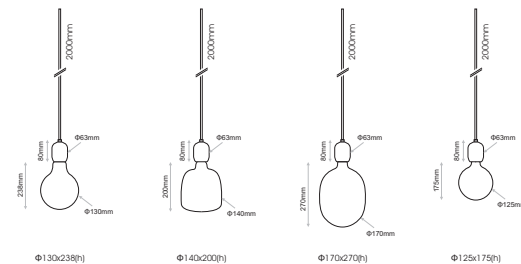
Model	LED Power	Dimensions	CCT	CR90 LED Source	Beam Angle	Dimming Option	Lamp Holder Colour	
<b>NEBBIA S</b> <small>(NEBBIA S)</small>	<b>4W</b> (04)	Φ130x238(h) (130)	<1800K (18)	140lm	90 (90)	Diffused (DF)	230VAC Dimmable (230D)	White (WH)
		Φ140x200(h) (140)						Black (BL)
		Φ170x270(h) (170)						Grey (GR)
		Φ125x175(h) (125)						Green (GRN)

Ordering Code Example: NEBBIA S-04-170-18-90-DF-230D-BL

Lamp Holders Marble



White Black Grey Green



# JERIS



Interior Pendant 

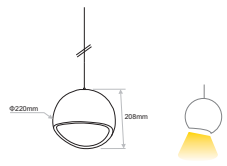
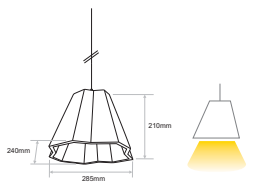
Interior Pendant 

# IRIS



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCR001	JERIS	E27	40W	220-240VAC	Not included	3.1Kg	IP20

Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCR002	IRIS	E27	40W	220-240VAC	Not included	3.4Kg	IP20

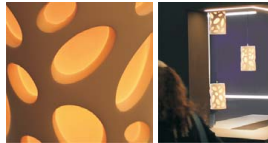
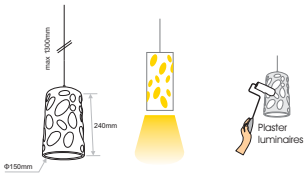


**METIS**

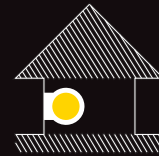
Interior Pendant 



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PCP003	METIS	E27	40W	220-240VAC	Not included	2Kg	IP20



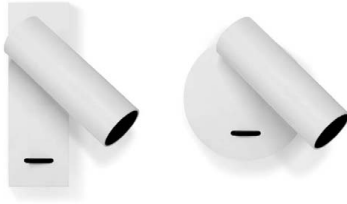
**I N T E  
R I O R  
W A L L  
S U R F A C E  
R E C E  
S S E D**



# STAY

- Recessed slim wall light available in round or rectangular shape.
- Ideal to be used as a reading light.
- Available in different degrees.

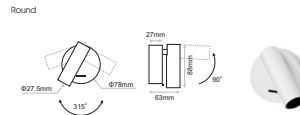
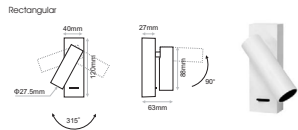
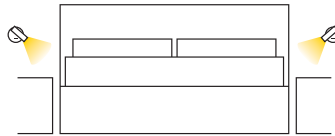
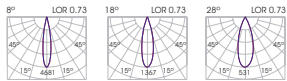
Interior Wall Surface, Recessed



CREE  
LEDs

Model	Shape	CCF	CR80, CR90 LED Source	Beam Angle	Colour	Voltage
			80 (80) 90 (90)			
<b>STAY Surface 2W</b> <i>(STAY SF2)</i>	Round (R0)	2700K (27C)	150m	150m	8° (R8)	230V Non Dimmable (230ND)
	Rectangular (RT)	3000K (30C)	165m	157m	18° (R18)	
		4000K (40C)	170m	165m	28° (R28)	

Ordering Code Example: STAY SF2-RD-30C-90-18-BL-230ND



# STAY RC

Interior Wall Surface, Recessed

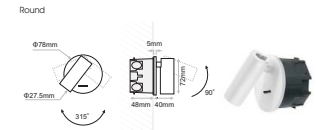
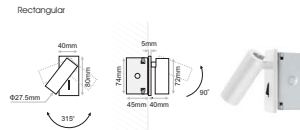
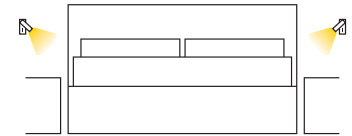
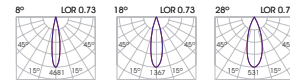
- Recessed slim wall light available in round or rectangular shape.
- Ideal to be used as a reading light.
- Available in different degrees.



CREE  
LEDs

Model	Shape	CCF	CR80, CR90 LED Source	Beam Angle	Colour	Voltage
			80 (80) 90 (90)			
<b>STAY Recessed 2W</b> <i>(STAY RC2)</i>	Round (R0)	2700K (27C)	150m	150m	8° (R8)	230V Non Dimmable (230ND)
	Rectangular (RT)	3000K (30C)	165m	157m	18° (R18)	
		4000K (40C)	170m	165m	28° (R28)	

Ordering Code Example: STAY RC2-RD-30C-90-18-BL-230ND



## SYLVA S

- SYLVA S is a reading light available with concealed lighting and a spotlight to illuminate a specific area.
- It can be custom made with one switch.
- It can be custom made with USB socket (no concealed lighting).

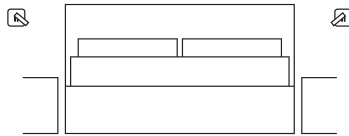
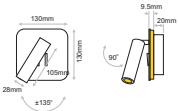
Interior Wall Surface, Recessed 



Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA S	10W	3000K	230VAC	Black White	130x130mm	IP20

IP20

\*Available with one switch upon request.  
 \*\*Available in different CCT upon request.  
 \*\*\*Available with USB upon request.



Interior Wall Surface, Recessed 

## SYLVA L / SYLVA R

- SYLVA L & R are reading lights available with concealed lighting, a spotlight and USB socket.
- It can be custom made with one switch.

USB 



SYLVA L

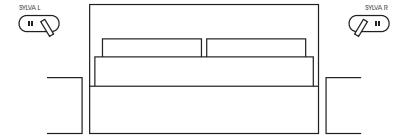
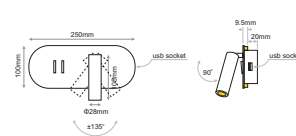


SYLVA R

Model*	Watt	CCT**	Voltage	Colour	Dimensions	IP Rate
SYLVA L	10W	3000K	230VAC	Black White	130x130mm	IP20
SYLVA R	10W	3000K	230VAC	Black White	130x130mm	IP20

IP20

\*Available with one switch upon request.  
 \*\*Available in different CCT upon request.





# NAMOS

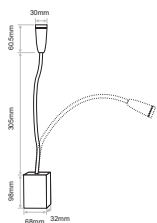
Interior Wall Surface, Recessed

- NAMOS reading light with gooseneck, available in white colour.



**CREE** LEDs

Code	Watt	CCT	Colour	Dimensions	Beam Angle	Voltage	IP Rate	
LW1.001	3W	3000K	White	Head: 30x60.5mm Base: 98x68x32mm	20°	230VAC	IP20	Dimmable



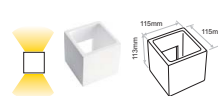
Interior Wall Surface, Recessed

# CUBE PL / FAROS-P



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.001	CUBE PL	G9	40W	220-240VAC	Not included	0.68Kg	IP20
PWM.011	FAROS-P	E14	40W	220-240VAC	Not included	2.41Kg	IP20

PWM.001  
CUBE PL



PWM.011  
FAROS-P

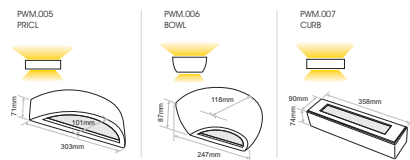


# PRICL / BOWL / CURB

Interior Wall Surface, Recessed 

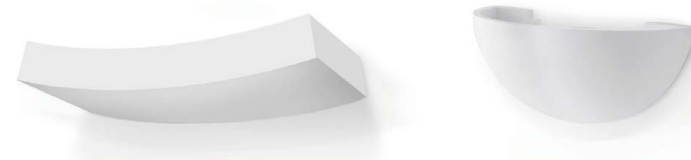


Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.005	PRICL	E14	40W	220-240VAC	Not included	0.82Kg	IP20
PWM.006	BOWL	E14	40W	220-240VAC	Not included	0.76Kg	IP20
PWM.007	CURB	2xE14	2x40W	220-240VAC	Not included	1.32Kg	IP20

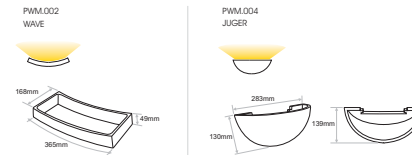
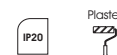


# WAVE / JUGER

Interior Wall Surface, Recessed 



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.002	WAVE	R7S	100W	220-240VAC	Not included	2.08Kg	IP20
PWM.004	JUGER	E14	40W	220-240VAC	Not included	1.1Kg	IP20



# CAFÉ / MENSA

Interior Wall Surface, Recessed 



Interior Wall Surface, Recessed 

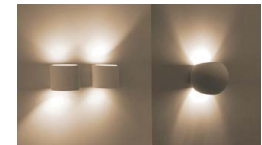
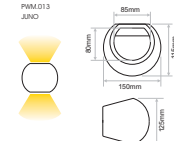
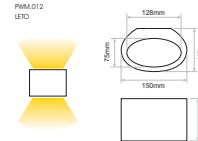
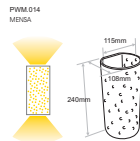
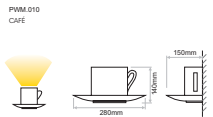
# LETO / JUNO



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.010	CAFÉ	G9	40W	220-240VAC	Not included	1.10Kg	IP20
PWM.014	MENSA	E14	40W	220-240VAC	Not included	1.50Kg	IP20



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
PWM.012	LETO	G9	40W	220-240VAC	Not included	0.75Kg	IP20
PWM.013	JUNO	G9	40W	220-240VAC	Not included	0.50Kg	IP20



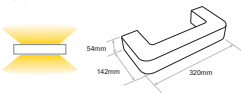


Code	Model	CCT	Watt	Constant Current	LED	Weight	IP Rate
<b>PWM.015</b>	EUROPA	3000K	1x3W	700mA	Included	1.05Kg	IP20
<b>PWM.016</b>	IDA	3000K	2x2W	500mA	Included	0.60Kg	IP20

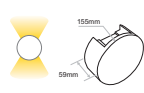


\* Available in 5000K & Blue upon request.

PWM.015  
EUROPA



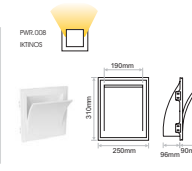
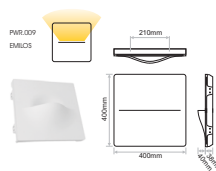
PWM.016  
IDA



Code	Model	Lamp Holder	Maximum Consumption	Voltage	Lamp	Weight	IP Rate
<b>PWR.009</b>	EMILOS	G9	40W	220-240VAC	Not included	3.6Kg	IP20
<b>PWR.008</b>	IKTINOS	E14	40W	220-240VAC	Not included	3.9Kg	IP20



\* Suitable for plasterboard 9mm-15mm



# URGO PL / URGO SLEEK

Interior Wall Surface, Recessed 



Code	Model	CCT / Colour	Watt	Constant Current	LED	Lamp	Weight	IP Rate
PWR.001	URGO PL	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	1.45x172mm	IP20
PWR.002	URGO SLEEK	5000K 3000K Blue	1x1W	350mA	Not included	0.64Kg	1.45x172mm	IP20



Plaster



LED Options  
 LED-302  
 1W / 350mA / 5000K  
 LED-303  
 1W / 350mA / 3000K  
 LED-304  
 1W / 350mA / BLUE

\*Suitable for plasterboard 9mm-15mm

PWR.001  
URGO PL



PWR.002  
URGO SLEEK



# CIRCLE PL / CIRCLE LPL

Interior Wall Surface, Recessed 



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight	IP Rate	
PWR.004	CIRCLE PL	5000K 3000K Blue	1x1W	350mA	Not included	1.08kg	162x182mm	IP20
PWR.003	CIRCLE LPL	5000K 3000K Blue	1x1W	350mA	Not included	1.30kg	202x202mm	IP20



Plaster



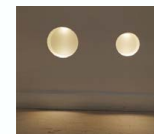
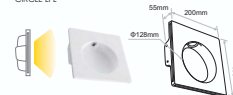
LED Options  
 LED-302  
 1W / 350mA / 5000K  
 LED-303  
 1W / 350mA / 3000K  
 LED-304  
 1W / 350mA / BLUE

\*Suitable for plasterboard 9mm-15mm

PWR.004  
CIRCLE PL




PWR.003  
CIRCLE LPL



# CERES L / CERES

Interior Wall Surface, Recessed 



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.012	CERES L	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	182x122mm	IP20
PWR.013	CERES	5000K 3000K Blue	1x1W	350mA	Not included	0.62Kg	102x102mm	IP20

\*Suitable for plasterboard 9mm-15mm

IP20



**LED Options**  
LED-302  
1W / 5000K / 5000K  
LED-303  
1W / 3000K / 3000K  
LED-304  
1W / 5000K / BLUE


PWR.012  
CERES L



PWR.013  
CERES



# NECK / SHAPE / TEAR

Interior Wall Surface, Recessed 



Code	Model	CCT / Colour	Watt	Constant Current	LED	Weight		IP Rate
PWR.005	NECK	5000K 3000K Blue	1x1W	350mA	Not included	1.00Kg	145x232mm	IP20
PWR.006	SHAPE	5000K 3000K Blue	1x1W	350mA	Not included	0.88Kg	110x247mm	IP20
PWR.007	TEAR	5000K 3000K Blue	1x1W	350mA	Not included	1.18Kg	103x322mm	IP20

\*Suitable for plasterboard 9mm-15mm

IP20



**LED Options**  
LED-302  
1W / 5000K / 5000K  
LED-303  
1W / 3000K / 3000K  
LED-304  
1W / 5000K / BLUE

PWR.005  
NECK



PWR.006  
SHAPE

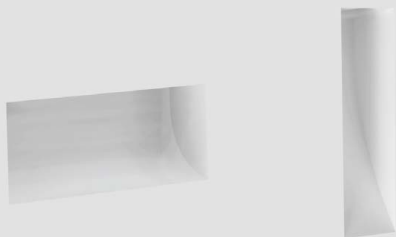


PWR.007  
TEAR



# MYRON / BEAM

Interior Wall Surface, Recessed 

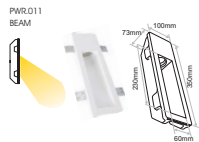


Code	Model	CCT	Watt	Constant Current	LED	Weight		IP Rate
PWR.010	MYRON	3000K	6.5W	350mA	Included	2.53Kg		IP20

\*Suitable for plasterboard 9-15mm

Code	Model	Lamp Holder	Watt	Voltage	LED	Weight		IP Rate
PWR.011	BEAM	Gx5.3 / MR16	35W	12VAC	Not included	1.53Kg		IP20

\*Suitable for plasterboard 9-15mm



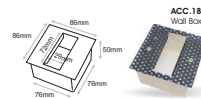
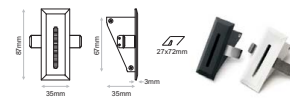
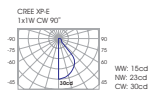
Interior Wall Surface, Recessed 



**CREE** LEDs 

Code	No.LED	CCT*	Material	Current	Beam Angle	Colour of fitting**	Weight	IP Rate
ALW.038	1x1W	3000K	Aluminium	350mA	90°	White	0.06Kg	IP20

\* Also available in 5000K upon request.  
\*\* Available in Black colour of fitting upon request.



## LED DOT BEAM, LED DOT DOME/FROST

Interior Wall Surface, Recessed 



### LED DOT BEAM

Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle**
<b>24°</b>						
DOT001	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2.5kHz	24°
DOT002		3000K				
DOT003		4000K				
DOT004		AMBER				
DOT005		BLUE				
DOT006		GREEN				
DOT007		RED				
<b>40°</b>						
DOT008	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2.5kHz	40°
DOT009		3000K				
DOT010		4000K				
DOT011		AMBER				
DOT012		BLUE				
DOT013		GREEN				
DOT014		RED				

\*Available in CCT 5000K upon request.  
\*\*Available in 16° upon request.

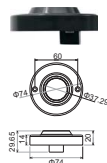
### LED DOT DOME/FROST

Code	No.LED	CCT* / Colour	Power Consumption	Operating Voltage	DIM	Beam Angle
DOT015	1	2700K	3W	9~32VDC	PWM 9 - 32V / 100Hz - 2.5kHz	120°
DOT016		3000K				
DOT017		4000K				
DOT018		AMBER				
DOT019		BLUE				
DOT020		GREEN				
DOT021		RED				

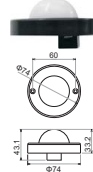
\*Available in CCT 5000K upon request.

**CREE** LEDs

LED DOT BEAM



LED DOT DOME/FROST



Wall Mounted



DOT BEAM with recessed standard wall box

DOT DOME/FROST with recessed standard wall box

# ALUMINIUM PROFILES







ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Evos Resort, Halkidiki, Greece  
AGARCH - ARCHITECTS

AWARD:  
Best Resort  
Best Landscape  
Special jury award for the highest total score  
Audience Award  
100% Hotel DesignAwards 2015

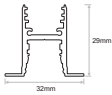
ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia Str, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

# LINILINE RECESSED

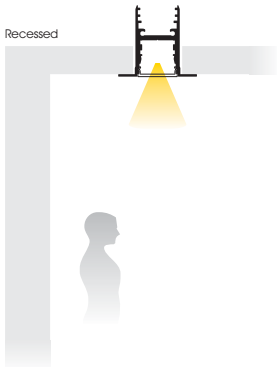
## Aluminium Profile



- Lineline recessed aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Recessed



## LINILINE RECESSED Aluminium Profile

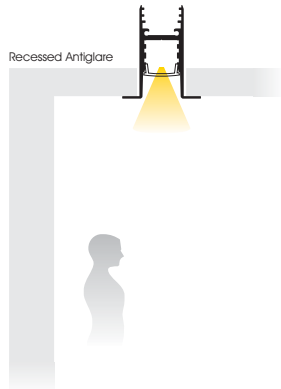
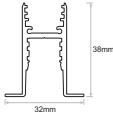
Image	Code	Description	Length	Design Detail
	<b>PRF.019</b>	LINILINE RECESSED alum.prof. / Anodized	2m	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	<b>COV.004</b> <b>COV.005</b> <b>COV.006</b>	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	<b>CAR.009</b>	END CAP ALUM.		
	<b>PRH.042</b>	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	<b>PRH.043</b> <b>PRH.044</b> <b>PRH.045</b> <b>PRH.046</b> <b>PRH.047</b> <b>PRH.048</b>	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	<b>PRH.049</b> <b>PRH.050</b> <b>PRH.051</b>	L TYPE LINILINE RECESSED T TYPE 90°LINILINE RECESSED X TYPE LINILINE RECESSED		
	<b>PRH.052</b> <b>PRH.053</b>	VER-I CORNER 90° LINILINE RECESSED VER-O CORNER 90° LINILINE RECESSED		

# LINILINE RECESSED ANTIGLARE

Aluminium Profile



- Liniline recessed antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



# LINILINE RECESSED ANTIGLARE Aluminium Profile

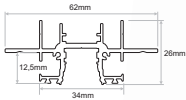
Image	Code	Description	Length	Design-Detail
	<b>PRF.079</b>	LINILINE RECESSED ANTIGLARE alum.prof. / Anodized	2m	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	<b>COV.018</b> <b>COV.017</b> <b>COV.007</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	<b>CAP.010</b>	END CAP ALUM.		
	<b>PRH.042</b>	RETENTION SPRING Note: Use 2 pcs for length up to 100cm, 3 pcs up to 150cm, 4 pcs up to 200cm		
	<b>PRH.043</b> <b>PRH.044</b> <b>PRH.045</b> <b>PRH.046</b> <b>PRH.047</b> <b>PRH.048</b>	EXTENSION LINE EXTENSION L 90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	<b>PRH.054</b> <b>PRH.055</b> <b>PRH.056</b>	L TYPE 90° LINILINE RECESSED AG T TYPE 90° LINILINE RECESSED AG X TYPE LINILINE RECESSED AG		
	<b>PRH.057</b> <b>PRH.058</b>	VER-I CORNER 90° LINILINE RECESSED AG VER-O CORNER 90° LINILINE RECESSED AG		

# LINILINE TRIMLESS

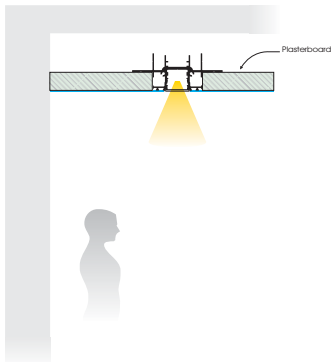
## Aluminium Profile



- Liniline trimless aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless



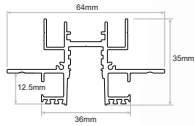
## LINILINE TRIMLESS Aluminium Profile

Image	Code	Description	Length	Design Detail
	<b>PRF.080</b>	LINILINE TRIMLESS alum.prof. / Anodized	2m	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	<b>COV.004</b> <b>COV.005</b> <b>COV.006</b>	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	<b>CAP.011</b>	END CAP ALUM.		
	<b>PRH.043</b> <b>PRH.044</b> <b>PRH.045</b> <b>PRH.046</b> <b>PRH.047</b> <b>PRH.048</b>	EXTENSION LINE EXTENSION L90° EXTENSION T EXTENSION X EXTENSION VER-I CORNER 90° EXTENSION VER-O CORNER 90°		
	<b>PRH.059</b> <b>PRH.060</b> <b>PRH.061</b>	L TYPE 90° LINILINE TRIMLESS T TYPE 90° LINILINE TRIMLESS X TYPE LINILINE TRIMLESS		
	<b>PRH.042</b> <b>PRH.063</b>	VER-I CORNER 90° LINILINE TRIMLESS VER-O CORNER 90° LINILINE TRIMLESS		

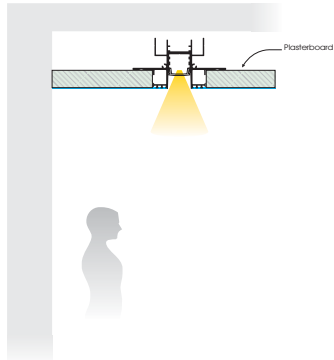
# LINILINE TRIMLESS ANTIGLARE Aluminium Profile



- Liniline trimless antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).



Trimless Antiglare



# LINILINE TRIMLESS ANTIGLARE Aluminium Profile

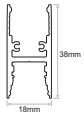
Image	Code	Description	Length	Design Detail
	PRF081	LINILINE TRIMLESS ANTIGLARE alum.prof. / Anodized	2m	
	PRF117	SLIDING BASE alum.prof. / Anodized	2m	
	COV033	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	COV018	POLYCARBONATE CLEAR COVER	2m	
	COV017	POLYCARBONATE OPAL COVER	2m	
	COV007	PMMA FROSTED COVER	2m	
	CAP012	END CAP ALUM.		
	PRH043	EXTENSION LINE		
	PRH044	EXTENSION L90°		
	PRH045	EXTENSION T		
	PRH046	EXTENSION X		
	PRH047	EXTENSION VER-I CORNER 90°		
	PRH048	EXTENSION VER-O CORNER 90°		
	PRH064	L TYPE 90° LINILINE TRIMLESS AG		
	PRH065	T TYPE 90° LINILINE TRIMLESS AG		
	PRH066	X TYPE LINILINE TRIMLESS AG		
	PRH067	VER-I CORNER 90° LINILINE TRIMLESS AG		
	PRH068	VER-O CORNER 90° LINILINE TRIMLESS AG		

# LINILINE SURFACE

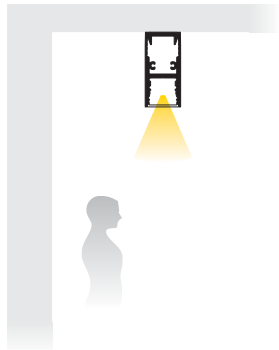
## Aluminium Profile



- Liniline surface aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



### Surface



# LINILINE SURFACE Aluminium Profile

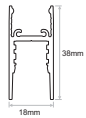
Image	Code	Description	Length	Design-Detail
	<b>PRF.082</b>	LINILINE SURFACE alum.prof. / Anodized	2m	
	<b>PRF.084</b>	LINILINE BASE alum.prof. / Anodized	2m Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1,5m, 4pcs up to 2m luminare length	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER	2m Note: At 70° only 10mm LED strip width	
	<b>COV.004</b> <b>COV.005</b> <b>COV.006</b>	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	<b>CAP.013</b> <b>CAP.014</b>	FRONT CAP ALUM. END CAP ALUM.		
	<b>PRH.069</b>	EXTENSION LINE		
	<b>PRH.070</b> <b>PRH.071</b> <b>PRH.072</b>	L TYPE 90° LINILINE SURFACE T TYPE 90° LINILINE SURFACE X TYPE LINILINE SURFACE		
	<b>PRH.073</b> <b>PRH.074</b>	VER-I CORNER 90° LINILINE SURFACE VER-O CORNER 90° LINILINE SURFACE		

# LINILINE SURFACE ANTIGLARE

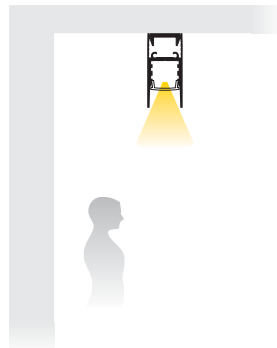
Aluminium Profile



- Liniline surface antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Surface Antiglare



# LINILINE SURFACE ANTIGLARE Aluminium Profile

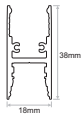
Image	Code	Description	Length	Design Detail
	<b>PRF083</b>	LINILINE SURFACE ANTIGLARE alum.prof. / Anodized	2m	
	<b>PRF084</b>	LINILINE BASE alum.prof. / Anodized Note: It must be cutted in pieces of 6cm. Use 2pcs up to 1m, 3pcs up to 1,5m, 4pcs up to 2m luminarie length	2m	
	<b>PRF117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV033</b>	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	<b>COV018</b> <b>COV017</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	<b>CAP015</b> <b>CAP016</b>	FRONT CAP ALUM. END CAP ALUM.		
	<b>PRH069</b>	EXTENSION LINE		
	<b>PRH075</b> <b>PRH076</b> <b>PRH077</b>	L TYPE 90° LINILINE SURFACE-AG T TYPE 90° LINILINE SURFACE-AG X TYPE LINILINE SURFACE-AG		
	<b>PRH078</b> <b>PRH079</b>	VER-I CORNER 90° LINILINE SURFACE-AG VER-O CORNER 90° LINILINE SURFACE-AG		

# LINILINE PENDANT

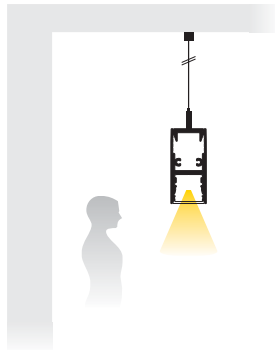
## Aluminium Profile



- Liniline pendant aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



### Pendant



## LINILINE PENDANT Aluminium Profile

Image	Code	Description	Length	Design-Detail
	<b>PRF.082</b>	LINILINE PENDANT alum.prof. / Anodized	2m	
	<b>PRF.084</b>	LINILINE TOP COVER alum.prof. / Anodized	2m	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	<b>COV.004</b>	PMMA CLEAR COVER	2m	
	<b>COV.005</b>	PMMA FROSTED COVER	2m	
	<b>COV.006</b>	PMMA SATIN COVER	2m	
	<b>CAP.014</b>	END CAP ALUM.		
	<b>ACC.191*</b> <b>ACC.233*</b>	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	<b>PRH.085</b>	CANOPY SURFACE LIGHT GREY		
	<b>PRH.086</b>	CANOPY RECESSED LIGHT GREY		
	<b>PRH.087</b>	CANOPY TRIMLESS LIGHT GREY		
	<b>PRH.037</b>	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	<b>PRH.038</b>	CABLE GLAND FOR LINILINE PENDANT		
	<b>PRH.099</b>	LINE ALIGNMENT		

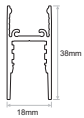


# LINILINE PENDANT ANTIGLARE

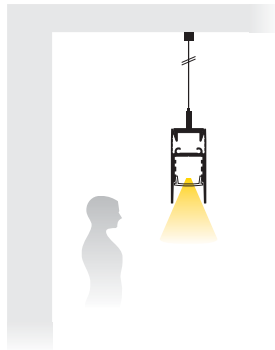
Aluminium Profile



- Liniline pendant antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



## Pendant Antiglare



# LINILINE PENDANT ANTIGLARE Aluminium Profile

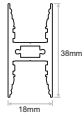
Image	Code	Description	Length	Design Detail
	<b>PRF.083</b>	LINILINE PENDANT ANTIGLARE alum.prof. / Anodized	2m	
	<b>PRF.084</b>	LINILINE TOP COVER alum.prof. / Anodized	2m	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER Note: At 60° only 10mm LED strip width	2m	
	<b>COV.018</b> <b>COV.017</b> <b>COV.007</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER Note: At 70° only 10mm LED strip width	2m 2m 2m	
	<b>CAR.016</b>	END CAP ALUM.		
	<b>ACC.191*</b> <b>ACC.233*</b>	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	<b>PRH.085</b> <b>PRH.086</b> <b>PRH.087</b>	CANOPY SURFACE LIGHT GREY CANOPY RECESSED LIGHT GREY CANOPY TRIMLESS LIGHT GREY		
	<b>PRH.037</b>	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension		
	<b>PRH.038</b>	CABLE GLAND FOR LINILINE PENDANT		
	<b>PRH.099</b>	LINE ALIGNMENT		

# LINILINE PENDANT DIRECT/INDIRECT

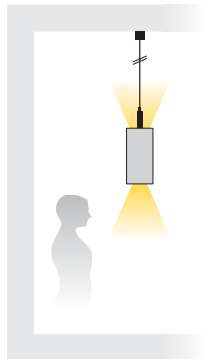
## Aluminium Profile



- Liniline pendant DIRECT/INDIRECT aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



### Pendant DIRECT/INDIRECT



## LINILINE PENDANT DIRECT/INDIRECT Aluminium Profile

Image	Code	Description	Length	Design-Detail	
	<b>PRF012</b>	LINILINE PENDANT DIRECT/INDIRECT alum.prof. / Anodized	2m		
	<b>PRF117</b>	SLIDING BASE alum.prof. / Anodized	2m		
	<b>COV033</b>	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m		<p>Create any possible beam angle combination, by choosing cover and sliding base position.</p> <p><b>Example:</b></p>
	<b>COV004</b>	PMMA CLEAR COVER	2m		
	<b>COV005</b>	PMMA FROSTED COVER	2m		
	<b>COV006</b>	PMMA SATIN COVER	2m		<p>* According to sliding base position and cover type.</p>
	<b>CAP006</b>	END CAP ALUM.			
	<b>PRH036</b>	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT			
	<b>ACC.191*</b> <b>ACC.233*</b>	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire			
	<b>PRH085</b>	CANOPY SURFACE LIGHT GREY			
	<b>PRH086</b>	CANOPY RECESSED LIGHT GREY			
	<b>PRH087</b>	CANOPY TRIMLESS LIGHT GREY			
	<b>PRH037</b>	CABLE RESTRAINT ON WIRE ROPE Note: 2pcs for 150cm & 3pcs for 300cm ceiling suspension			
	<b>PRH038</b>	CABLE GLAND FOR LINILINE PENDANT			

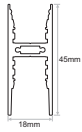
Canopy also available in black, white or different RAL colours upon request.

# LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE

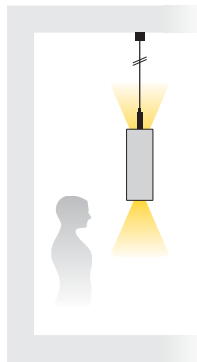
Aluminium Profile



- Liniline pendant DIRECT/INDIRECT antiglare aluminium profile.
- Special design and construction to meet the most demanding lighting designs.
- Variety of accessories.
- Available either with lens or with cover (clear, frosted, satin).
- Available also in black, white or different RAL colours upon request.



Pendant DIRECT/INDIRECT Antiglare



# LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE Aluminium Profile

Image	Code	Description	Length	Design Detail
	<b>PRF018</b>	LINILINE PENDANT DIRECT/INDIRECT ANTIGLARE alum.prof. / Anodized	2m	
	<b>PRF117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV033</b>	PMMA LENS COVER Note: At 70° only 10mm LED strip width	2m	
	<b>COV004</b>	PMMA CLEAR COVER	2m	
	<b>COV005</b>	PMMA FROSTED COVER	2m	
	<b>COV006</b>	PMMA SATIN COVER	2m	
	<b>COV018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV007</b>	PMMA FROSTED COVER	2m	
	<b>CAR008</b>	END CAP ALUM.		
	<b>PRH036</b>	HANGING SET FOR LINILINE PENDANT DIRECT/INDIRECT		
	<b>ACC.191*</b> <b>ACC.233*</b>	CEILING SUSPENSION 150cm CEILING SUSPENSION 300cm * Note: 2pcs needed for each luminaire		
	<b>PRH.085</b>	CANOPY SURFACE LIGHT GREY		
	<b>PRH.086</b>	CANOPY RECESSED LIGHT GREY		
	<b>PRH.087</b>	CANOPY TRIMLESS LIGHT GREY		
	<b>PRH.037</b>	CABLE RESTRAINT ON WIRE ROPE		
	<b>PRH.038</b>	CABLE GLAND FOR LINILINE PENDANT		

Create any possible beam angle combination, by choosing cover and sliding base position

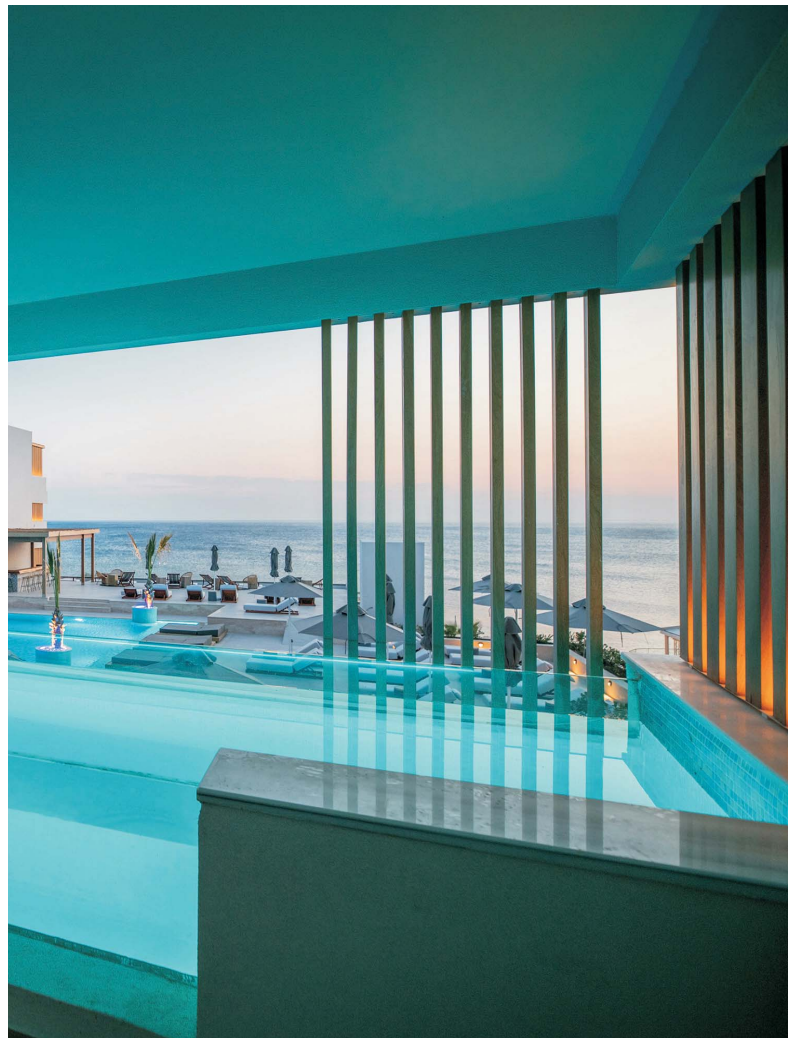
Example:  
30°  
70°

Canopy also available in black, white or different RAL colours upon request.

Avasha Beach Hotel & Spa  
(Herakleion Crete / Greece)

Architects: schema 4 architects  
Photos: Manos Elchetzis

AWARDS:  
BIGSEE Interior Design AWARD 2022 Winner

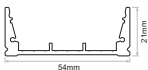


# OUTLINER 50

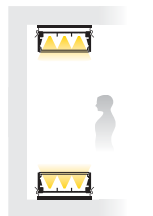
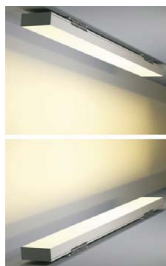
Aluminium Profile



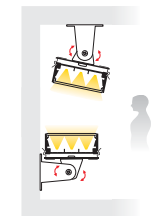
- OUTLINER 50 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



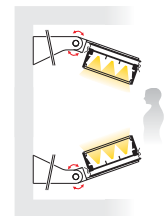
FIXED installation



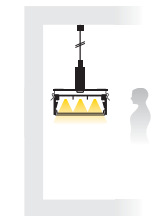
SURFACE installation



WALL BRACKET (Long/Short) installation



PENDANT installation



OUTLINER 50 Aluminium Profile



Image	Code	Description	Length	Design-Detail
	<b>PRF128</b>	OUTLINER 50 alum.prof. / Anodized	2m	
	<b>COV045</b> <b>COV046</b> <b>COV047</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	<b>CAP135</b> <b>CAP136</b>	FRONT CAP (aluminium) for OUTLINER 50 END CAP (aluminium) for OUTLINER 50		
	<b>PRH.008</b>	STAINLESS STEEL HOLDER for FIXED installation		
	<b>PRH.011</b>	BRACKET for SURFACE installation		
	<b>PRH.016</b> <sup>1)</sup> <b>PRH.017</b> <sup>2)</sup>	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	<b>PRH.020</b>	ANTISLIPPER for VERTICAL installation (use two Antislipper per luminaire)		
	<b>PRH.025</b> <sup>3)</sup> <b>PRH.026</b> <sup>3)</sup>	CEILING SUSPENSION Installation 150cm (per piece) CEILING SUSPENSION Installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1.5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

# OUTLINER 40

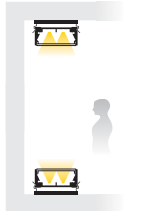
Aluminium Profile



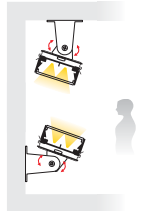
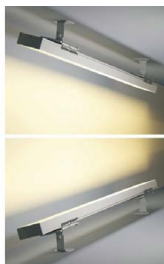
- OUTLINER 40 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



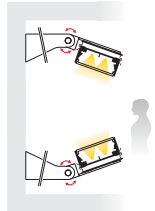
FIXED installation



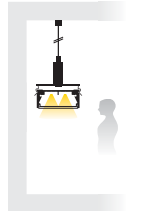
SURFACE installation



WALL BRACKET (Long/Short) installation



PENDANT installation



OUTLINER 40 Aluminium Profile



Image	Code	Description	Length	Design-Detail
	<b>PRF.125</b>	OUTLINER 40 alum.prof. / Anodized	2m	
	<b>COV.042</b> <b>COV.043</b> <b>COV.044</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	<b>CAP.131</b> <b>CAP.132</b>	FRONT CAP (aluminium) for OUTLINER 40 END CAP (aluminium) for OUTLINER 40		
	<b>PRH.007<sup>(1)</sup></b>	STAINLESS STEEL HOLDER for FIXED installation		
	<b>PRH.010<sup>(1)</sup></b>	BRACKET for SURFACE installation		
	<b>PRH.014<sup>(2)</sup></b> <b>PRH.015<sup>(2)</sup></b>	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	<b>PRH.019</b>	ANTISLIPPER for VERTICAL installation (use one Antislipper per luminaire)		
	<b>PRH.023<sup>(3)</sup></b> <b>PRH.024<sup>(3)</sup></b>	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm. 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm. 1.5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

# OUTLINER 30

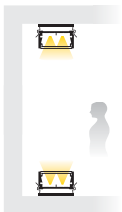
Aluminium Profile



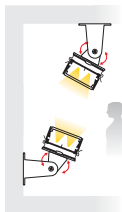
- OUTLINER 30 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



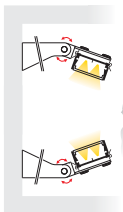
FIXED installation



SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



OUTLINER 30 Aluminium Profile



Image	Code	Description	Length	Design-Detail
	<b>PRF.123</b>	OUTLINER 30 alum.prof. / Anodized	2m	
	<b>COV.039</b> <b>COV.040</b> <b>COV.041</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	<b>CAP.127</b> <b>CAP.128</b>	FRONT CAP (aluminium) for OUTLINER 30 END CAP (aluminium) for OUTLINER 30		
	<b>PRH.006</b> <sup>(1)</sup>	STAINLESS STEEL HOLDER for FIXED installation		
	<b>PRH.009</b> <sup>(1)</sup>	BRACKET for SURFACE installation		
	<b>PRH.012</b> <sup>(1)</sup> <b>PRH.013</b> <sup>(1)</sup>	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	<b>PRH.021</b> <sup>(1)</sup> <b>PRH.022</b> <sup>(1)</sup>	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 130cm, 3 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 130cm; 1.5 pair for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.

# OUTLINER 20

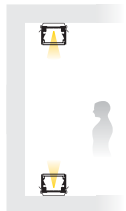
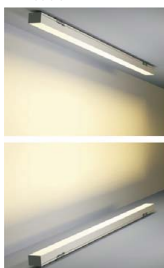
Aluminium Profile



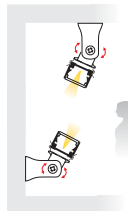
- OUTLINER 20 aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Multiple mounting options.
- Family member of OUTLINER Series, with variety of luminous area widths (20,30,40,50).
- Available also in black, white or different RAL colours upon request.



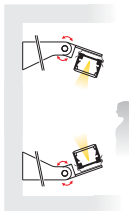
FIXED Installation



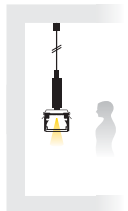
SURFACE Installation



WALL BRACKET (Long-Short) Installation



PENDANT Installation



OUTLINER 20 Aluminium Profile



Image	Code	Description	Length	Design-Details
	<b>PRF.119</b>	OUTLINER 20 alum.prof. / Anodized	2m	
	<b>COV.035</b> <b>COV.036</b> <b>COV.037</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	<b>CAP.123</b> <b>CAP.124</b>	FRONT CAP (aluminium) for OUTLINER 20 END CAP (aluminium) for OUTLINER 20		
	<b>ELA.008<sup>4</sup></b>	STAINLESS STEEL HOLDER for FIXED Installation		
	<b>ACC.048<sup>1)</sup></b>	BRACKET for SURFACE Installation		
	<b>ACC.284<sup>2)</sup></b> <b>ACC.285<sup>2)</sup></b>	WALL BRACKET LONG (pair) for OUTLINER 20 WALL BRACKET SHORT (pair) for OUTLINER 20		
	<b>ACC.286<sup>3)</sup></b> <b>ACC.287<sup>3)</sup></b>	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 100cm, 3 pcs for lengths up to 150cm, 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm, 1.5 pair for lengths up to 150cm, 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaires installation.





River Walk Gateway, Athens, Greece  
Lighting Design: Marina Magiara  
Photo: Gavril Pappadakis



# TETRA SLICK

Aluminium Profile

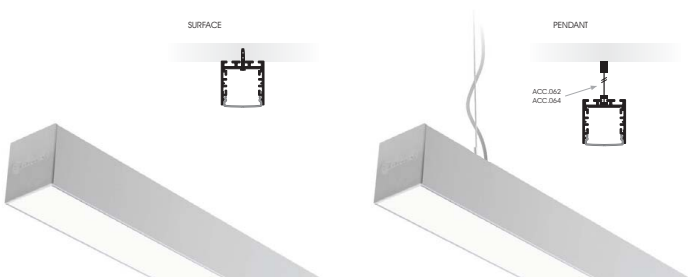


- TETRA SLICK aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.



SURFACE

PENDANT



TETRA SLICK Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.130	TETRA SLICK alum.prof. / Anodized	2m	
	PRF.030	DUAL BAND SLIDING BASE	2m	
	ELA.016	ALUMINIUM SLIDING BASE (Thickness 2mm)	2m	
	COV.008	PMMA SATIN COVER	2m	
	COV.009	PMMA CLEAR COVER	2m	
	COV.020	PMMA MICROPRISMATIC COVER	2m	
	CAP.092	END CAP		
	ACC.062 ACC.064	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm		
	ACC.070	HINGE		
	ACC.083	ECO BRACKET		
	ACC.074	180 DEGREE BRACKET		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		



 Aluminum Profiles

**TETRA**  
Aluminium Profile

- TETRA aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface, semi recessed, recessed, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

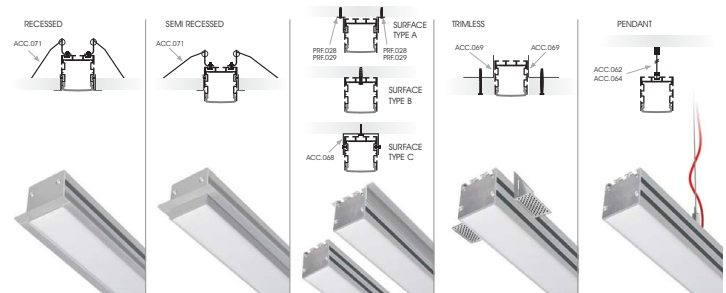
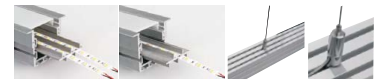




Image	Code	Description	Length	Design-Detail
	PRF026	TETRA alum.prof. / Anodized	2m	
	PRF028	ANGLE alum.prof. / Anodized	2m	
	PRF030	DUAL BAND SLIDING BASE	2m	
	ELA016	ALUMINIUM SLIDING BASE (Thickness 2mm)	2m	
	COV008	PMMA SATIN COVER	2m	
	COV009	PMMA CLEAR COVER	2m	
	COV020	PMMA MICROPRISMATIC COVER	2m	
	CAP092	END CAP		
	CAP051	RECESSED END CAP		
	CAP052	SEMI RECESSED END CAP		
	ACC071	RETAINING SPRING		

Image	Code	Description	Design-Detail
	ACC069	PERFORATED HOLDER FOR PLASTERBOARD	
	ACC068	CEILING SURFACE HOLDER	
	ACC062 ACC064	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC070	HINGE	
	ACC083	ECO BRACKET	
	ACC074	180 DEGREE BRACKET	
	ACC056	EXTENSION LINE	
	ACC057	90° CORNER EXTENSION	
	ACC058	60° CORNER EXTENSION	
	ACC059	45° CORNER EXTENSION	





Private Residence, Athens, Greece  
Tense Architecture Network  
3rd Winner of the H user  
prize as the best family residence in Europe

## Aluminium Profiles

# TETRA PLUS

Aluminium Profile

- TETRA PLUS aluminium profile system ideal for linear LED lighting applications.
- Accessories for recessed, surface with hinge, surface, trimless and pendant applications.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

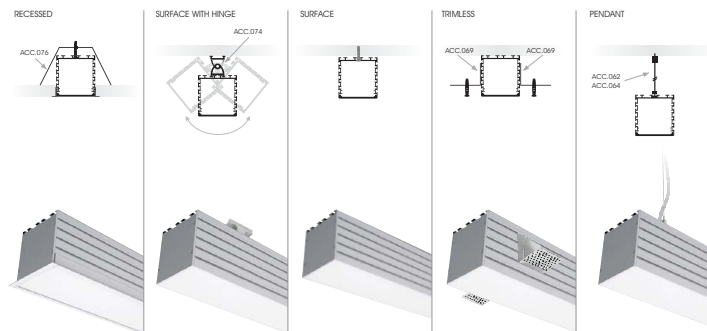
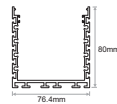





















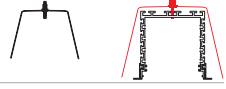



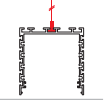

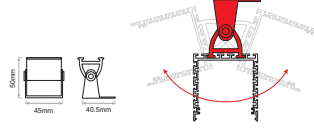

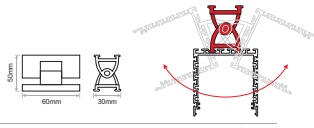








Image	Code	Description	Length	Design-Detail
	PRF.041	TETRA PLUS alum.prof. / Anodized	2m	
	PRF.028	ANGLE alum.prof. / Anodized	2m	
	PRF.047	SLIDING BASE 3-BANK	2m	
	PRF.048	INNER HOLDERS	2m	
	PRF.044	SLIDING BASE 3-BANK INNER	2m	
	PRF.046	ALUMINIUM COVER / Non-Anodized	2m	
	COV.012	POLYCARBONATE SATIN COVER	2m	
	CAP.074	END CAP		
	CAP.081	RECESSED END CAP		

Image	Code	Description	Design-Detail
	ACC.076	RECESSED HOLDER	
	ACC.069	PERFORATED HOLDER FOR PLASTERBOARD	
	ACC.062 ACC.064	CEILING SUSPENSION INSTALLATION 150cm CEILING SUSPENSION INSTALLATION 300cm	
	ACC.083	ECO BRACKET	
	ACC.074	180 DEGREE BRACKET	
	ACC.056	EXTENSION LINE	
	ACC.057	90° CORNER EXTENSION	
	ACC.058	60° CORNER EXTENSION	
	ACC.059	45° CORNER EXTENSION	

# LUMINET

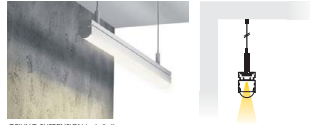
## Aluminium Profile



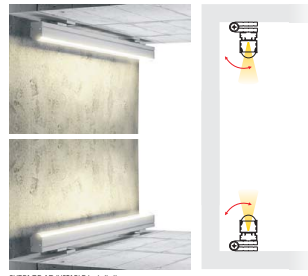
- LUMINET aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Special design and construction to meet the most demanding lighting designs.
- Variety of beam angles.
- Multiple mounting options.
- Ideal for wall washing.
- Up to 12mm LED strip width (up to 10mm, at 70°).
- Available also in black, white or different RAL colours upon request.



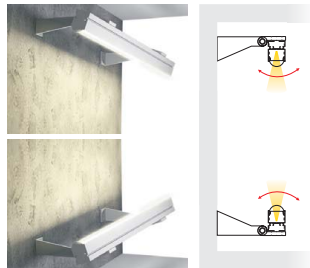
FIXED Installation



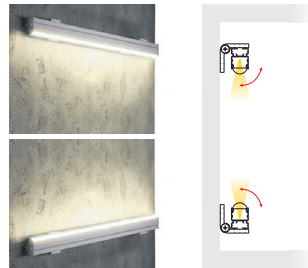
CEILING SUSPENSION Installation



SURFACE ADJUSTABLE Installation



WALL BRACKET Installation



SURFACE ADJUSTABLE Installation



## LUMINET Aluminium Profile

Image	Code	Description	Length	Design Detail
	<b>PRF.116</b>	LUMINET alum.prof. / Anodized	2m	
	<b>PRF.117</b>	SLIDING BASE alum.prof. / Anodized	2m	
	<b>COV.033</b>	PMMA LENS COVER <b>Note 1:</b> At 70° only 10mm LED strip width <b>Note 2:</b> Ideal for monochromatic LED strip	2m	
	<b>COV.018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV.007</b>	PMMA FROSTED COVER	2m	
	<b>COV.023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV.024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV.025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV.026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>CAR.115</b>	FRONT CAP (aluminium) for LUMINET with COV.033		
	<b>CAR.116</b>	END CAP (aluminium) for LUMINET with COV.033		
	<b>CAR.117</b>	FRONT CAP (aluminium) for LUMINET with COV.018-017-007		
	<b>CAR.118</b>	END CAP (aluminium) for LUMINET with COV.018-017-007		
	<b>CAR.119</b>	FRONT CAP (aluminium) for LUMINET with COV.023-024-025-026-038		
	<b>CAR.120</b>	END CAP (aluminium) for LUMINET with COV.023-024-025-026-038		
	<b>ACC.280</b>	HINGE for SURFACE ADJUSTABLE installation (pair) (adjustable without tools)		
	<b>ACC.281</b>	WALL BRACKET 10cm (pair)		
	<b>ACC.282</b>	WALL BRACKET 5cm (pair)		
	<b>ACC.283</b>	EXTENSION LINE for LUMINET		
	<b>ACC.106</b>	CEILING SUSPENSION INSTALLATION 150cm (per piece)		
	<b>ACC.107</b>	CEILING SUSPENSION INSTALLATION 300cm (per piece)		
	<b>PRH.001</b>	HOLDER		

# LIGUA 1

Aluminium Profile

- LIGUA 1 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90° horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



# LIGUA 2

Aluminium Profile

- LIGUA 2 aluminium profile is ideal for linear decorative wall application.
- Possibility of creating 90° vertical or 90° horizontal.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.

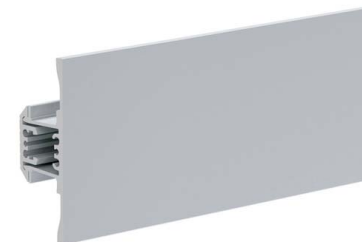
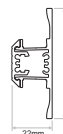


Image	Code	Description	Length	Design-Detail
	PRF.097	LIGUA 1 alum.prof. / Anodized	2m	
	PRF.098	LIGUA 1 mounting alum.prof. / Anodized	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.111	FRONT CAP for LIGUA 1	40mm	
	CAP.112	END CAP for LIGUA 1	22mm	
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.099 and PRF.100		
	ACC.105	90° CORNER EXTENSION for PRF.101 and PRF.102		
	PRF.099	VERTICAL-O		
	PRF.100	VERTICAL-I		
	PRF.101	HORIZONTAL-N		
	PRF.102	HORIZONTAL-I		

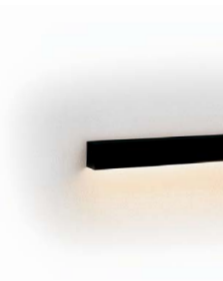


Image	Code	Description	Length	Design-Detail
	PRF.103	LIGUA 2 alum.prof. / Anodized	2m	
	PRF.104	LIGUA 2 mounting alum.prof. / Anodized	2m	
	COV.018	POLYCARBONATE CLEAR COVER	2m	
	COV.017	POLYCARBONATE OPAL COVER	2m	
	COV.007	PMMA FROSTED COVER	2m	
	CAP.113	FRONT CAP for LIGUA 2	60mm	
	CAP.114	END CAP for LIGUA 2	22mm	
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION for PRF.108		
	ACC.105	90° CORNER EXTENSION for PRF.109 and PRF.110		
	PRF.108	VERTICAL		
	PRF.109	HORIZONTAL-N		
	PRF.110	HORIZONTAL-I		



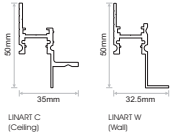


# LINART

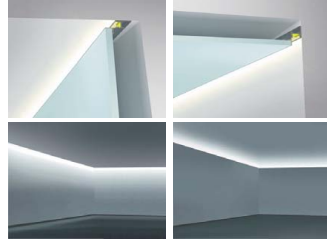
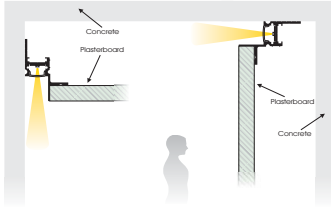
Aluminium Profile

Aluminium Profiles 

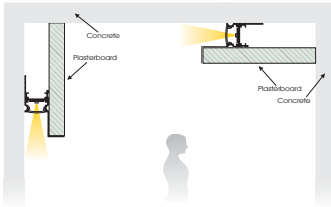
- LINART aluminium profile system ideal for linear LED lighting applications.
- Suitable for ceiling and wall installations.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.
- Available also in black, white or different RAL colours upon request.



LINART C (Ceiling)






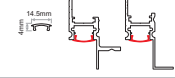

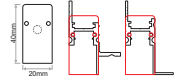



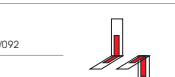








LINART W (Wall)



Aluminium Profiles 

LINART Aluminium Profile

Image	Code	Description	Length	Design-Detail
	PRF.077	LINART C alum.prof. / Anodized	2m	
	PRF.078	LINART W alum.prof. / Anodized	2m	
	COV.018 COV.017 COV.007	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	CAP.107	FRONT CAP for PRF.077/078		
	CAP.108	END CAP for PRF.077/078		
	ACC.101	EXTENSION LINE		
	ACC.102	90° CORNER HORIZONTAL EXTENSION		
	ACC.103	90° CORNER VERTICAL EXTENSION for PRF.088/092		
	ACC.104	90° CORNER VERTICAL EXTENSION for PRF.089/093		

Male Connectors  
(with 15cm cables)



CNC.085 Monochrome  
CNC.087 Tunable White



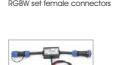
CNC.089 RGB set male connectors



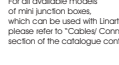
CNC.091 RGBW set male connectors



CNC.086 Monochrome  
CNC.088 Tunable White



CNC.090 RGB set female connectors

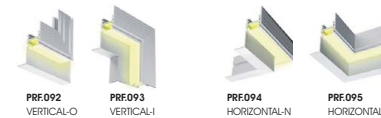


CNC.092 RGBW set female connectors

**PREFABRICATED CORNERS 90° FOR LINART C (Ceiling)**



**PREFABRICATED CORNERS 90° FOR LINART W (Wall)**



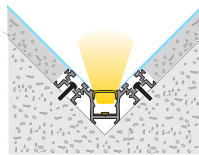
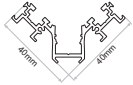
Mini Junction Boxes  
For all available models of mini junction boxes, which can be used with Linart series, please refer to "Cables/ Connectors" section of the catalogue contents.

# LINI IN

Aluminium Profile



- LINI IN aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.



# LINI OUT

Aluminium Profile



- LINI OUT aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.

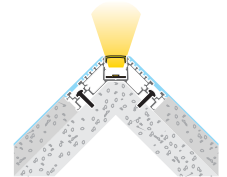
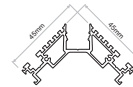


Image	Code	Description	Length	Design-Detail
	PRF.165	LINI IN alum.prof. / Anodized	2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.152 CAP.153	FRONT CAP for LINI IN END CAP for LINI IN		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.105	90° VERTICAL CORNER EXTENSION		
	PRH.119	L-I TYPE 90° INNER CORNER		
	PRH.120	L-O TYPE 90° INNER CORNER		
	PRH.121	T TYPE 90° INNER CORNER		

Image	Code	Description	Length	Design-Detail
	PRF.166	LINI OUT alum.prof. / Anodized	2m	
	COV.023 COV.024 COV.025 COV.026 COV.038	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	CAP.156 CAP.157	FRONT CAP for LINI OUT END CAP for LINI OUT		
	ACC.056	EXTENSION LINE		
	PRH.123	L TYPE 90° OUTER CORNER		

# JOY

## Aluminium Profile



- JOY aluminium profile with satin square or satin round cover.
- Accessories for pendant installation.
- Available also in black, white or different RAL colours upon request.



Image	Code	Description	Length	Design-Detail
	<b>PRF036</b>	JOY alum.prof. / Anodized	2m	
	<b>COV010</b>	PMMA OPAL SQUARE COVER	2m	
	<b>COV011</b>	PMMA OPAL ROUND COVER	2m	
	<b>ELA018</b>	ALUMINIUM SLIDING BASE	2m	
	<b>CAP083</b>	FRONT CAP for JOY with COV010		
	<b>CAP082</b>	END CAP for JOY with COV010		
	<b>CAP085</b>	FRONT CAP for JOY with COV011		
	<b>CAP084</b>	END CAP for JOY with COV011		
	<b>ELA008</b>	STAINLESS STEEL HOLDER		
	<b>ACC.063</b>	CEILING SUSPENSION INSTALLATION 150cm		
	<b>ACC.065</b>	CEILING SUSPENSION INSTALLATION 300cm		



# U TYPE

## Aluminium Profile

- U TYPE aluminium profile system ideal for linear LED lighting applications.
- Accessories for surface and pendant installations.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.



Image	Code	Description	Length	Design-Detail
	<b>PRF022</b>	U TYPE alum.prof. / Anodized	2m	
	<b>COV023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV007</b>	PMMA FROSTED COVER	2m	
	<b>CAP078</b>	FRONT CAP for U TYPE with COV023-024-025-026-038		
	<b>CAP077</b>	END CAP for U TYPE with COV023-024-025-026-038		
	<b>CAP080</b>	FRONT CAP for U TYPE with COV017-018-007		
	<b>CAP079</b>	END CAP for U TYPE with COV017-018-007		
	<b>PRH001</b>	HOLDER		
	<b>ACC.062</b>	CEILING SUSPENSION INSTALLATION 150cm		
	<b>ACC.064</b>	CEILING SUSPENSION INSTALLATION 300cm		
	<b>ACC.056</b>	EXTENSION LINE		
	<b>ACC.057</b>	90° CORNER EXTENSION		
	<b>ACC.058</b>	60° CORNER EXTENSION		
	<b>ACC.059</b>	45° CORNER EXTENSION		



# ELECSIA

Aluminium Profile

- ELECSIA aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Available also in black, white or different RAL colours upon request.



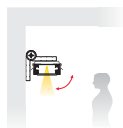
FIXED installation



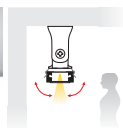
SURFACE A installation



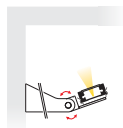
SURFACE B installation



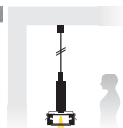
SURFACE C installation



WALL BRACKET installation



PENDANT installation



Aluminium Profiles

Aluminium Profiles

ELECSIA Aluminium Profile

Image	Code	Description	Length	Design-Detail
	<b>PRF.118</b>	ELECSIA alum.prof. / Anodized	2m	
	<b>COV.004</b> <b>COV.005</b> <b>COV.006</b>	PMMA CLEAR COVER PMMA FROSTED COVER PMMA SATIN COVER	2m 2m 2m	
	<b>CAP.121</b> <b>CAP.122</b>	FRONT CAP (aluminium) for ELECSIA END CAP (aluminium) for ELECSIA		
	<b>ELA.008</b> <sup>1,4</sup>	STAINLESS STEEL HOLDER		
	<b>ACC.289</b> <sup>2</sup>	HINGE for SURFACE A installation (pair) for ELECSIA (adjustable without tools)		
	<b>ACC.290</b> <sup>2</sup>	HINGE for SURFACE B installation (pair) for ELECSIA (adjustable without tools)		
	<b>ACC.048</b> <sup>1</sup>	BRACKET for SURFACE C installation		
	<b>ACC.284</b> <sup>3</sup> <b>ACC.285</b> <sup>3</sup>	WALL BRACKET LONG (pair) for ELECSIA WALL BRACKET SHORT (pair) for ELECSIA		
	<b>ACC.286</b> <sup>4</sup> <b>ACC.287</b> <sup>4</sup>	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm, 3 pcs for lengths up to 170cm, 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm, 1.5 pair for lengths up to 170cm, 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislipper for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

# OMEGA

Aluminium Profile



- OMEGA aluminium profile system ideal for linear LED lighting applications.
- Available in milky, milky satin, tubed or transparent cover.
- Variety of accessories for different corner and line extensions.
- Available also in black, white or different RAL colours upon request.

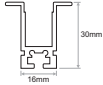


Image	Code	Description	Length	Design-Detail
	PRF.024	OMEGA alum.prof. / Anodized	2m	
	COV.023	POLYCARBONATE MILKY COVER	2m	
	COV.024	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.025	POLYCARBONATE RULED COVER	2m	
	COV.026	POLYCARBONATE CLEAR COVER	2m	
	COV.038	POLYCARBONATE BLACK SATIN COVER	2m	
	CAP.049	END CAP		
	ACC.055	RETAINING SPRING		
	ACC.056	EXTENSION LINE		
	ACC.057	90° CORNER EXTENSION		
	ACC.058	60° CORNER EXTENSION		
	ACC.059	45° CORNER EXTENSION		



# LUNGO

Aluminium Profile

- LUNGO aluminium profile system ideal for linear LED lighting applications.
- Variety of accessories for different corner and line extensions.
- Special design and construction to meet the most demanding lighting designs.

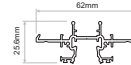
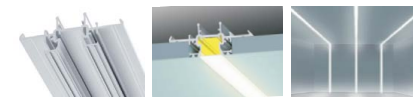


Image	Code	Description	Length	Design-Detail
	PRF.096	LUNGO alum.prof. / Anodized	2m	
	COV.004	PMMA CLEAR COVER	2m	
	COV.005	PMMA FROSTED COVER	2m	
	COV.006	PMMA SATIN COVER	2m	
	CAP.109	FRONT CAP FOR LUNGO		
	CAP.110	END CAP FOR LUNGO		
	ACC.101	EXTENSION LINE FOR LUNGO		
	ACC.102	90° CORNER HORIZONTAL EXTENSION FOR PRF.113		
	ACC.103	90° CORNER VERTICAL EXTENSION FOR PRF.111		
	ACC.104	90° CORNER VERTICAL EXTENSION FOR PRF.112		

### PREFABRICATED CORNERS 90° FOR LUNGO



### Male Connectors (with 1.5cm cables)



CNC.085 Monochrome  
CNC.087 Tunable White



CNC.089 RGB set male connectors



CNC.091 RGBW set male connectors

### Female connectors (with 30cm cables)



CNC.086 Monochrome  
CNC.088 Tunable White



CNC.090 RGB set female connectors



CNC.092 RGBW set female connectors



**Mini Junction Boxes**  
For all available models of mini junction boxes, which can be used with Unimat series, please refer to "Cables/Connectors" section of the catalogue contents.

# MIDI U

Aluminium Profile



- MIDI U aluminium profile is a linear profile for surface installation.
- Available also in black, white or different RAL colours upon request.



# MIDI U Recessed

Aluminium Profile

- MIDI U Recessed aluminium profile for linear LED lighting.
- Available also in black, white or different RAL colours upon request.



Image	Code	Description	Length	Design-Detail
	<b>PRF.014</b>	MIDI U alum.prof. / Anodized	2m	
	<b>COV.023</b> <b>COV.024</b> <b>COV.025</b> <b>COV.026</b> <b>COV.038</b>	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	<b>COV.018</b> <b>COV.017</b> <b>COV.007</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	<b>CAP.061</b> <b>CAP.060</b>	FRONT CAP for MIDI U with COV.023-024-025-026-038 END CAP for MIDI U with COV.023-024-025-026-038		
	<b>CAP.072</b> <b>CAP.071</b>	FRONT CAP for MIDI U with COV.017-018-007 END CAP for MIDI U with COV.017-018-007		
	<b>PRH.001</b>	HOLDER		



Image	Code	Description	Length	Design-Detail
	<b>PRF.134</b>	MIDI U RECESSED alum.prof. / Anodized	2m	
	<b>COV.023</b> <b>COV.024</b> <b>COV.025</b> <b>COV.026</b> <b>COV.038</b>	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	<b>CAP.143</b>	END CAP for MIDI U RECESSED with COV.023-024-025-026-038		

## MINI U

Aluminium Profile



- MINI U aluminium profile has extra low depth and is suitable for surface installation.
- Available also in black, white or different RAL colours upon request.



## MINI U RECESSED

Aluminium Profile

- MINI U RECESSED aluminium profile has extra low depth and is ideal for furniture.
- Available also in black, white or different RAL colours upon request.

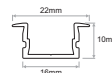


Image	Code	Description	Length	Design-Detail
	<b>PRF.132</b>	MINI U alum.prof. / Anodized	2m	
	<b>COV.023</b> <b>COV.024</b> <b>COV.025</b> <b>COV.026</b> <b>COV.038</b>	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	<b>CAP.141</b>	END CAP for MINI U with COV.023-024-025-026-038		
	<b>PRH.001</b>	HOLDER		

Image	Code	Description	Length	Design-Detail
	<b>PRF.133</b>	MINI U RECESSED alum.prof. / Anodized	2m	
	<b>COV.023</b> <b>COV.024</b> <b>COV.025</b> <b>COV.026</b> <b>COV.038</b>	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	<b>CAP.142</b>	END CAP for MINI U RECESSED with COV.023-024-025-026-038		
	<b>PRH.001</b>	HOLDER		

# ELITE

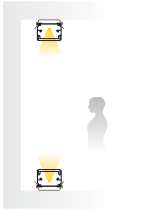
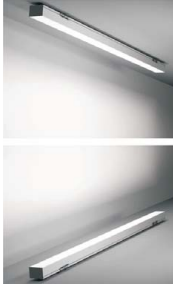
Aluminium Profile



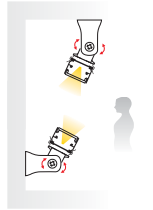
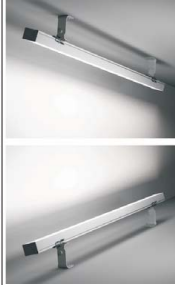
- ELITE aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Suitable for waterproof LED strips up to 15mm width.
- Available also in black, white or different RAL colours upon request.



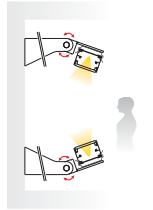
FIXED installation



SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



# ELITE Aluminium Profile

Suitable for waterproof LED strips up to 15mm width.



Image	Code	Description	Length	Design-Detail
	<b>PRF.135</b>	ELITE alum.prof. / Anodized	2m	
	<b>COV.035</b> <b>COV.036</b> <b>COV.037</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE MICROPRISMATIC COVER	2m 2m 2m	
	<b>CAP.144</b>	END CAP		
	<b>ELA.008</b> <sup>4</sup>	STAINLESS STEEL HOLDER for FIXED installation		
	<b>ACC.048</b> <sup>1)</sup>	BRACKET for SURFACE installation		
	<b>ACC.284</b> <sup>2)</sup> <b>ACC.285</b> <sup>2)</sup>	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	<b>ACC.286</b> <sup>3)</sup> <b>ACC.287</b> <sup>3)</sup>	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 100cm, 3 pcs for lengths up to 150cm, 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 100cm, 1,5 pair for lengths up to 150cm, 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as anti-slipper for vertical installation, two ELA.008 must be used for every holding, required for the luminaire installation.



# ELECSYS

Aluminium Profile



- ELECSYS aluminium profile available with different covers: Transparent ,Ruled and Milky.



# SHALLOW

Aluminium Profile

- SHALLOW aluminium profile ideal solution for low depth applications.
- Available with transparent, milky, milky satin or ruled cover.

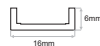


Image	Code	Description	Length	Design Detail
	<b>ELA.001</b>	ELECSYS alum.prof. / Anodized	2m	
	<b>ELA.002</b> <b>ELA.003</b> <b>ELA.004</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE RULED COVER POLYCARBONATE MILKY COVER	2m 2m 2m	
	<b>ELA.006</b>	BIG END CAP for ELECSYS with ELA.002-003-004		
	<b>ELA.007</b>	SMALL END CAP		
	<b>ELA.008</b>	STAINLESS STEEL HOLDER		
	<b>ACC.048</b>	BRACKET		



Image	Code	Description	Length	Design-Detail
	<b>PRF.010</b>	SHALLOW alum.prof. / Anodized	2m	
	<b>PRF.011</b>	SHALLOW alum.prof. / Non-Anodized	2m	
	<b>COV.023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV.024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV.025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV.026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV.018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.007</b>	PMMA FROSTED COVER	2m	
	<b>CAP.036</b>	FRONT CAP for SHALLOW with COV.023-024-025-026-038		
	<b>CAP.035</b>	END CAP for SHALLOW with COV.023-024-025-026-038		
	<b>CAP.068</b>	FRONT CAP for SHALLOW with COV.017-018-007		
	<b>CAP.067</b>	END CAP for SHALLOW with COV.017-018-007		
	<b>PRH.001</b>	HOLDER		



# BENDABLE

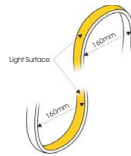
## Aluminium Profile

- BENDABLE aluminium profile ideal for curved LED lighting applications.
- Special design and construction to meet demanding lighting designs.



Image	Code	Description	Length	Design-Detail
	PRF076	BENDABLE alum.prof. / Anodized	2m	
	COV031	POLYCARBONATE MILKY COVER	2m	
	COV032	POLYCARBONATE CLEAR COVER	2m	
	CAP105	END CAP for BENDABLE		
	CAP106	FRONT CAP for BENDABLE		
	PRH.003	HOLDER clips		

**FRAGILE**  
Only Bend Vertically  
Do not bend smaller than allowed minimum bend diameter.



# TINY

## Aluminium Profile

- TINY aluminium profile is the thinner available aluminium profile.



Image	Code	Description	Length	Design-Detail
	PRF056	TINY alum.prof. / Anodized	2m	
	COV013	POLYCARBONATE OPAL COVER	2m	
	COV014	POLYCARBONATE CLEAR COVER	2m	
	CAP146	END CAP for TINY	2m	
	ACC.158	3M ADHESIVE TAPE FOR TINY PROFILE	1m	

# NEST XL

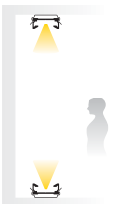
Aluminium Profile



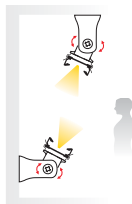
- NEST XL aluminium profile ideal for linear LED lighting applications.
- Variety of accessories.
- Multiple mounting options.
- Ideal for waterproof LED strips up to 15mm width.



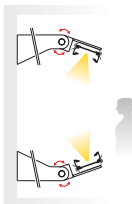
FIXED installation



SURFACE installation



WALL BRACKET (Long-Short) installation



PENDANT installation



NEST XL Aluminium Profile

Ideal for waterproof LED strips up to 15mm width.



Image	Code	Description	Length	Design-Detail
	<b>PRE.136</b>	NEST XL alum.prof. / Anodized	2m	
	<b>ELA.008<sup>1)</sup></b>	STAINLESS STEEL HOLDER for FIXED installation		
	<b>ACC.048<sup>1)</sup></b>	BRACKET for SURFACE installation		
	<b>ACC.284<sup>2)</sup></b> <b>ACC.285<sup>2)</sup></b>	WALL BRACKET LONG (pair) WALL BRACKET SHORT (pair)		
	<b>ACC.286<sup>3)</sup></b> <b>ACC.287<sup>3)</sup></b>	CEILING SUSPENSION installation 150cm (per piece) CEILING SUSPENSION installation 300cm (per piece)		

1. Use 2 pcs for lengths up to 110cm, 3 pcs for lengths up to 170cm, 4 pcs for lengths up to 200cm.
2. Use 1 pair for lengths up to 110cm, 1,5 pair for lengths up to 170cm, 2 pairs for lengths up to 200cm.
3. Use 2 pcs for lengths up to 200cm.
4. ELA.008 can be used also as antislip for vertical installation. Two ELA.008 must be used for every holding, required for the luminaire installation.

# NEST

Aluminium Profiles  
Aluminium Profile

- NEST aluminium profile is the perfect solution for waterproof strips due to its special construction.
- It ensures a safe installation that does not allow the strip to fall over.



Image	Code	Description	Length	Design-Detail
	<b>PRF.043</b>	NEST alum.prof. / Anodized	2m	
	<b>PRH.001</b>	HOLDER		

Aluminium Profiles  
Aluminium Profile

# CORNISE

- CORNISE aluminium profile ideal for cove & frame lighting.
- Suitable for use on walls or ceilings.
- Special design for homogeneous lighting.
- Available also in RAL colours upon request.



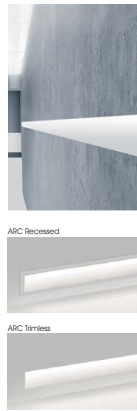
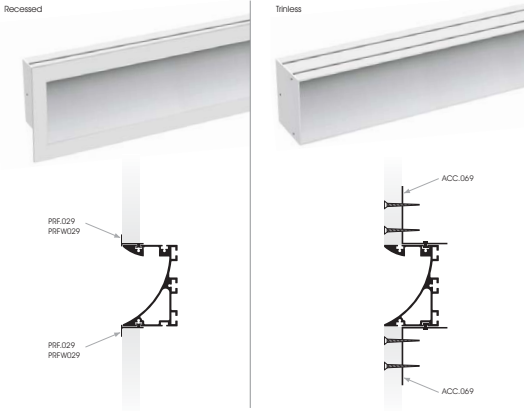
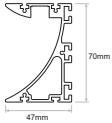
Image	Code	Description	Length	Design-Detail
	<b>PRF.057</b>	CORNISE alum.prof. / Anodized	2m	
	<b>PRFW057</b>	CORNISE alum.prof. / White painted	2m	
	<b>PRF.058</b>	BASE PROFILE	2m	
	<b>COV.023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV.024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV.025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV.026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV.018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV.007</b>	PMMA FROSTED COVER	2m	
	<b>CAP.095</b>	END CAP / Anodized		
	<b>CAPW095</b>	END CAP / White painted		

# ARC

Aluminium Profile



- ARC aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



# ARC Aluminium Profile

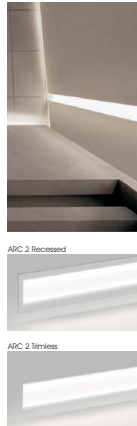
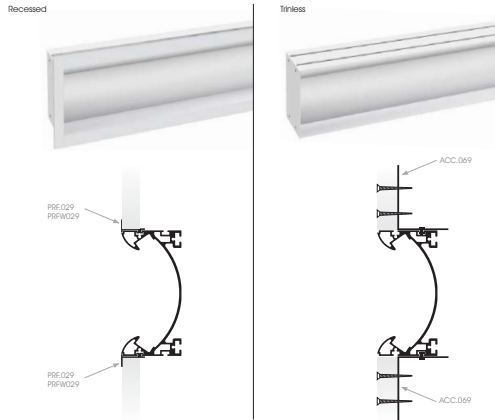
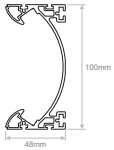
Image	Code	Description	Length	Design-Detail
	<b>PRF038</b>	ARC alum.prof. / Non-Anodized	2m	
	<b>PRFW038</b>	ARC alum.prof. / White Painted	2m	
	<b>PRF029</b>	ANGLE alum.prof. / Non-Anodized	2m	
	<b>PRFW029</b>	ANGLE alum.prof. / White Painted	2m	
	<b>COV023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV007</b>	PMMA FROSTED COVER	2m	
	<b>CAP062</b>	END CAP / Non-Anodized		
	<b>CAPW062</b>	END CAP / White Painted		
	<b>CAP063</b>	RECESSED END CAP / Non-Anodized		
	<b>CAPW063</b>	RECESSED END CAP / White Painted		
	<b>CAP069</b>	BASE CAP		
	<b>ACC.069</b>	PERFORATED HOLDER FOR PLASTERBOARD		
	<b>ACC.071</b>	RETAINING SPRING		
	<b>ACC.056</b>	EXTENSION LINE		
	<b>ACC.057</b>	90° CORNER EXTENSION		
	<b>ACC.058</b>	60° CORNER EXTENSION		
	<b>ACC.059</b>	45° CORNER EXTENSION		

# ARC 2

## Aluminium Profile



- ARC 2 aluminium profile with double strip installation.
- Gives depth into a space.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.



## ARC 2 Aluminium Profile

Image	Code	Description	Length	Design-Detail
	<b>PRF039</b>	ARC2 alum.prof. / Non-Anodized	2m	
	<b>PRFW039</b>	ARC2 alum.prof. / White Painted	2m	
	<b>PRF029</b>	ANGLE alum.prof. / Non-Anodized	2m	
	<b>PRFW029</b>	ANGLE alum.prof. / White Painted	2m	
	<b>COV.023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV.024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV.025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV.026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV.018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV.007</b>	PMMA FROSTED COVER	2m	
	<b>CAP064</b>	END CAP / Non-Anodized		
	<b>CAPW064</b>	END CAP / White Painted		
	<b>CAP065</b>	RECESSED END CAP / Non-Anodized		
	<b>CAPW065</b>	RECESSED END CAP / White Painted		
	<b>CAP070</b>	BASE CAP		
	<b>ACC.069</b>	PERFORATED HOLDER FOR PLASTERBOARD		
	<b>ACC.071</b>	RETAINING SPRING		
	<b>ACC.056</b>	EXTENSION LINE		
	<b>ACC.057</b>	90° CORNER EXTENSION		
	<b>ACC.058</b>	60° CORNER EXTENSION		
	<b>ACC.059</b>	45° CORNER EXTENSION		

# ARC 3

## Aluminium Profile

Aluminium Profiles 

- ARC3 aluminium profile ideal for concealed lighting.
- Gives depth into a space.
- Available with translucent, milky, milky satin or ruled cover.
- Available also in RAL colours upon request.

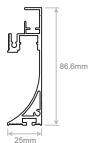

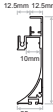














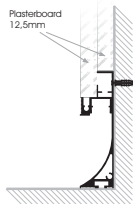

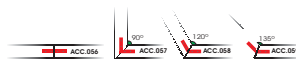





Image	Code	Description	Length	Design-Detail
	<b>PRF051</b>	ARC3 alum.prof. / Non-Anodized	2m	
	<b>PRF051</b>	ARC3 alum.prof. / White Painted	2m	
	<b>COV023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV007</b>	PMMA FROSTED COVER	2m	
	<b>CAP093</b>	END CAP / Non-Anodized		
	<b>CAPW093</b>	END CAP / White Painted		



	<b>ACC.056</b>	EXTENSION LINE	
	<b>ACC.057</b>	90° CORNER EXTENSION	
	<b>ACC.058</b>	60° CORNER EXTENSION	
	<b>ACC.059</b>	45° CORNER EXTENSION	



# INGRA

Aluminium Profile



- INGRA aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.



# INGRA MINI

Aluminium Profile

- INGRA MINI aluminium profile with milky or transparent cover.
- Special design and construction to meet the most demanding lighting designs.



Image	Code	Description	Length	Design-Detail
	<b>PRF013</b>	INGRA alum.prof. / Non-Anodized	2m	
	<b>COV.021</b> <b>COV.029</b>	POLYCARBONATE MILKY COVER POLYCARBONATE CLEAR COVER	2m 2m	
	<b>CAP073</b>	END CAP		
	<b>ELA.008</b>	STAINLESS STEEL HOLDER		



Image	Code	Description	Length	Design-Detail
	<b>PRF114</b> <b>PRF040</b>	INGRA MINI alum.prof. / Anodized INGRA MINI alum.prof. / Non-Anodized	2m 2m	
	<b>COV.021</b> <b>COV.029</b>	POLYCARBONATE MILKY COVER POLYCARBONATE CLEAR COVER	2m 2m	
	<b>CAP066</b>	END CAP		
	<b>ELA.008</b>	STAINLESS STEEL HOLDER		





# ARTBAR

Aluminium Profile



- ARTBAR aluminium profile ideal concealed lighting / decorative lighting / lighting behind plexiglass.
- Adjustable brackets.
- Available with 15° or 35° linear lens.



Image	Code	Description	Length	Design-Detail
	ELA.011	ARTBAR alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.015	ALUMINIUM SLIDING BASE	2m	
	CAP.075	END CAP		
	CAP.076	FRONT CAP		
	ELA.008	STAINLESS STEEL HOLDER		
	ACC.048	BRACKET		



# ARTTUBE

Aluminium Profile

- ARTTUBE aluminium profile ideal for decorative lighting.
- Adjustable brackets.
- Available with 15° or 35° linear lens or covers.
- Accessories for pendant installations.

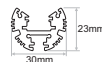


Image	Code	Description	Length	Design-Detail
	ELA.014	ARTTUBE alum.prof. / Anodized	2m	
	LNS.010	LENS 15°/35°	2m	
	ELA.005	ALUMINIUM SLIDING BASE	1m	
	COV.027	POLYCARBONATE MILKY SATIN COVER	2m	
	COV.028	POLYCARBONATE CLEAR COVER	2m	
	CAP.047	END CAP		
	ACC.049	ARTTUBE BRACKET		
	ACC.063	CEILING SUSPENSION INSTALLATION 150cm		
	ACC.065	CEILING SUSPENSION INSTALLATION 300cm		



## CORNER II

Aluminium Profile



- CORNER II aluminium profile ideal for installation in corners.
- Available with clear, frosted or milky satin cover.
- Available also in black, white or different RAL colours upon request.

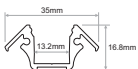


Image	Code	Description	Length	Design-Detail
	<b>PRF.137</b>	CORNER II alum.prof. / Anodized	2m	
	<b>COV.004</b> <b>COV.005</b> <b>COV.006</b>	PMMA CLEAR COVER PMMA FROSTED COVER PMMA MILKY SATIN COVER	2m 2m 2m	
	<b>CAP.147</b>	FRONT CAP		
	<b>CAP.148</b>	END CAP		
	<b>PRH.005</b>	STAINLESS STEEL HOLDER Note: Use 2pcs up to 103cm, 3pcs up to 153cm & 4pcs up to 203cm		



## CORNER 45

Aluminium Profile

- CORNER 45 aluminium profile ideal for installation in corners.
- Available with transparent, milky, milky satin or ruled cover.
- Available also in black, white or different RAL colours upon request.

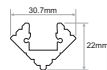


Image	Code	Description	Length	Design-Detail
	<b>PRF.034</b>	CORNER 45 alum.prof. / Anodized	2m	
	<b>COV.023</b> <b>COV.024</b> <b>COV.025</b> <b>COV.026</b> <b>COV.038</b>	POLYCARBONATE MILKY COVER POLYCARBONATE MILKY SATIN COVER POLYCARBONATE RULED COVER POLYCARBONATE CLEAR COVER POLYCARBONATE BLACK SATIN COVER	2m 2m 2m 2m 2m	
	<b>COV.018</b> <b>COV.017</b> <b>COV.007</b>	POLYCARBONATE CLEAR COVER POLYCARBONATE OPAL COVER PMMA FROSTED COVER	2m 2m 2m	
	<b>CAP.087</b> <b>CAP.086</b>	FRONT CAP for CORNER 45 with COV.023-024-025-026-038 END CAP for CORNER 45 with COV.023-024-025-026-038		
	<b>CAP.089</b> <b>CAP.088</b>	FRONT CAP for CORNER 45 with COV.017-018-007 END CAP for CORNER 45 with COV.017-018-007		
	<b>ELA.008</b>	STAINLESS STEEL HOLDER		



## V TYPE

Aluminium Profile



- V TYPE aluminium profile ideal for surface or recessed applications.
- Available with transparent, milky, milky satin or ruled cover.
- 45 degrees installation.
- Available also in black, white or different RAL colours upon request.

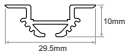


Image	Code	Description	Length	Design-Detail
	<b>PRF.020</b>	V TYPE alum.prof. / Anodized	2m	
	<b>COV.023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV.024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV.025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV.026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.038</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>COV.018</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.017</b>	POLYCARBONATE OPAL COVER	2m	
	<b>COV.007</b>	PMMA FROSTED COVER	2m	
	<b>COV.033</b>	PMMA LENS COVER 45° Note: Ideal for monochromatic & RGBW LED strip	2m	
	<b>CAP.090</b>	END CAP for V TYPE with COV.023-024-025-026-038		
	<b>CAP.091</b>	FRONT CAP for V TYPE with COV.023-024-025-026-038		
	<b>CAP.043</b>	END CAP for V TYPE with COV.017-018-007		
	<b>CAP.044</b>	FRONT CAP for V TYPE with COV.017-018-007		



## CORNER ECO

Aluminium Profile

- CORNER ECO aluminium profile suitable for low cost installation in corners.
- Available with milky cover.

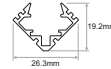


Image	Code	Description	Length	Design-Detail
	<b>PRF.160</b>	CORNER ECO alum.prof. / Anodized	2m	
	<b>COV.051</b>	MILKY COVER for CORNER ECO	2m	
	<b>CAP.150</b>	FRONT CAP for CORNER ECO		
	<b>CAP.158</b>	END CAP for CORNER ECO		
	<b>ACC.370</b>	STAINLESS STEEL HOLDER		



# TRIMLESS ECO

Aluminium Profile



- TRIMLESS ECO aluminium profile suitable for low cost installations.
- Available with milky cover.

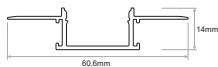


Image	Code	Description	Length	Design-Detail
	PRE161	TRIMLESS ECO alum.prof. / Anodized	2m	
	COV.052	MILKY COVER for TRIMLESS ECO	2m	
	CAP151	CAP for TRIMLESS ECO		



# TRIMLESS W ECO

Aluminium Profile

- Trimless W Eco profile suitable for concealed lighting at a specific angle.
- Available with clear or milky cover.

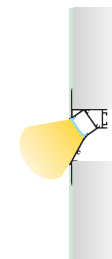


Image	Code	Description	Length	Design-Detail
	PRFW175	TRIMLESS W ECO alum.prof. / White RAL9003	2m	
	COV.056	CLEAR COVER for TRIMLESS W ECO	2m	
	COV.057	MILKY COVER for TRIMLESS W ECO	2m	
	CAPW162	FRONT CAP / White RAL9003 for TRIMLESS W ECO		
	CAPW163	END CAP / White RAL9003 for TRIMLESS W ECO		

# STAIR DUE

Aluminium Profile



- STAIR DUE aluminium profiles with double light emittance for illuminating stairs.
- The special position of the LEDs in the upper part guarantees a glare free illumination without having the LEDs visible even with transparent cover.

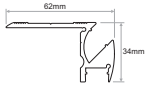
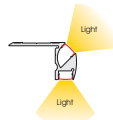


Image	Code	Description	Length	Design-Detail
	<b>PRF.031</b>	STAIR DUE alum.prof. / Anodized	2m	
	<b>PRF.032</b>	STAIR DUE alum.prof. / BLACK Anodized	2m	
	<b>COV.023</b>	POLYCARBONATE MILKY COVER	2m	
	<b>COV.024</b>	POLYCARBONATE MILKY SATIN COVER	2m	
	<b>COV.025</b>	POLYCARBONATE RULED COVER	2m	
	<b>COV.026</b>	POLYCARBONATE CLEAR COVER	2m	
	<b>COV.028</b>	POLYCARBONATE BLACK SATIN COVER	2m	
	<b>CAP.053</b>	END CAP for PRF.031 / Anodized		
	<b>CAP.055</b>	END CAP for PRF.032 / BLACK Anodized		
	<b>CAP.154</b>	FRONT CAP for PRF.031 / Anodized		
	<b>CAP.155</b>	FRONT CAP for PRF.032 / BLACK Anodized		
	<b>ACC.066</b>	3M SAFETY WALK BLACK available per reel of 18 meters or per meter for PRF.031/032		



# TRIMLESS C ECO

Aluminium Profile

- Trimless C Eco profile suitable for concealed lighting on ceiling.
- Available with clear or milky cover.

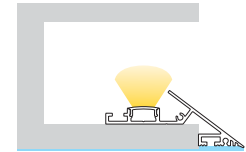


Image	Code	Description	Length	Design-Detail
	<b>PRFW176</b>	TRIMLESS C ECO alum.prof. / White RAL9003	2m	
	<b>COV.058</b>	CLEAR COVER for TRIMLESS C ECO	2m	
	<b>COV.059</b>	MILKY COVER for TRIMLESS C ECO	2m	
	<b>CAPW164</b>	FRONT CAP / White RAL9003 for TRIMLESS C ECO		
	<b>CAPW165</b>	END CAP / White RAL9003 for TRIMLESS C ECO		
	<b>ACC.437</b>	EXTENSION LINE		
	<b>ACC.438</b>	90° CORNER EXTENSION		
	<b>ACC.439</b>	60° CORNER EXTENSION		

# MANDI

## Aluminium Profile

- MANDI aluminium profile system
- Corner and line extensions available.

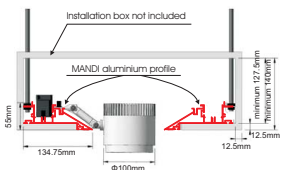
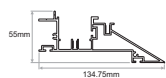
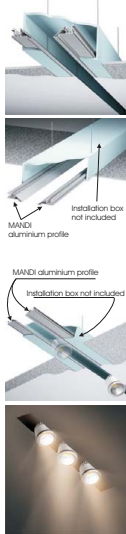
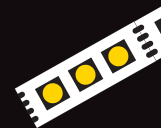


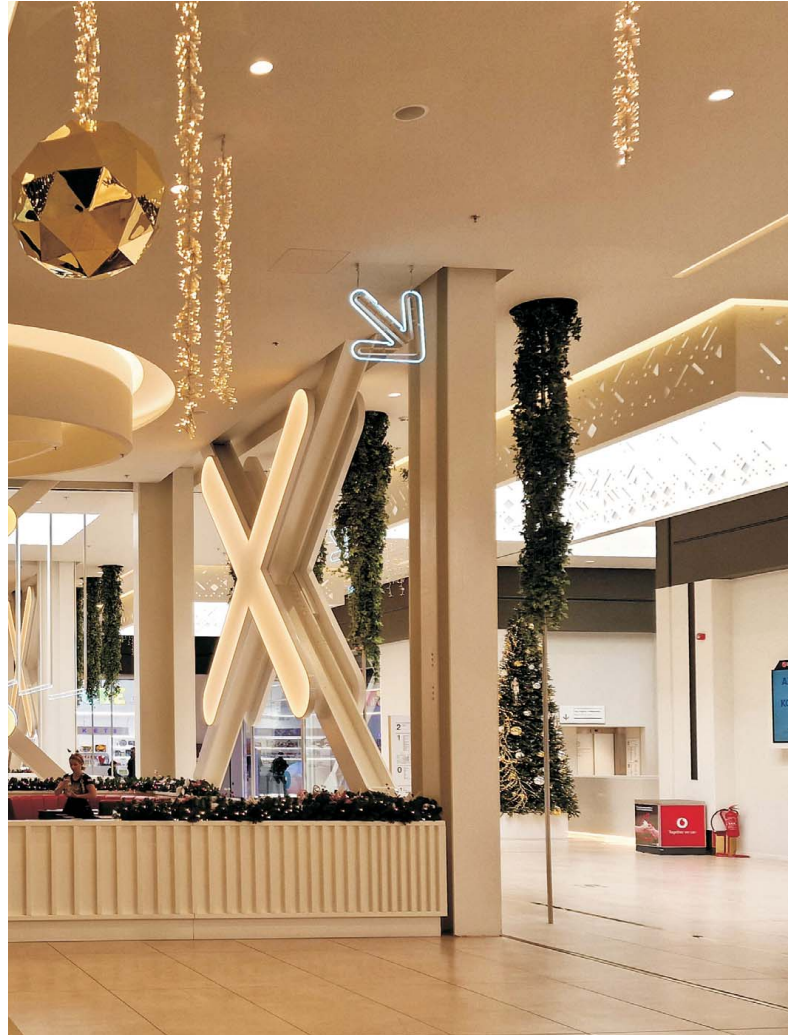
Image	Code	Description	Length	Design-Detail
	<b>PRF.055</b>	MANDI alum.prof. / Anodized	2m	
	<b>PRF.054</b>	MANDI alum.prof. / Anodized Black	2m	
	<b>PRF.059</b>	MANDI alum.prof. / Non-Anodized	2m	
	<b>PRF.066</b>	MANDI CORNER INTERNAL SET 90° BLACK		
	<b>PRF.067</b>	MANDI CORNER EXTERNAL SET 90° BLACK		
	<b>PRF.068</b>	MANDI CORNER U TYPE SET BLACK		
	<b>CAP.100</b>	END CAP		
	<b>ACC.100</b>	BASE FOR LED DRIVER		
	<b>ACC.056</b>	EXTENSION LINE		
	<b>ACC.057</b>	90° CORNER EXTENSION		
	<b>ACC.084</b>	90° CORNER SIDE EXTENSION		



**FLEXIBLE LEDS**



Golden Hall Athens (Greece)  
ADLIGHT Anna Gerasimou Doufou



# PRIME SERIES HE 84LED/m 21W/m CRI80+

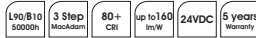


Prime series high efficacy is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series has an excellent lumen efficacy that reaches up to 160lm/W. It can ideally be used with the appropriate aluminum profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:  
On-Off/DALI(0...10V)1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*IP Rate**
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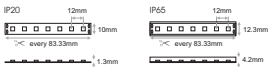
## IP20

<b>TVH329</b>	84	21W	5	2000K / 80+	2795	24VDC	120°	83.33 IP20
<b>TVH330</b>	84	21W	5	2500K / 80+	2795	24VDC	120°	83.33 IP20
<b>TVH339</b>	84	21W	5	2700K / 80+	3065	24VDC	120°	83.33 IP20
<b>TVH343</b>	84	21W	5	3000K / 80+	3160	24VDC	120°	83.33 IP20
<b>TVH347</b>	84	21W	5	4000K / 80+	3250	24VDC	120°	83.33 IP20
<b>TVH351</b>	84	21W	5	5700K / 80+	3345	24VDC	120°	83.33 IP20

## IP65

<b>TVH331</b>	84	21W	5	2000K / 80+	2740	24VDC	120°	83.33 IP65
<b>TVH332</b>	84	21W	5	2500K / 80+	2740	24VDC	120°	83.33 IP65
<b>TVH340</b>	84	21W	5	2700K / 80+	3005	24VDC	120°	83.33 IP65
<b>TVH344</b>	84	21W	5	3000K / 80+	3095	24VDC	120°	83.33 IP65
<b>TVH348</b>	84	21W	5	4000K / 80+	3185	24VDC	120°	83.33 IP65
<b>TVH352</b>	84	21W	5	5700K / 80+	3280	24VDC	120°	83.33 IP65

\*Please confirm the connection points on the modules.  
\*\*Available in IP66 upon request.



# PRIME SERIES HE 84LED/m 21W/m CRI80+

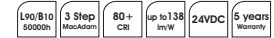


Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminum profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:  
On-Off/DALI(0...10V)1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	*IP Rate**
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## IP20

<b>TV.329</b>	84	21W	5	2000K / 80+	1912	24VDC	120°	83.33 IP20
<b>TV.330</b>	84	21W	5	2500K / 80+	2039	24VDC	120°	83.33 IP20
<b>TV.339</b>	84	21W	5	2700K / 80+	2467	24VDC	120°	83.33 IP20
<b>TV.343</b>	84	21W	5	3000K / 80+	2550	24VDC	120°	83.33 IP20
<b>TV.347</b>	84	21W	5	4000K / 80+	2829	24VDC	120°	83.33 IP20
<b>TV.351</b>	84	21W	5	5700K / 80+	2907	24VDC	120°	83.33 IP20

## IP65

<b>TV.331</b>	84	21W	5	2000K / 80+	1897	24VDC	120°	83.33 IP65
<b>TV.332</b>	84	21W	5	2500K / 80+	2003	24VDC	120°	83.33 IP65
<b>TV.340</b>	84	21W	5	2700K / 80+	2420	24VDC	120°	83.33 IP65
<b>TV.344</b>	84	21W	5	3000K / 80+	2520	24VDC	120°	83.33 IP65
<b>TV.348</b>	84	21W	5	4000K / 80+	2805	24VDC	120°	83.33 IP65
<b>TV.352</b>	84	21W	5	5700K / 80+	2880	24VDC	120°	83.33 IP65

\*Please confirm the connection points on the modules.  
\*\*Available in IP66 upon request.





# PRIME SERIES 48LED/m 10.5W/m CRI80+



Prime Series is the finest series in the LED strips range produced with Nichia LEDs. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:  
On-Off/DALI(0...10V)1...10V/DIMS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



L90/B10 50.000h  
3 Step MacAdam



Code	No. LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate
<b>IP20</b>								
<b>TV.308</b>	48	10.5W	5	2700K / 80+	775	12VDC	120°	IP20
<b>TV.311</b>	48	10.5W	5	5600K / 80+	950	12VDC	120°	IP20
<b>IP65</b>								
<b>TV.314</b>	48	10.5W	5	4000K / 80+	875	12VDC	120°	IP65
<b>TV.315</b>	48	10.5W	5	5600K / 80+	950	12VDC	120°	IP65

\*Please confirm the connection points on the modules.



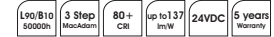
# PRIME SERIES 42LED/m 10W/m CRI80+

Prime series is the finest series of LED strips, produced with NICHIA LEDs offered with 3 step MacAdam as standard. The series is offered also at low CCTs: 2000K and 2500K besides the standard CCTs. The series has an excellent lumen efficacy that reaches up to 137lm/W. It can ideally be used with the appropriate aluminium profiles and IP20 version is offered with adhesive 3M tape on the rear side.

Lighting management options:  
On-Off/DALI(0...10V)1...10V/DIMS12/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

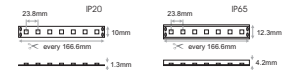


L90/B10 50.000h  
3 Step MacAdam



Code	No. LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
<b>TV.333</b>	42	10.5W	5	2000K / 80+	968	24VDC	120°	IP20
<b>TV.334</b>	42	10.5W	5	2500K / 80+	1049	24VDC	120°	IP20
<b>TV.341</b>	42	10.5W	5	2700K / 80+	1244	24VDC	120°	IP20
<b>TV.345</b>	42	10.5W	5	3000K / 80+	1260	24VDC	120°	IP20
<b>TV.349</b>	42	10.5W	5	4000K / 80+	1395	24VDC	120°	IP20
<b>TV.353</b>	42	10.5W	5	5700K / 80+	1440	24VDC	120°	IP20
<b>IP65</b>								
<b>TV.335</b>	42	10.5W	5	2000K / 80+	955	24VDC	120°	IP65
<b>TV.336</b>	42	10.5W	5	2500K / 80+	1021	24VDC	120°	IP65
<b>TV.342</b>	42	10.5W	5	2700K / 80+	1230	24VDC	120°	IP65
<b>TV.346</b>	42	10.5W	5	3000K / 80+	1245	24VDC	120°	IP65
<b>TV.350</b>	42	10.5W	5	4000K / 80+	1380	24VDC	120°	IP65
<b>TV.354</b>	42	10.5W	5	5700K / 80+	1420	24VDC	120°	IP65

\*Please confirm the connection points on the modules.  
\*\*Available in IP66 upon request.





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antonias St, N.Phosadiafia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Akasha Beach Hotel & Spa  
(Heraklion Crete / Greece)

Architects: scherma 4 architects  
Photos: Marios Elchiatis

AWARDS:  
BIGSEE Interior Design AWARD 2022 Winner

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antonias St, N.Phosadiafia, 14341 Athens, Greece, info@electron.gr, www.electron.gr

## SUPREME SERIES 168LED/m 20W CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 148lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0, 10V/1, 10V/DMXS12, PHASE CUT/R/RF, PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
<b>TV.418</b>	168	20W	5	2700K / 80+	2665	24VDC	120°	IP20
<b>TV.419</b>	168	20W	5	3000K / 80+	2715	24VDC	120°	IP20
<b>TV.420</b>	168	20W	5	4000K / 80+	2850	24VDC	120°	IP20
<b>TV.421</b>	168	20W	5	5700K / 80+	2950	24VDC	120°	IP20
<b>IP65</b>								
<b>TV.426</b>	168	20W	5	2700K / 80+	2530	24VDC	120°	IP65
<b>TV.427</b>	168	20W	5	3000K / 80+	2575	24VDC	120°	IP65
<b>TV.428</b>	168	20W	5	4000K / 80+	2730	24VDC	120°	IP65
<b>TV.429</b>	168	20W	5	5700K / 80+	2800	24VDC	120°	IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 168LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 126lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0, 10V/1, 10V/DMXS12, PHASE CUT/R/RF, PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
<b>TV.422</b>	168	20W	5	2700K / 90+	2260	24VDC	120°	IP20
<b>TV.423</b>	168	20W	5	3000K / 90+	2328	24VDC	120°	IP20
<b>TV.424</b>	168	20W	5	4000K / 90+	2445	24VDC	120°	IP20
<b>TV.425</b>	168	20W	5	5700K / 90+	2504	24VDC	120°	IP20
<b>IP65</b>								
<b>TV.430</b>	168	20W	5	2700K / 90+	2145	24VDC	120°	IP65
<b>TV.431</b>	168	20W	5	3000K / 90+	2210	24VDC	120°	IP65
<b>TV.432</b>	168	20W	5	4000K / 90+	2320	24VDC	120°	IP65
<b>TV.433</b>	168	20W	5	5700K / 90+	2376	24VDC	120°	IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## TUNABLE WHITE

### 140/168LED/m 10W/20W CRI80



Tunable White strips are produced with Samsung LEDs. Offered with 2700K, 2700K & 5700K LEDs to create a unique CCT in a space. Can ideally be used with the appropriate aluminium profiles and are offered with adhesive 3M tape on the rear side.

Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

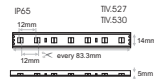


TUNABLE WHITE  
2700K-----5700K



Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Voltage	Beam Angle	IP Rate
<i>140LED/m, 20W</i>								
				Adjustable				
<b>TV.445</b> /CA	140	20W	5	WW (2700K) – CW (5700K)	CRI80	24VDC	120°	IP20
<i>168LED/m, 20W</i>								
				Adjustable				
<b>TV.442</b> /CA	168	20W	5	WW (2700K) – CW (5700K)	CRI80	24VDC	120°	IP20
				Adjustable				
<b>TV.527</b> /CA	168	20W	5	WW (2700K) – CW (5700K)	CRI80	24VDC	120°	IP65
<i>168LED/m, 10W</i>								
				Adjustable				
<b>TV.529</b> /CA	168	10W	5	WW (2700K) – CW (5700K)	CRI80	24VDC	120°	IP20
				Adjustable				
<b>TV.530</b> /CA	168	10W	5	WW (2700K) – CW (5700K)	CRI80	24VDC	120°	IP65

\* Please confirm the connection points on the modules.

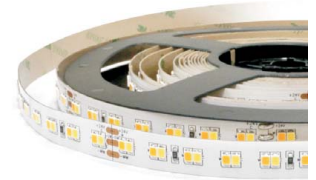


## TUNABLE WHITE

### 168LED/m 10W/20W CRI90

Tunable White strips are produced with Samsung LEDs. Offered with 2700K & 5700K LEDs to create a unique CCT in a space. Can ideally be used with the appropriate aluminium profiles and are offered with adhesive 3M tape on the rear side.

Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

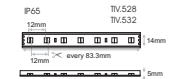
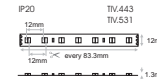


TUNABLE WHITE  
2700K-----5700K



Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Voltage	Beam Angle	IP Rate
<i>168LED/m, 20W</i>								
				Adjustable				
<b>TV.443</b> /CA	168	20W	5	WW (2700K) – CW (5700K)	CRI90	24VDC	120°	IP20
				Adjustable				
<b>TV.528</b> /CA	168	20W	5	WW (2700K) – CW (5700K)	CRI90	24VDC	120°	IP65
<i>168LED/m, 10W</i>								
				Adjustable				
<b>TV.531</b> /CA	168	10W	5	WW (2700K) – CW (5700K)	CRI90	24VDC	120°	IP20
				Adjustable				
<b>TV.532</b> /CA	168	10W	5	WW (2700K) – CW (5700K)	CRI90	24VDC	120°	IP65

\* Please confirm the connection points on the modules.



## SUPREME SERIES 140LED/m 15W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 136lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam

LIGHTSOURCE BY **SAMSUNG**

L80/B10 50000h	3 Step MacAdam	80+ CRI	up to 136 lm/W	24VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle °(mm)	IP Rate**
<b>IP20</b>								
<b>TV.403</b>	140	15W	5	2700K / 80+	1840	24VDC	120°	50 IP20
<b>TV.404</b>	140	15W	5	3000K / 80+	1880	24VDC	120°	50 IP20
<b>TV.405</b>	140	15W	5	4000K / 80+	2000	24VDC	120°	50 IP20
<b>TV.406</b>	140	15W	5	5700K / 80+	2045	24VDC	120°	50 IP20
<b>IP65</b>								
<b>TV.407</b>	140	15W	5	2700K / 80+	1750	24VDC	120°	50 IP65
<b>TV.408</b>	140	15W	5	3000K / 80+	1785	24VDC	120°	50 IP65
<b>TV.409</b>	140	15W	5	4000K / 80+	1895	24VDC	120°	50 IP65
<b>TV.410</b>	140	15W	5	5700K / 80+	1940	24VDC	120°	50 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 140LED/m 15W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 111lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



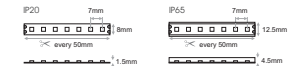
L80/B10 50.000h  
3 Step MacAdam

LIGHTSOURCE BY **SAMSUNG**

L80/B10 50000h	3 Step MacAdam	90+ CRI	up to 114 lm/W	24VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle °(mm)	IP Rate**
<b>IP20</b>								
<b>TV.411</b>	140	15W	5	2700K / 90+	1545	24VDC	120°	50 IP20
<b>TV.412</b>	140	15W	5	3000K / 90+	1590	24VDC	120°	50 IP20
<b>TV.413</b>	140	15W	5	4000K / 90+	1670	24VDC	120°	50 IP20
<b>TV.440</b>	140	15W	5	5700K / 90+	1710	24VDC	120°	50 IP20
<b>IP65</b>								
<b>TV.414</b>	140	15W	5	2700K / 90+	1470	24VDC	120°	50 IP65
<b>TV.415</b>	140	15W	5	3000K / 90+	1505	24VDC	120°	50 IP65
<b>TV.416</b>	140	15W	5	4000K / 90+	1580	24VDC	120°	50 IP65
<b>TV.441</b>	140	15W	5	5700K / 90+	1617	24VDC	120°	50 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 140LED/m 10W/m CRI80+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminum profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI, 10V/1-10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
<b>IP20</b>									
TV.360	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TV.361	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TV.362	140	10W	5	4000K / 80+	1340	24VDC	120°	50	IP20
TV.363	140	10W	5	5700K / 80+	1390	24VDC	120°	50	IP20
TV.522	140	10W	5	2700K / 80+	1250	24VDC	120°	50	IP20
TV.523	140	10W	5	3000K / 80+	1280	24VDC	120°	50	IP20
TV.524	140	10W	5	4000K / 80+	1340	24VDC	120°	50	IP20
<b>IP65</b>									
TV.364	140	10W	5	2700K / 80+	1190	24VDC	120°	50	IP65
TV.365	140	10W	5	3000K / 80+	1215	24VDC	120°	50	IP65
TV.366	140	10W	5	4000K / 80+	1290	24VDC	120°	50	IP65
TV.367	140	10W	5	5700K / 80+	1320	24VDC	120°	50	IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 140LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116lm/W. It can ideally be used with the appropriate aluminum profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI, 10V/1-10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate**
<b>IP20</b>									
TV.376	140	10W	5	2700K / 90+	1050	24VDC	120°	50	IP20
TV.377	140	10W	5	3000K / 90+	1080	24VDC	120°	50	IP20
TV.378	140	10W	5	4000K / 90+	1135	24VDC	120°	50	IP20
TV.438	140	10W	5	5700K / 90+	1162	24VDC	120°	50	IP20
<b>IP65</b>									
TV.379	140	10W	5	2700K / 90+	1000	24VDC	120°	50	IP65
TV.380	140	10W	5	3000K / 90+	1025	24VDC	120°	50	IP65
TV.381	140	10W	5	4000K / 90+	1075	24VDC	120°	50	IP65
TV.439	140	10W	5	5700K / 90+	1100	24VDC	120°	50	IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 140LED/m 5W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam

LIGHTSOURCE BY **SAMSUNG**

L80/B10 50000h	3 Step MacAdam	80+ CRI	up to 138 lm/W	24VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
<b>TV.490</b>	140	5W	5	2700K / 80+	620	24VDC	120°	50 IP20
<b>TV.491</b>	140	5W	5	3000K / 80+	635	24VDC	120°	50 IP20
<b>TV.492</b>	140	5W	5	4000K / 80+	675	24VDC	120°	50 IP20
<b>TV.493</b>	140	5W	5	5700K / 80+	690	24VDC	120°	50 IP20
<b>IP65</b>								
<b>TV.494</b>	140	5W	5	2700K / 80+	590	24VDC	120°	50 IP65
<b>TV.495</b>	140	5W	5	3000K / 80+	605	24VDC	120°	50 IP65
<b>TV.496</b>	140	5W	5	4000K / 80+	640	24VDC	120°	50 IP65
<b>TV.497</b>	140	5W	5	5700K / 80+	655	24VDC	120°	50 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 140LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 115lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMXS12/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



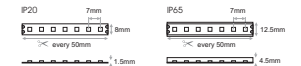
L80/B10 50.000h  
3 Step MacAdam

LIGHTSOURCE BY **SAMSUNG**

L80/B10 50000h	3 Step MacAdam	90+ CRI	up to 115 lm/W	24VDC
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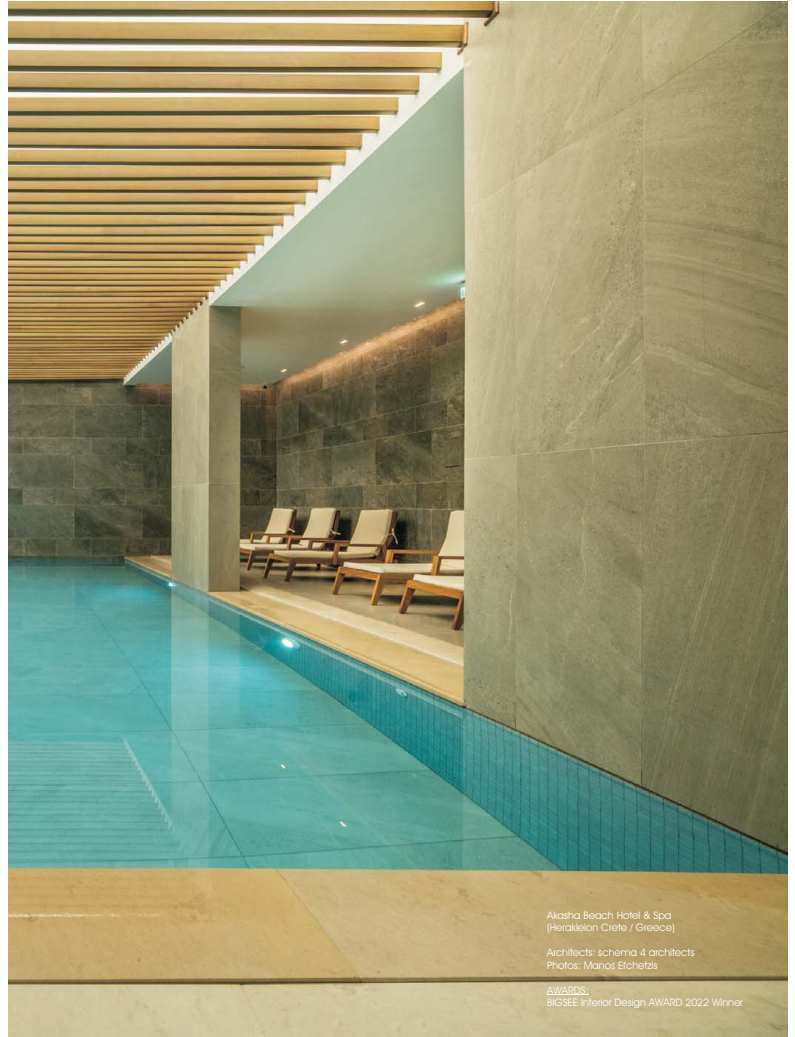
Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
<b>TV.498</b>	140	5W	5	2700K / 90+	520	24VDC	120°	50 IP20
<b>TV.499</b>	140	5W	5	3000K / 90+	535	24VDC	120°	50 IP20
<b>TV.500</b>	140	5W	5	4000K / 90+	540	24VDC	120°	50 IP20
<b>TV.501</b>	140	5W	5	5700K / 90+	573	24VDC	120°	50 IP20
<b>IP65</b>								
<b>TV.502</b>	140	5W	5	2700K / 90+	495	24VDC	120°	50 IP65
<b>TV.503</b>	140	5W	5	3000K / 90+	510	24VDC	120°	50 IP65
<b>TV.504</b>	140	5W	5	4000K / 90+	535	24VDC	120°	50 IP65
<b>TV.505</b>	140	5W	5	5700K / 90+	548	24VDC	120°	50 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.





ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artichas St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



Akasha Beach Hotel & Spa  
(Heraklion Crete / Greece)

Architects: schema 4 architects  
Photos: Manos Efthetis

AWARDS:  
BIGSEE Interior Design AWARD 2022 Winner

ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Artichas St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



## SUPREME SERIES 70LED/m 10W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 139lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°)	IP Rate**
<b>IP20</b>								
TV506	70	10W	5	2700K / 80+	1250	24VDC	120°	100 IP20
TV507	70	10W	5	3000K / 80+	1280	24VDC	120°	100 IP20
TV508	70	10W	5	4000K / 80+	1340	24VDC	120°	100 IP20
TV509	70	10W	5	5700K / 80+	1390	24VDC	120°	100 IP20
<b>IP65</b>								
TV510	70	10W	5	2700K / 80+	1190	24VDC	120°	100 IP65
TV511	70	10W	5	3000K / 80+	1215	24VDC	120°	100 IP65
TV512	70	10W	5	4000K / 80+	1290	24VDC	120°	100 IP65
TV513	70	10W	5	5700K / 80+	1320	24VDC	120°	100 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP65 upon request.



## SUPREME SERIES 70LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 116lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

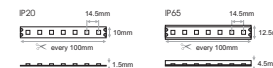


L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°)	IP Rate**
<b>IP20</b>								
TV514	70	10W	5	2700K / 90+	1050	24VDC	120°	100 IP20
TV515	70	10W	5	3000K / 90+	1080	24VDC	120°	100 IP20
TV516	70	10W	5	4000K / 90+	1135	24VDC	120°	100 IP20
TV517	70	10W	5	5700K / 90+	1162	24VDC	120°	100 IP20
<b>IP65</b>								
TV518	70	10W	5	2700K / 90+	1000	24VDC	120°	100 IP65
TV519	70	10W	5	3000K / 90+	1025	24VDC	120°	100 IP65
TV520	70	10W	5	4000K / 90+	1075	24VDC	120°	100 IP65
TV521	70	10W	5	5700K / 90+	1100	24VDC	120°	100 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP65 upon request.



## SUPREME SERIES 70LED/m 5W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 138lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0, 10V/1, 10V/DMXS12, PHASE CUT/R/RF, PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°)	IP Rate**
<b>IP20</b>								
<b>TV.368</b>	70	5W	5	2700K / 80+	620	24VDC	120°	100 IP20
<b>TV.369</b>	70	5W	5	3000K / 80+	635	24VDC	120°	100 IP20
<b>TV.370</b>	70	5W	5	4000K / 80+	675	24VDC	120°	100 IP20
<b>TV.371</b>	70	5W	5	5700K / 80+	690	24VDC	120°	100 IP20
<b>IP65</b>								
<b>TV.372</b>	70	5W	5	2700K / 80+	590	24VDC	120°	100 IP65
<b>TV.373</b>	70	5W	5	3000K / 80+	605	24VDC	120°	100 IP65
<b>TV.374</b>	70	5W	5	4000K / 80+	640	24VDC	120°	100 IP65
<b>TV.375</b>	70	5W	5	5700K / 80+	655	24VDC	120°	100 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 70LED/m 5W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 115lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI0, 10V/1, 10V/DMXS12, PHASE CUT/R/RF, PUSH BUTTON/Bluetooth

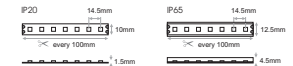


L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°)	IP Rate**
<b>IP20</b>								
<b>TV.382</b>	70	5W	5	2700K / 90+	520	24VDC	120°	100 IP20
<b>TV.383</b>	70	5W	5	3000K / 90+	535	24VDC	120°	100 IP20
<b>TV.384</b>	70	5W	5	4000K / 90+	560	24VDC	120°	100 IP20
<b>TV.436</b>	70	5W	5	5700K / 90+	573	24VDC	120°	100 IP20
<b>IP65</b>								
<b>TV.385</b>	70	5W	5	2700K / 90+	495	24VDC	120°	100 IP65
<b>TV.386</b>	70	5W	5	3000K / 90+	510	24VDC	120°	100 IP65
<b>TV.387</b>	70	5W	5	4000K / 90+	535	24VDC	120°	100 IP65
<b>TV.437</b>	70	5W	5	5700K / 90+	548	24VDC	120°	100 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP66 upon request.



## SUPREME SERIES 70LED/m 3W/m CRI80+



Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 145lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth



L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°)	IP Rate**
<b>IP20</b>								
TV.389	70	3W	5	2700K / 80+	390	24VDC	120°	100 IP20
TV.390	70	3W	5	3000K / 80+	400	24VDC	120°	100 IP20
TV.391	70	3W	5	4000K / 80+	425	24VDC	120°	100 IP20
TV.392	70	3W	5	5700K / 80+	435	24VDC	120°	100 IP20
<b>IP65</b>								
TV.393	70	3W	5	2700K / 80+	370	24VDC	120°	100 IP65
TV.394	70	3W	5	3000K / 80+	380	24VDC	120°	100 IP65
TV.395	70	3W	5	4000K / 80+	405	24VDC	120°	100 IP65
TV.396	70	3W	5	5700K / 80+	415	24VDC	120°	100 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP65 upon request.



## SUPREME SERIES 70LED/m 3W/m CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 121lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version). Supreme series consists of strips with different power consumptions: 3watt/m, 5watt/m, 10watt/m, 15watt/m and 20watt/m so as to meet the light level requirements of any architectural space.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/R/RF/PUSH BUTTON/Bluetooth

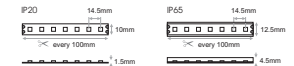


L80/B10 50.000h  
3 Step MacAdam



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°)	IP Rate**
<b>IP20</b>								
TV.397	70	3W	5	2700K / 90+	330	24VDC	120°	100 IP20
TV.398	70	3W	5	3000K / 90+	335	24VDC	120°	100 IP20
TV.399	70	3W	5	4000K / 90+	355	24VDC	120°	100 IP20
TV.434	70	3W	5	5700K / 90+	363	24VDC	120°	100 IP20
<b>IP65</b>								
TV.400	70	3W	5	2700K / 90+	310	24VDC	120°	100 IP65
TV.401	70	3W	5	3000K / 90+	320	24VDC	120°	100 IP65
TV.402	70	3W	5	4000K / 90+	335	24VDC	120°	100 IP65
TV.435	70	3W	5	5700K / 90+	343	24VDC	120°	100 IP65

\* Please confirm the connection points on the modules.  
\*\* Available in IP65 upon request.



## SUPREME SERIES 60LED/m 20W CRI80+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 103lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



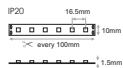
L70/B36 36.000h

LIGHTSOURCE BY  
**SAMSUNG**

L70/B36 36000h	80+ CRI	92-103 lm/W	24VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°/mm)	IP Rate
<b>TV.317</b>	60	20W	5	2700K / 80+	1850	24VDC	120° 100	IP20
<b>TV.355</b>	60	20W	5	3000K / 80+	1950	24VDC	120° 100	IP20
<b>TV.316</b>	60	20W	5	4000K / 80+	2050	24VDC	120° 100	IP20

\*Please confirm the connection points on the modules.



Flexible LED

Flexible LEDs

## SUPREME SERIES 60LED/m 20W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 98lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



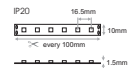
L70/B36 36.000h

LIGHTSOURCE BY  
**SAMSUNG**

L70/B36 36000h	90+ CRI	85-98 lm/W	24VDC
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Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°/mm)	IP Rate**
<b>TV.358</b>	60	20W	5	2700K / 90+	1700	24VDC	120° 100	IP20
<b>TV.324</b>	60	20W	5	3000K / 90+	1750	24VDC	120° 100	IP20
<b>TV.326</b>	60	20W	5	4000K / 90+	1950	24VDC	120° 100	IP20

\*Please confirm the connection points on the modules.



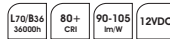
## SUPREME SERIES 30LED/m 10W CRI80+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 105lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:  
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

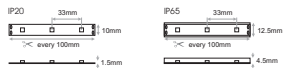


L70/B36 36.000h



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate
<b>IP20</b>									
TV.356	30	10W	5	2700K / 80+	950	12VDC	120°	100	IP20
TV.319	30	10W	5	3000K / 80+	1000	12VDC	120°	100	IP20
TV.318	30	10W	5	4000K / 80+	1050	12VDC	120°	100	IP20
<b>IP65</b>									
TV.357	30	10W	5	2700K / 80+	900	12VDC	120°	100	IP65
TV.321	30	10W	5	3000K / 80+	950	12VDC	120°	100	IP65
TV.320	30	10W	5	4000K / 80+	1000	12VDC	120°	100	IP65

\*Please confirm the connection points on the modules.



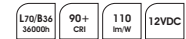
## SUPREME SERIES 30LED/m 10W CRI90+

Supreme series is the finest series of LED strips, produced with Samsung LEDs. The series has an excellent lumen efficacy that reaches up to 110lm/W. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).

Lighting management options:  
On-Off/DALI(0...10V)/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

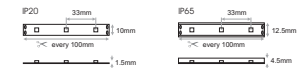


L70/B36 36.000h



Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	Beam * (mm)	IP Rate
<b>IP20</b>									
TV.337	30	10W	5	2700K-3000K / 90+	1100	12VDC	120°	100	IP20
<b>IP65</b>									
TV.338	30	10W	5	2700K-3000K / 90+	1050	12VDC	120°	100	IP65

\*Please confirm the connection points on the modules.





Allia Resort & Spa, Rhodes, Greece



## SUPREME SERIES 60LED/m Thermal Management

Supreme Series is the finest series of LED strips with Samsung LEDs. It is offered with adhesive tape on the rear side. Different CCTs are available upon request. It offers Thermal Management and it has Constant Current IC.

Lighting management options:  
On-Off/DALI(0..10V)/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

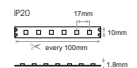


### THERMAL MANAGEMENT



Code	No.LED/m	Watt/m	Beam(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle (°/mm)	IP Rate
<b>TV.328</b>	60	20W	5	3000K / 80+	2000	24VDC	120° 100	IP20
<b>TV.327</b>	60	20W	5	4000K / 80+	2150	24VDC	120° 100	IP20

\* Please confirm the connection points on the modules.



## WIRELESS CONTROL 32LED/m



The Wireless Control strip has individually controllable pixels one by one through standard programs of CDS.304 controller. The cutting section of 1 LED and 1 IC ensures higher flexibility of installation. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. 2x240 pixels / 2x7.5m can be controlled with CDS.304 in parallel signal connection. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side (IP20 version).



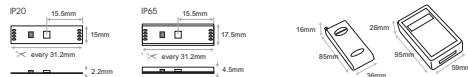
One by one individually controllable LEDs through standard programs of CDS.304 wireless controller. 94 modes with adjustable speed. 2x240 pixels / 2x7.5m in parallel signal connection

Wireless Control 5VDC

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
<b>IP20</b>								
TV.304	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
<b>IP65</b>								
TV.305	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

\*Please confirm the connection points on the modules.

Code	Supply Voltage	Nr. of modes/ programmes	Control
CDS.304	12VDC PSU is included	94	Stand alone or wireless RF remote control



ACC.244 Holder supplied as extra

ACC.244 Holder supplied as extra

## DMX512 DIRECT CONTROL 32LED/m



The DMX512 Direct Control strip has individually controllable pixels one by one through standard DMX12 protocol. The cutting section of 1 LED and 1 IC ensures higher flexibility of installation. It is ideal for creating LED matrix effects. It is offered at 2pcs of 80 LEDs (2x2.5m) RGB. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

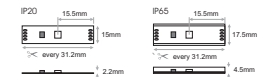
One by one individually controllable LEDs through standard DMX-512 control protocol.



DMX-512 Direct Control 5VDC

Code	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	Pixel Pitch* (mm)	IP Rate
<b>IP20</b>								
TV.306	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP20
<b>IP65</b>								
TV.307	32	9W	2 x 2.5m	RGB	5VDC	120°	31.2	IP65

\*Please confirm the connection points on the modules.



## STANDARD SERIES 192 & 144 LED/m R+G+B+W(4000K) one by one chip

R+G+B+W one by one chip LED strips are offered for creating unique colour effects and for static scenes. The intensity varies 15W/m & 27W/m depending on the desired lighting outcome. It can ideally be used with the appropriate aluminium profiles and it is offered with adhesive 3M tape on the rear side.

Lighting management options:  
DMX, DALI, Wireless IR or RF controllers

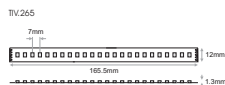
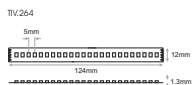


R+G+B+W  
one by one chip

24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT*	Voltage	Beam Angle	IP Rate
<b>TV.264</b> /CA	192	27W	5	R+G+B+W (4000K)	24VDC	120°	124
<b>TV.265</b> /CA	144	15W	5	R+G+B+W (4000K)	24VDC	120°	165.5

\* Adjustable colour temperature by adding blue or red.  
\*\* Please confirm the connection points on the modules.  
\*\*\* Common Anode connection



Flexible LED

Flexible LEDs

## STANDARD SERIES 108, 84, 60, 48 LED/m RGBW-RGBWW-RGBCW 4in1 chip

Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

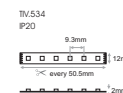
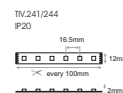


Adjustable CCT  
RGBW, RGBWW, RGBCW

24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	IP Rate
<i>IP20</i>							
<b>TV.240</b> /CA	84	27W	5	RGBWW 4in1 (2700K)	Adjustable	24VDC 120°	71.5
<b>TV.241</b> /CA	60	19.5W	5	RGBWW 4in1 (2700K)	Adjustable	24VDC 120°	100
<b>TV.243</b> /CA	84	27W	5	RGBCW 4in1 (6000K)	Adjustable	24VDC 120°	71.5
<b>TV.244</b> /CA	60	19.5W	5	RGBCW 4in1 (6000K)	Adjustable	24VDC 120°	100
<b>TV.534</b> /CA	108	15W	5	RGBW 4in1 (2700K)	Adjustable	24VDC 120°	50.5
<i>IP65</i>							
<b>TV.242</b> /CA	48	15.4W	5	RGBWW 4in1 (2700K)	Adjustable	24VDC 120°	125
<b>TV.245</b> /CA	48	15.4W	5	RGBCW 4in1 (6000K)	Adjustable	24VDC 120°	125
<b>TV.533</b> /CA	108	15W	5	RGBW 4in1 (2700K)	Adjustable	24VDC 120°	50.5

\* Please confirm the connection points on the modules.





# STANDARD SERIES 96 & 60 LED/m RGB+WW 3CHIP



Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

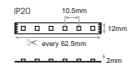
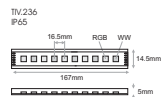
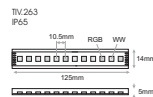
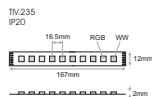
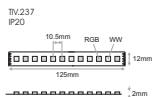


Adjustable CCT  
RGB+WW

24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT		Voltage	Beam Angle	Beam Angle (°mm)	IP Rate
<b>IP20</b>									
TIV.237 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125	IP20
TIV.235 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167	IP20
<b>IP65</b>									
TIV.263 /CA	96	23W	5	48RGB+48WW (3000K)	Adjustable	24VDC	120°	125	IP65
TIV.236 /CA	60	14.4W	5	30RGB+30WW (3000K)	Adjustable	24VDC	120°	167	IP65

\* Please confirm the connection points on the modules.



# STANDARD SERIES 96LED/m RGBin1 3CHIP



Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



RGB

24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	Beam Angle (°mm)	IP Rate
TIV.229 /CA	96	23W	5	RGB	24VDC	120°	62.5	IP20

\* Please confirm the connection points on the modules.

# STANDARD SERIES 60LED/m RGBin1 3CHIP

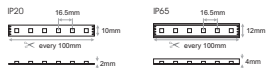
Lighting management options:  
DALI/DMX512/PHASE CUT/R/RF/Bluetooth



RGB 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminous FLUX (lm/m)	Wavelength	Voltage	Beam Angle (°)	IP Rate
<b>IP20</b>									
<b>TV121</b> /CC	60	14.5W	5	RG8	R: 88 lm/m G: 266 lm/m B: 58 lm/m	R: 624nm G: 526nm B: 463nm	24VDC	120°	IP20
<b>TV199</b> /CA	60	14.5W	5	RG8			24VDC	120°	IP20
<b>IP65</b>									
<b>TV169</b> /CC	60	14.5W	5	RG8	R: 84 lm/m G: 254 lm/m B: 55 lm/m	R: 624nm G: 526nm B: 463nm	24VDC	120°	IP65
<b>TV138</b> /CA	60	14.5W	5	RG8			24VDC	120°	IP65

\* Please confirm the connection points on the modules.



# STANDARD SERIES 30LED/m RGBin1 3CHIP

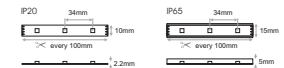
Lighting management options:  
DALI/DMX512/PHASE CUT/R/RF/Bluetooth



RGB 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminous FLUX (lm/m)	Wavelength	Voltage	Beam Angle (°)	IP Rate
<b>IP20</b>									
<b>TV120</b> /CA	30	7.2W	5	RG8	R: 32 lm/m G: 130 lm/m B: 26 lm/m	R: 624nm G: 526nm B: 463nm	12VDC	120°	IP20
<b>TV157</b> /CC	30	7.2W	5	RG8			12VDC	120°	IP20
<b>IP65</b>									
<b>TV203</b> /CA	30	7.2W	5	RG8	R: 30 lm/m G: 124 lm/m B: 25 lm/m	R: 624nm G: 526nm B: 463nm	12VDC	120°	IP65
<b>TV160</b> /CC	30	7.2W	5	RG8			12VDC	120°	IP65

\* Please confirm the connection points on the modules.



# STANDARD SERIES 60LED/m Monochromatic 3CHIP



Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



# STANDARD SERIES 30LED/m Monochromatic 3CHIP

Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 3chip 24VDC

Monochromatic 3chip 12VDC

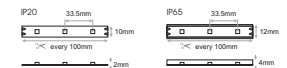
Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
TM.222	60	14.4W	5	2600-2900K	730	24VDC	120°	IP20
TM.189	60	14.4W	5	2900-3300K	780	24VDC	120°	IP20
TM.217	60	14.4W	5	3900-4300K	840	24VDC	120°	IP20
TM.188	60	14.4W	5	5700-6300K	950	24VDC	120°	IP20
TM.227	60	14.4W	5	BLUE	-	24VDC	120°	IP20
TM.228	60	14.4W	5	RED	-	24VDC	120°	IP20
<b>IP65</b>								
TM.223	60	14.4W	5	2600-2900K	700	24VDC	120°	IP65
TM.193	60	14.4W	5	2900-3300K	740	24VDC	120°	IP65
TM.218	60	14.4W	5	3900-4300K	800	24VDC	120°	IP65
TM.192	60	14.4W	5	5700-6300K	900	24VDC	120°	IP65

\* Available in other colours upon request  
\*\* Please confirm the connection points on the modules



Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
<b>IP20</b>								
TM.224	30	7.2W	5	2600-2900K	330	12VDC	120°	IP20
TM.191	30	7.2W	5	2900-3300K	390	12VDC	120°	IP20
TM.238	30	7.2W	5	3900-4400K	390	12VDC	120°	IP20
TM.190	30	7.2W	5	5700-6300K	470	12VDC	120°	IP20
<b>IP65</b>								
TM.225	30	7.2W	5	2600-2900K	310	12VDC	120°	IP65
TM.195	30	7.2W	5	2900-3300K	370	12VDC	120°	IP65
TM.194	30	7.2W	5	5700-6300K	440	12VDC	120°	IP65

\* Available in other colours upon request  
\*\* Please confirm the connection points on the modules



# STANDARD SERIES 120LED/m Monochromatic



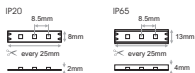
Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminous FLUX (lm/m)	Voltage	Beam Angle	*mm	IP Rate
<b>IP20</b>									
TV.251	120	9.6W	5	2200-2400K	580	12VDC	120°	25	IP20
TV.220	120	9.6W	5	2600-2900K	600	12VDC	120°	25	IP20
TV.175	120	9.6W	5	2900-3300K	640	12VDC	120°	25	IP20
TV.201	120	9.6W	5	3900-4300K	720	12VDC	120°	25	IP20
TV.174	120	9.6W	5	5700-6300K	780	12VDC	120°	25	IP20
TV.173	120	9.6W	5	BLUE	-	12VDC	120°	25	IP20
TV.202	120	9.6W	5	AMBER	-	12VDC	120°	25	IP20
<b>IP65</b>									
TV.252	120	9.6W	5	2200-2400K	560	12VDC	120°	25	IP65
TV.221	120	9.6W	5	2600-2900K	580	12VDC	120°	25	IP65
TV.184	120	9.6W	5	2900-3300K	620	12VDC	120°	25	IP65
TV.216	120	9.6W	5	3900-4300K	705	12VDC	120°	25	IP65
TV.185	120	9.6W	5	5700-6300K	750	12VDC	120°	25	IP65
TV.186	120	9.6W	5	BLUE	-	12VDC	120°	25	IP65
TV.187	120	9.6W	5	RED	-	12VDC	120°	25	IP65
TV.197	120	9.6W	5	GREEN	-	12VDC	120°	25	IP65

\* Available in other colours upon request  
\*\* Please confirm the connection points on the modules



# STANDARD SERIES 60LED/m Monochromatic

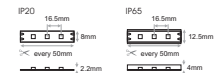
Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminous FLUX (lm/m)	Voltage	Beam Angle	*mm	IP Rate**
<b>IP20</b>									
TV.249	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP20
TV.206	60	4.8W	5	2600-2900K	260	12VDC	120°	50	IP20
TV.143	60	4.8W	5	2900-3300K	280	12VDC	120°	50	IP20
TV.214	60	4.8W	5	3900-4300K	310	12VDC	120°	50	IP20
TV.142	60	4.8W	5	5700-6300K	350	12VDC	120°	50	IP20
TV.141	60	4.8W	5	RED	-	12VDC	120°	50	IP20
TV.140	60	4.8W	5	GREEN	-	12VDC	120°	50	IP20
TV.139	60	4.8W	5	BLUE	-	12VDC	120°	50	IP20
TV.144	60	4.8W	5	AMBER	-	12VDC	120°	50	IP20
<b>IP65</b>									
TV.250	60	4.8W	5	2200-2400K	240	12VDC	120°	50	IP65
TV.219	60	4.8W	5	2600-2900K	240	12VDC	120°	50	IP65
TV.162	60	4.8W	5	2900-3300K	260	12VDC	120°	50	IP65
TV.215	60	4.8W	5	3900-4300K	290	12VDC	120°	50	IP65
TV.161	60	4.8W	5	5700-6300K	225	12VDC	120°	50	IP65
TV.158	60	4.8W	5	RED	-	12VDC	120°	50	IP65
TV.163	60	4.8W	5	BLUE	-	12VDC	120°	50	IP65
TV.198	60	4.8W	5	AMBER	-	12VDC	120°	50	IP65

\* Available in other colours upon request  
\*\* Please confirm the connection points on the modules



# STANDARD SERIES 30LED/m Monochromatic

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



# 5mm WIDTH 96LED/m

A LED strip of 5mm width, ideal for applications with special requirements in terms of width.

Lighting management options:  
On-Off/DALI/0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Monochromatic 12VDC

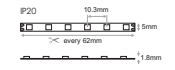
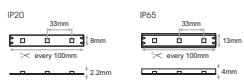
5mm Width 24VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT/Colour*	Luminous FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
<b>IP20</b>									
TV.172	30	2.5W	5	2900-3300K	120	12VDC	120°	100	IP20
TV.171	30	2.5W	5	5700-6300K	150	12VDC	120°	100	IP20
TV.170	30	2W	5	BLUE	-	12VDC	120°	100	IP20
<b>IP65</b>									
TV.182	30	2.5W	5	2900-3300K	110	12VDC	120°	100	IP65
TV.183	30	2.5W	5	5700-6300K	140	12VDC	120°	100	IP65

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	* (mm)	IP Rate**
TV.254	96	7.6W	5	4000K / 80+	800	24VDC	120°	62	IP20

\* Please confirm the connection points on the modules.

\* Available in other colours upon request  
\*\* Please confirm the connection points on the modules



# WW BENDABLE 60LED/m



Bendable LED Strip ideal for special application requirements.

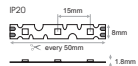
Lighting management options:  
On-Off/DALI(0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



WW Bendable 12VDC

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate**
TV.255	60	4.8W	5	2900-3100K / 80+	430	12VDC	120°	50   IP20
TV.256	60	4.8W	5	4000-4300K / 80+	570	12VDC	120°	50   IP20

\* Please confirm the connection points on the modules.



# VARIABLE ANGLE 60, 70 LED/m

Strip with variable angle of LEDs for special application requirements.

Lighting management options:  
On-Off/DALI(0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



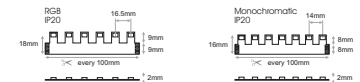
Variable Angle 24VDC

Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	IP Rate
TV.259 /CA	60	14.4W	5	RGB	24VDC	120°	100   IP20

\*CA= Common Anode  
\*\* Please confirm the connection points on the modules.

Code	No.LED/m	Watt/m	Reel(m)	CCT / CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP Rate
TV.257	70	4.8W	5	2900-3100K / 80+	430	24VDC	120°	100   IP20
TV.258	70	4.8W	5	4000-4300K / 80+	570	24VDC	120°	100   IP20

\* Please confirm the connection points on the modules.



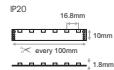
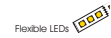
## SIDE EMITTING 60LED/m RGBin1

Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



Code*	No.LED/m	Watt/m	Reel(m)	Colour	Voltage	Beam Angle	IP Rate
TV.181 JCA	60	14.4W	5	RGB	24VDC	120°	IP20

\*CA= Common Anode  
\*\* Please confirm the connection points on the modules.



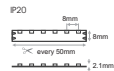
## SIDE EMITTING 120LED/m Monochromatic

Lighting management options:  
On-Off/DALI...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	No.LED/m	Watt/m	Reel(m)	CCT	Voltage	Beam Angle	IP Rate
TV.149	120	14.4W	5	2700K	24VDC	120°	IP20
TV.148	120	14.4W	5	5000K	24VDC	120°	IP20

\* Please confirm the connection points on the modules.



## Connectors / Accessories

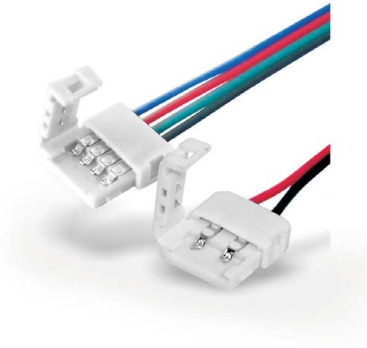
Image Code Description

### CONNECTORS FOR MONOCHROMATIC LED STRIPS

	ACC.215	2 connectors for Single Colour 8mm
	ACC.216	Wire connector for Single Colour 8mm
	ACC.217	Wire connector for Single Colour 10mm
	ACC.219	Wire & 2 connectors for Single Colour 8mm
	ACC.220	Wire & 2 connectors for Single Colour 10mm
	ACC.223	2 connectors for Single Colour 10mm

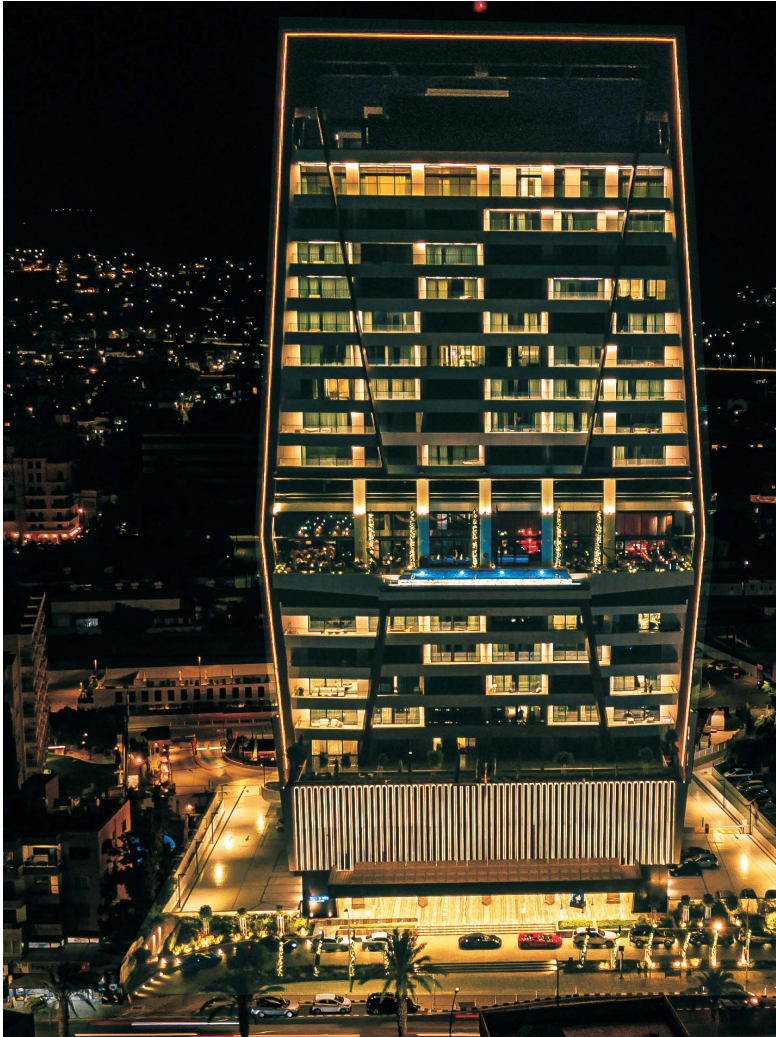
### CONNECTORS FOR RGB LED STRIPS

	ACC.214	2 connectors.
	ACC.212	Wire in between two connectors.
	ACC.218	Wire connector for RGB 10mm
	ACC.221	Wire & 2 connectors for RGB 10mm
	ACC.224	2 connectors for RGB 10mm



### ACCESSORIES FOR LED STRIPS

	ACC.239	End cap for Waterproof LED STRIPS.
	ACC.240	Holder for Waterproof LED STRIPS.
	ACC.241	Male-Female power connector for Monochromatic LED STRIPS.



ELECTRON SA, PROFESSIONAL LIGHTING SYSTEMS - 68 Antiochia St, N.Philadelpia, 14341 Athens, Greece, info@electron.gr, www.electron.gr



ICON TOWER High Rise Residential (Limassol, Cyprus)  
Lighting design: Sigala-lighting  
Architect: UDS Architects  
Photo: Marios Ioannides

AWARD:



LIGHTING DESIGN AWARDS:  
Winners in Residential Lighting Design

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# FLAT H MILKY LED



- FLAT H Milky LED is fully encapsulated Horizontal bending flexible linear LED.
- Available with Nichia and LEDs or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs CRI>80, 2700/3000/3500/4000K also available in CRI>90 upon request.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap DRY IP67
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

### Max connection lengths:

#### PVC:

- Monochromatic & Tunable White: 10m single supply/ 20m double supply
- RGB: 7m single supply/ 14m double supply
- RGBW: 5m single supply/ 10m double supply

#### Silicone:

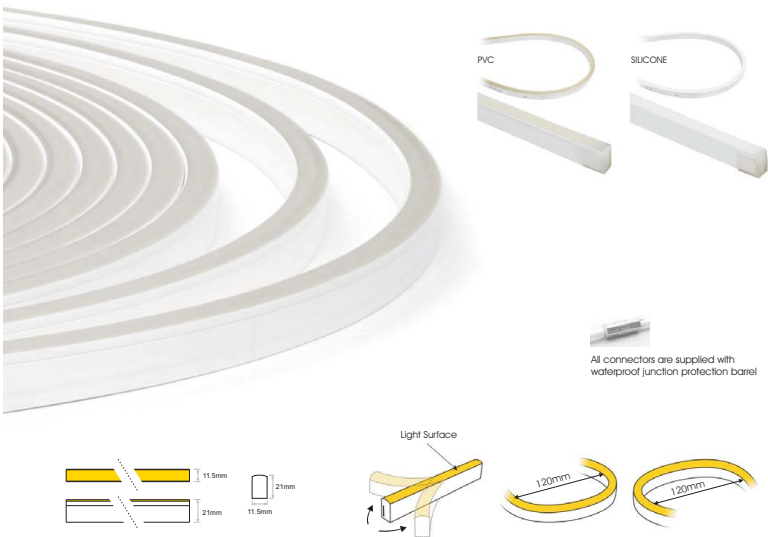
- Monochromatic, Dim to Warm & Tunable White: 15m single supply/ 30m double supply
- RGB: 10m single supply/ 20m double supply
- RGBW: 8m single supply/ 16m double supply

- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW

### Lighting management options:

On-Off(DALI), 10V/1...10V(DMX512), PHASE CUT(R/R), PUSH BUTTON/Bluetooth



Golden Yachts - Yacht Optasia



PVC



Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP(mm)
<b>TV.460</b>	60	12W	20	2200K	>80	275	24VDC	120°	100
<b>TV.461</b>	60	12W	20	2500K	>80	280	24VDC	120°	100
<b>TV.466</b>	60	12W	20	2700K	>80	280	24VDC	120°	100
<b>TV.450</b>	60	12W	20	3000K	>80	315	24VDC	120°	100
<b>TV.462</b>	60	12W	20	3500K	>80	315	24VDC	120°	100
<b>TV.451</b>	60	12W	20	4000K	>80	320	24VDC	120°	100
<b>TV.463</b>	60	12W	20	4500K	>80	320	24VDC	120°	100
<b>TV.452</b>	60	12W	20	5000K	>80	320	24VDC	120°	100
<b>TV.681</b>	144	12W	20	Tunable White 2500K-5000K	>80	110-110	24VDC	120°	83.33
<b>TV.474</b>	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

\* Available in RED, AMBER, BLUE and GREEN upon request.  
 \*\* Please confirm with the <= sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP(mm)
<b>TV.694</b>	72	12W	20	2200K	>80	310	24VDC	120°	83.33
<b>TV.046</b>	72	12W	20	2700K	>80	350	24VDC	120°	83.33
<b>TV.695</b>	72	12W	20	3000K	>80	350	24VDC	120°	83.33
<b>TV.696</b>	72	12W	20	3500K	>80	350	24VDC	120°	83.33
<b>TV.056</b>	72	12W	20	4000K	>80	355	24VDC	120°	83.33
<b>TV.697</b>	72	12W	20	5700K	>80	360	24VDC	120°	83.33
<b>TV.701</b>	72	12W	20	2700K	>90	250	24VDC	120°	83.33
<b>TV.702</b>	72	12W	20	3000K	>90	295	24VDC	120°	83.33
<b>TV.703</b>	72	12W	20	3500K	>90	295	24VDC	120°	83.33
<b>TV.704</b>	72	12W	20	4000K	>90	295	24VDC	120°	83.33

<b>TV.477</b>	72	8W	20	RED		110	24VDC	120°	125
<b>TV.478</b>	72	12W	20	BLUE		35	24VDC	120°	83.33
<b>TV.479</b>	72	12W	20	GREEN		220	24VDC	120°	83.33
<b>TV.480</b>	72	8W	20	AMBER		110	24VDC	120°	125

<b>TV.698</b>	144	12W	20	Warm Dimmable 1800K - 3000K	>80	-	24VDC	120°	83.33
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<b>TV.680</b>	144	12W	20	Tunable White 2200K - 5700K	>80	110-110	24VDC	120°	83.33
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<b>TV.051</b>	60	15W	10	RGB		R:40, G:100, B:15, all:155	24VDC	120°	100
<b>TV.682</b>	60	15W	10	RGBW 2700K		R:40, G:100, B:15, W:100	24VDC	120°	100
<b>TV.684</b>	60	15W	10	RGBW 3000K		R:40, G:100, B:15, W:100	24VDC	120°	100
<b>TV.683</b>	60	15W	10	RGBW 4000K		R:40, G:100, B:15, W:100	24VDC	120°	100
<b>TV.685</b>	60	15W	10	RGBA Amber		-	24VDC	120°	100

\* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.  
 \*\* Please confirm with the <= sign on the rear side of the modules

SILICONE



Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP(mm)
<b>TVS460</b>	60	12W	20	2200K	>80	275	24VDC	120°	100
<b>TVS461</b>	60	12W	20	2500K	>80	280	24VDC	120°	100
<b>TVS446</b>	60	12W	20	2700K	>80	280	24VDC	120°	100
<b>TVS450</b>	60	12W	20	3000K	>80	315	24VDC	120°	100
<b>TVS462</b>	60	12W	20	3500K	>80	315	24VDC	120°	100
<b>TVS451</b>	60	12W	20	4000K	>80	320	24VDC	120°	100
<b>TVS463</b>	60	12W	20	4500K	>80	320	24VDC	120°	100
<b>TVS452</b>	60	12W	20	5000K	>80	320	24VDC	120°	100
<b>TVS681</b>	144	12W	20	Tunable White 2500K-5000K	>80	110-110	24VDC	120°	83.33
<b>TVS474</b>	60	12W	20	RGB		R:45, G:115, B:18	24VDC	120°	100

\* Available in RED, AMBER, BLUE and GREEN upon request.  
 \*\* Please confirm with the <= sign on the rear side of the modules

Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP(mm)
<b>TVS694</b>	72	12W	20	2200K	>80	315	24VDC	120°	83.33
<b>TVS046</b>	72	12W	20	2700K	>80	355	24VDC	120°	83.33
<b>TVS695</b>	72	12W	20	3000K	>80	355	24VDC	120°	83.33
<b>TVS696</b>	72	12W	20	3500K	>80	390	24VDC	120°	83.33
<b>TVS056</b>	72	12W	20	4000K	>80	400	24VDC	120°	83.33
<b>TVS697</b>	72	12W	20	5700K	>80	410	24VDC	120°	83.33
<b>TVS701</b>	72	12W	20	2700K	>90	280	24VDC	120°	83.33
<b>TVS702</b>	72	12W	20	3000K	>90	320	24VDC	120°	83.33
<b>TVS703</b>	72	12W	20	3500K	>90	320	24VDC	120°	83.33
<b>TVS704</b>	72	12W	20	4000K	>90	320	24VDC	120°	83.33

<b>TVS477</b>	72	8W	20	RED		128	24VDC	120°	125
<b>TVS478</b>	72	12W	20	BLUE		70	24VDC	120°	100
<b>TVS479</b>	72	12W	20	GREEN		348	24VDC	120°	100
<b>TVS480</b>	72	8W	20	AMBER		128	24VDC	120°	125

<b>TVS698</b>	144	12W	20	Warm Dimmable 1800K - 3000K	>80	-	24VDC	120°	83.33
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<b>TVS680</b>	144	12W	20	Tunable White 2200K - 5700K	>80	140-170	24VDC	120°	83.33
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<b>TVS051</b>	60	15W	10	RGB		R:50, G:120, B:25, all:195	24VDC	120°	100
<b>TVS682</b>	60	15W	10	RGBW 2700K		R:50, G:120, B:25, W:120	24VDC	120°	100
<b>TVS684</b>	60	15W	10	RGBW 3000K		R:50, G:120, B:25, W:120	24VDC	120°	100
<b>TVS683</b>	60	15W	10	RGBW 4000K		R:50, G:120, B:25, W:120	24VDC	120°	100
<b>TVS685</b>	60	15W	10	RGBA Amber		-	24VDC	120°	100

\*\* Please confirm with the <= sign on the rear side of the modules





## PVC Injection Moulded connection IP67

## PVC Injection Moulded connection IP68

### Side Feed



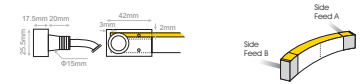
Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CON.001	CON.450	CON.209	CON.527	Side Feed A connector IP67	L= 1m
CON.003	CON.452	CON.211	CON.529	Side Feed A connector IP67	L= 3m
CON.005	CON.454	CON.213	CON.531	Side Feed A connector IP67	L= 5m
CON.007	CON.456	CON.215	CON.533	Side Feed A connector IP67	L= 10m
CON.002	CON.451	CON.210	CON.528	Side Feed B connector IP67	L= 1m
CON.004	CON.453	CON.212	CON.530	Side Feed B connector IP67	L= 3m
CON.006	CON.455	CON.214	CON.532	Side Feed B connector IP67	L= 5m
CON.008	CON.457	CON.216	CON.534	Side Feed B connector IP67	L= 10m



### Side Feed



Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CON.017	CON.466	CON.225	CON.543	Side Feed A connector IP68	L= 1m
CON.019	CON.468	CON.227	CON.545	Side Feed A connector IP68	L= 3m
CON.021	CON.470	CON.229	CON.547	Side Feed A connector IP68	L= 5m
CON.024	CON.472	CON.231	CON.549	Side Feed A connector IP68	L= 10m
CON.018	CON.467	CON.226	CON.544	Side Feed B connector IP68	L= 1m
CON.020	CON.469	CON.228	CON.546	Side Feed B connector IP68	L= 3m
CON.023	CON.471	CON.230	CON.548	Side Feed B connector IP68	L= 5m
CON.025	CON.473	CON.232	CON.550	Side Feed B connector IP68	L= 10m



### Bottom Feed



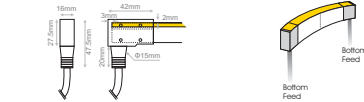
Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CON.009	CON.458	CON.217	CON.535	Bottom Feed connector IP67	L= 1m
CON.010	CON.459	CON.218	CON.536	Bottom Feed connector IP67	L= 3m
CON.011	CON.460	CON.219	CON.537	Bottom Feed connector IP67	L= 5m
CON.012	CON.461	CON.220	CON.538	Bottom Feed connector IP67	L= 10m



### Bottom Feed



Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CON.026	CON.474	CON.233	CON.524	Bottom Feed connector IP68	L= 1m
CON.027	CON.475	CON.234	CON.525	Bottom Feed connector IP68	L= 3m
CON.028	CON.476	CON.235	CON.526	Bottom Feed connector IP68	L= 5m
CON.029	CON.477	CON.236	CON.515	Bottom Feed connector IP68	L= 10m



### End Feed



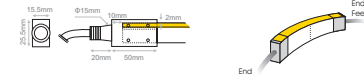
Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CON.013	CON.462	CON.221	CON.539	End Feed connector IP67	L= 1m
CON.014	CON.463	CON.222	CON.540	End Feed connector IP67	L= 3m
CON.015	CON.464	CON.223	CON.541	End Feed connector IP67	L= 5m
CON.016	CON.465	CON.224	CON.542	End Feed connector IP67	L= 10m



### End Feed



Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CON.022	CON.478	CON.237	CON.521	End Feed connector IP68	L= 1m
CON.030	CON.479	CON.238	CON.522	End Feed connector IP68	L= 3m
CON.031	CON.480	CON.239	CON.523	End Feed connector IP68	L= 5m
CON.208	CON.481	CON.240	CON.516	End Feed connector IP68	L= 10m



### End Cap



Single Coloured, TW / DW, RGB, RGW / RGBA	Description
CAP.400	End Cap IP67



### End Cap



Single Coloured, TW / DW, RGB, RGW / RGBA	Description
CAP.401	End Cap IP68



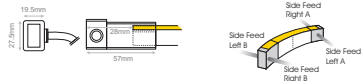


PVC  
Snap connection IP67

Side Feed



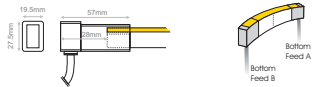
Single Coloured	TW / DW	RGB	Description	Length
CON.048	CON.498	CON.258	Side Feed Left A connector IP67	L= 1m
CON.049	CON.499	CON.259	Side Feed Left A connector IP67	L= 3m
CON.050	CON.500	CON.260	Side Feed Left A connector IP67	L= 5m
CON.051	CON.501	CON.261	Side Feed Left A connector IP67	L= 10m
CON.056	CON.506	CON.266	Side Feed Right A connector IP67	L= 1m
CON.057	CON.507	CON.267	Side Feed Right A connector IP67	L= 3m
CON.058	CON.508	CON.268	Side Feed Right A connector IP67	L= 5m
CON.059	CON.509	CON.269	Side Feed Right A connector IP67	L= 10m
CON.052	CON.502	CON.262	Side Feed Left B connector IP67	L= 1m
CON.053	CON.503	CON.263	Side Feed Left B connector IP67	L= 3m
CON.054	CON.504	CON.264	Side Feed Left B connector IP67	L= 5m
CON.055	CON.505	CON.265	Side Feed Left B connector IP67	L= 10m
CON.060	CON.510	CON.271	Side Feed Right B connector IP67	L= 1m
CON.061	CON.511	CON.272	Side Feed Right B connector IP67	L= 3m
CON.062	CON.512	CON.273	Side Feed Right B connector IP67	L= 5m
CON.063	CON.513	CON.274	Side Feed Right B connector IP67	L= 10m



Bottom Feed



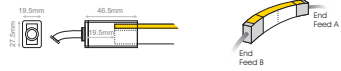
Single Coloured	TW / DW	RGB	Description	Length
CON.040	CON.490	CON.250	Bottom Feed A connector IP67	L= 1m
CON.041	CON.491	CON.251	Bottom Feed A connector IP67	L= 3m
CON.042	CON.492	CON.252	Bottom Feed A connector IP67	L= 5m
CON.043	CON.493	CON.253	Bottom Feed A connector IP67	L= 10m
CON.044	CON.494	CON.254	Bottom Feed B connector IP67	L= 1m
CON.045	CON.495	CON.255	Bottom Feed B connector IP67	L= 3m
CON.046	CON.496	CON.256	Bottom Feed B connector IP67	L= 5m
CON.047	CON.497	CON.257	Bottom Feed B connector IP67	L= 10m



End Feed



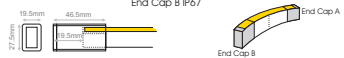
Single Coloured	TW / DW	RGB	Description	Length
CON.032	CON.482	CON.241	End Feed A connector IP67	L= 1m
CON.033	CON.483	CON.243	End Feed A connector IP67	L= 3m
CON.034	CON.484	CON.244	End Feed A connector IP67	L= 5m
CON.035	CON.485	CON.245	End Feed A connector IP67	L= 10m
CON.036	CON.486	CON.246	End Feed B connector IP67	L= 1m
CON.037	CON.487	CON.247	End Feed B connector IP67	L= 3m
CON.038	CON.488	CON.248	End Feed B connector IP67	L= 5m
CON.039	CON.489	CON.249	End Feed B connector IP67	L= 10m



End Cap



Single Coloured, TW / DW, RGB	Description	Length
CAP.402	End Cap A IP67	L= 1m
CAP.410	End Cap B IP67	L= 1m



SILICONE  
Injection Moulded connection IP68

Side Feed



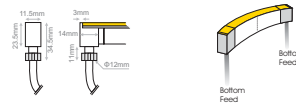
Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CONS017	CONS466	CONS225	CONS543	Side Feed A connector IP68	L= 1m
CONS019	CONS468	CONS227	CONS545	Side Feed A connector IP68	L= 3m
CONS021	CONS470	CONS229	CONS547	Side Feed A connector IP68	L= 5m
CONS024	CONS472	CONS231	CONS549	Side Feed A connector IP68	L= 10m
CONS018	CONS467	CONS226	CONS544	Side Feed B connector IP68	L= 1m
CONS020	CONS469	CONS228	CONS546	Side Feed B connector IP68	L= 3m
CONS023	CONS471	CONS230	CONS548	Side Feed B connector IP68	L= 5m
CONS025	CONS473	CONS232	CONS550	Side Feed B connector IP68	L= 10m



Bottom Feed



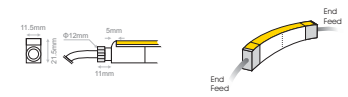
Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CONS026	CONS474	CONS233	CONS524	Bottom Feed connector IP68	L= 1m
CONS027	CONS475	CONS234	CONS525	Bottom Feed connector IP68	L= 3m
CONS028	CONS476	CONS235	CONS526	Bottom Feed connector IP68	L= 5m
CONS029	CONS477	CONS236	CONS515	Bottom Feed connector IP68	L= 10m



End Feed



Single Coloured	TW / DW	RGB	RGW / RGBA	Description	Length
CONS022	CONS478	CONS237	CONS521	End Feed connector IP68	L= 1m
CONS030	CONS479	CONS238	CONS522	End Feed connector IP68	L= 3m
CONS031	CONS480	CONS239	CONS523	End Feed connector IP68	L= 5m
CONS208	CONS481	CONS240	CONS516	End Feed connector IP68	L= 10m



End Cap



Single Coloured, TW / DW, RGB, RGW / RGBA	Description	Length
CAPS401	End Cap IP68	L= 1m



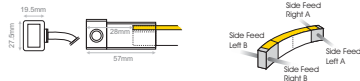


SILICONE  
Snap connection IP67

Side Feed



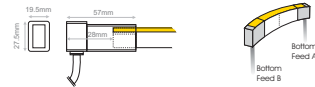
Single Coloured	TW / DW	RGB	Description	Length
CONS048	CONS498	CONS258	Side Feed Left A connector IP67	L= 1m
CONS049	CONS499	CONS259	Side Feed Left A connector IP67	L= 3m
CONS050	CONS500	CONS260	Side Feed Left A connector IP67	L= 5m
CONS051	CONS501	CONS261	Side Feed Left A connector IP67	L= 10m
CONS056	CONS506	CONS266	Side Feed Right A connector IP67	L= 1m
CONS057	CONS507	CONS267	Side Feed Right A connector IP67	L= 3m
CONS058	CONS508	CONS268	Side Feed Right A connector IP67	L= 5m
CONS059	CONS509	CONS269	Side Feed Right A connector IP67	L= 10m
CONS052	CONS502	CONS262	Side Feed Left B connector IP67	L= 1m
CONS053	CONS503	CONS263	Side Feed Left B connector IP67	L= 3m
CONS054	CONS504	CONS264	Side Feed Left B connector IP67	L= 5m
CONS055	CONS505	CONS265	Side Feed Left B connector IP67	L= 10m
CONS060	CONS510	CONS271	Side Feed Right B connector IP67	L= 1m
CONS061	CONS511	CONS272	Side Feed Right B connector IP67	L= 3m
CONS062	CONS512	CONS273	Side Feed Right B connector IP67	L= 5m
CONS063	CONS513	CONS274	Side Feed Right B connector IP67	L= 10m



Bottom Feed



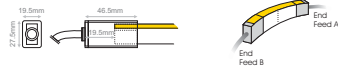
Single Coloured	TW / DW	RGB	Description	Length
CONS040	CONS490	CONS250	Bottom Feed A connector IP67	L= 1m
CONS041	CONS491	CONS251	Bottom Feed A connector IP67	L= 3m
CONS042	CONS492	CONS252	Bottom Feed A connector IP67	L= 5m
CONS043	CONS493	CONS253	Bottom Feed A connector IP67	L= 10m
CONS044	CONS494	CONS254	Bottom Feed B connector IP67	L= 1m
CONS045	CONS495	CONS255	Bottom Feed B connector IP67	L= 3m
CONS046	CONS496	CONS256	Bottom Feed B connector IP67	L= 5m
CONS047	CONS497	CONS257	Bottom Feed B connector IP67	L= 10m



End Feed



Single Coloured	TW / DW	RGB	Description	Length
CONS032	CONS482	CONS241	End Feed A connector IP67	L= 1m
CONS033	CONS483	CONS243	End Feed A connector IP67	L= 3m
CONS034	CONS484	CONS244	End Feed A connector IP67	L= 5m
CONS035	CONS485	CONS245	End Feed A connector IP67	L= 10m
CONS036	CONS486	CONS246	End Feed B connector IP67	L= 1m
CONS037	CONS487	CONS247	End Feed B connector IP67	L= 3m
CONS038	CONS488	CONS248	End Feed B connector IP67	L= 5m
CONS039	CONS489	CONS249	End Feed B connector IP67	L= 10m



End Cap



Single Coloured, TW, DW, RGB	Description	Length
CAPS402	End Cap A IP67	L= 1m
CAPS410	End Cap B IP67	L= 1m



PROFILES

Surface



Code	Description
PRF418	Aluminium Profile with elastic tape 15.9x24.8 Length: 2m



Code	Description
PRF069	Aluminium Profile 13.8x22 Length: 2m



Code	Description
PRF022	Aluminium Profile U TYPE 16x30 Length: 2m



Code	Description
PRF074	Aluminium Profile Lock 16.8x23.7 Length: 2m



Code	Description
PRF403	Aluminium Profile Lock 16.2x25.6 Length: 2m

Plastic Surface



Code	Description
PRF420	Plastic Profile Transaparent 16x26.4 Length: 2m



Code	Description
PRF401	Plastic Profile 14x24 Length: 2m





Recessed

	Code	Description
 	<b>PRF.419</b>	Aluminium Profile with elastic tape 25.5x24.8 Length: 2m
 	<b>PRF.024</b>	Aluminium Profile OMEGA 30x30 Length: 2m
 	<b>PRF.404</b>	Aluminium Profile 20.3x24.6 Length: 2m

Bendable

	Code	Description
 <p>Minimum bending diameter</p>	<b>PRF.412</b>	Bendable Aluminium Profile with elastic tape 15.9x24.8 Length: 1m
 	<b>PRF.402</b>	Bendable Stainless Steel profile 13.2x24.5 Length: 1m

Holder

	Code	Description
 	<b>PRH.106</b>	Stainless Steel 316 Holder 14x23.2 Length: 0.035m
 	<b>PRH.031</b>	Bendable Stainless Steel Holder 13.2x24.5 Length: 0.093m

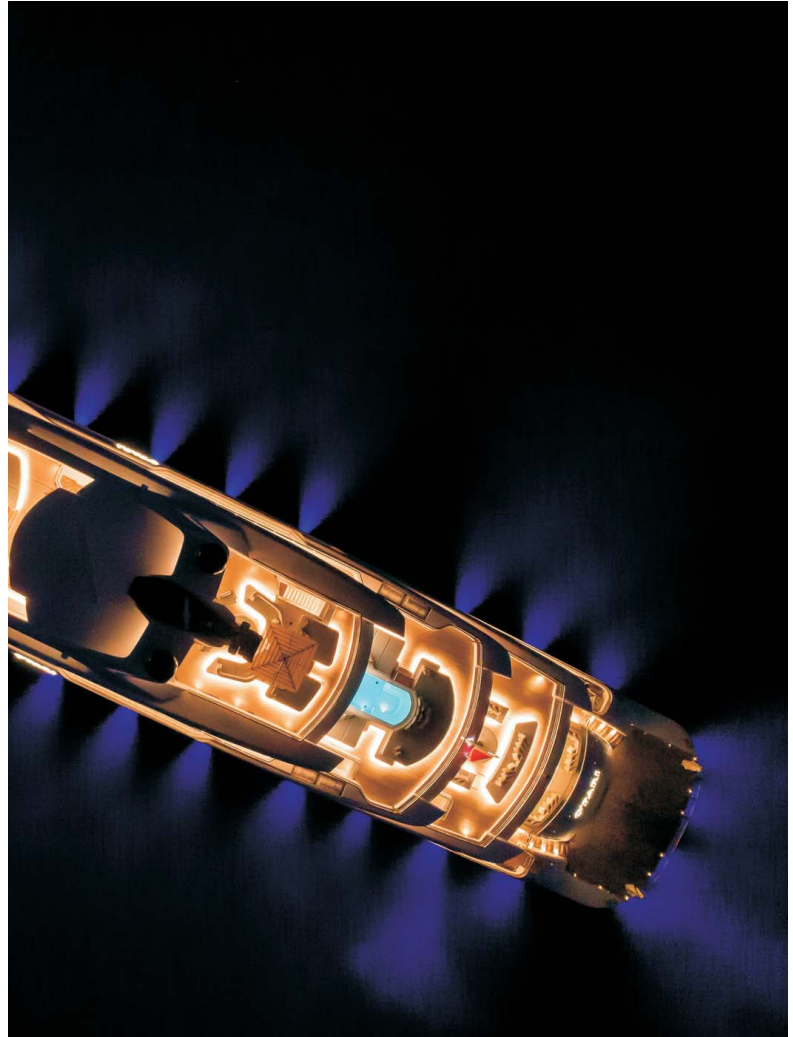
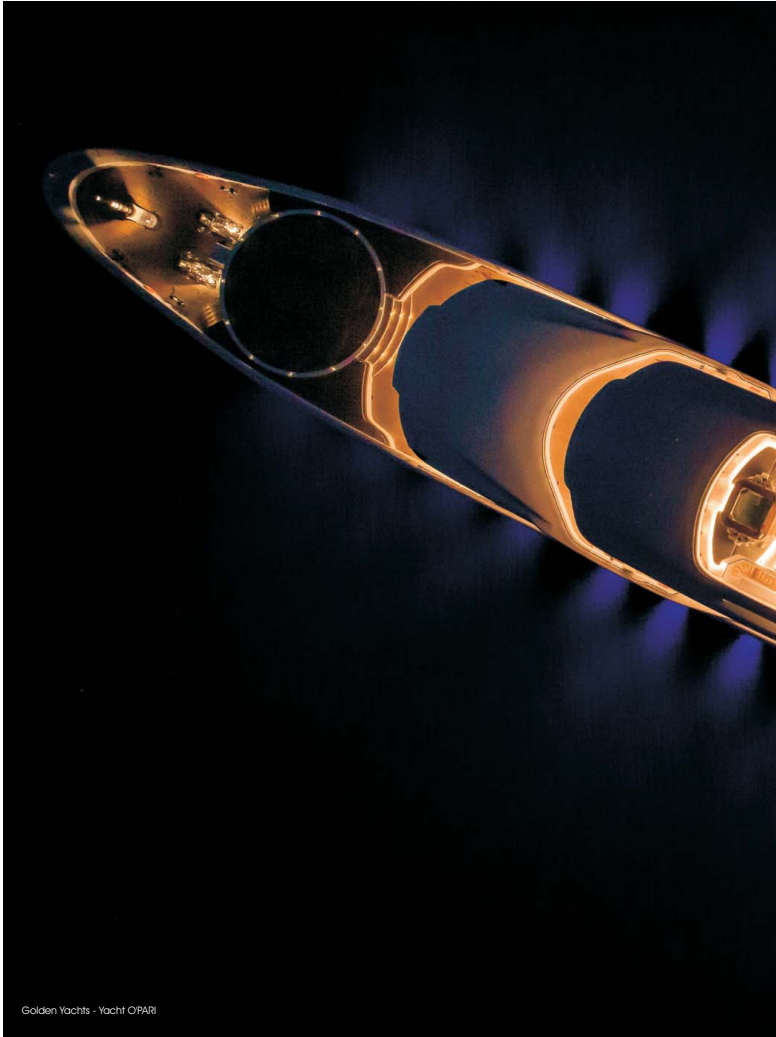
Surface / Pendant

	Code	Description
 	<b>PRF.422</b>	Surface/ Pendant Aluminium Profile 29x62 Length: 2m
 	<b>CAP.424</b> <b>CAP.425</b>	Front cap for PRF.422 End cap for PRF.422
 	<b>PRF.424</b>	Inner aluminium profile for PRF.422
 	<b>ACC.191</b> <b>ACC.233</b>	Ceiling Suspension 150cm Ceiling Suspension 300cm

Extras

	Code	Description
 	<b>PRH.122</b>	Stainless Steel Bracket 45x40 for surface Aluminium profiles for Milky LED FLAT
 	<b>PRH.123</b>	Stainless Steel Bracket 26x21 for surface Aluminium profiles for Milky LED FLAT
 	<b>PRH.124</b>	Aluminium L Holder 70x25 for surface Aluminium profiles for Milky LED FLAT
	<b>ACC.125</b>	Scissor

Male and Female connectors available upon request. All connectors are supplied with waterproof junction protection barrel.



Golden Yachts - Yacht OPARI

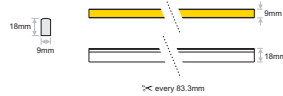
# SLIM H MILKY LED



- Slim Milky LED with Horizontal bending.
- Available Injection moulded IP67, Double Injection Moulded IP68, Snap DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 72 LED/m, 4.5W/m.

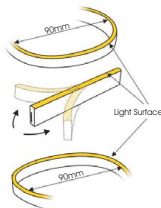
Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- > Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
- > Cutting units: Every 83.3mm (check cutting marks on product)



All connectors are supplied with waterproof junction protection barrel

**FRAGILE**  
Only Bend Horizontally  
Do not bend smaller than allowed minimum bend diameter.



Slim Horizontal Bend	24VDC	IP67 Injection Moulded	IP68 Injection Moulded	IP67 Snap Connection
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Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminous FLUX (lm/m)	Voltage	Beam Angle	✂️ (mm)
<b>TV.454</b>	72	4.5W	20	2200K	110	24VDC	120°	83.3
<b>TV.453</b>	72	4.5W	20	2700K	114	24VDC	120°	83.3
<b>TV.448</b>	72	4.5W	20	3000K	116	24VDC	120°	83.3
<b>TV.455</b>	72	4.5W	20	4000K	120	24VDC	120°	83.3
<b>TV.456</b>	72	4.5W	20	5700K	125	24VDC	120°	83.3

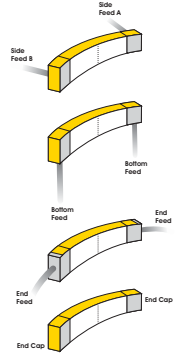
\* Available in RED, AMBER, BLUE and GREEN upon request.  
\*\* Please confirm with the ✂️ sign on the rear side of the modules



# SLIM H MILKY LED

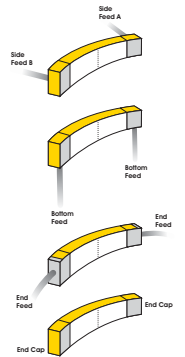
## Injection Moulded connection IP67

	Code	Description	Length
Side Feed	<b>CON.064</b>	Side Feed A connector IP67	L= 1m
	<b>CON.066</b>	Side Feed A connector IP67	L= 3m
	<b>CON.068</b>	Side Feed A connector IP67	L= 5m
	<b>CON.070</b>	Side Feed A connector IP67	L= 10m
	<b>CON.065</b>	Side Feed B connector IP67	L= 1m
Bottom Feed	<b>CON.067</b>	Side Feed B connector IP67	L= 3m
	<b>CON.069</b>	Side Feed B connector IP67	L= 5m
	<b>CON.071</b>	Side Feed B connector IP67	L= 10m
	<b>CON.072</b>	Bottom Feed connector IP67	L= 1m
	<b>CON.073</b>	Bottom Feed connector IP67	L= 3m
End Feed	<b>CON.074</b>	Bottom Feed connector IP67	L= 5m
	<b>CON.075</b>	Bottom Feed connector IP67	L= 10m
	<b>CON.076</b>	End Feed connector IP67	L= 1m
End Cap	<b>CON.077</b>	End Feed connector IP67	L= 3m
	<b>CON.078</b>	End Feed connector IP67	L= 5m
	<b>CON.079</b>	End Feed connector IP67	L= 10m
	<b>CAP.403</b>	End Cap IP67	



## Injection Moulded connection IP68

	Code	Description	Length
Side Feed	<b>CON.080</b>	Side Feed A connector IP68	L= 1m
	<b>CON.082</b>	Side Feed A connector IP68	L= 3m
	<b>CON.084</b>	Side Feed A connector IP68	L= 5m
	<b>CON.087</b>	Side Feed A connector IP68	L= 10m
	<b>CON.081</b>	Side Feed B connector IP68	L= 1m
Bottom Feed	<b>CON.083</b>	Side Feed B connector IP68	L= 3m
	<b>CON.086</b>	Side Feed B connector IP68	L= 5m
	<b>CON.088</b>	Side Feed B connector IP68	L= 10m
	<b>CON.089</b>	Bottom Feed connector IP68	L= 1m
	<b>CON.090</b>	Bottom Feed connector IP68	L= 3m
End Feed	<b>CON.091</b>	Bottom Feed connector IP68	L= 5m
	<b>CON.092</b>	Bottom Feed connector IP68	L= 10m
	<b>CON.093</b>	End Feed connector IP68	L= 1m
End Cap	<b>CON.094</b>	End Feed connector IP68	L= 3m
	<b>CON.085</b>	End Feed connector IP68	L= 5m
	<b>CON.095</b>	End Feed connector IP68	L= 10m
	<b>CAP.404</b>	End Cap IP68	

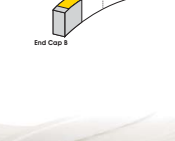
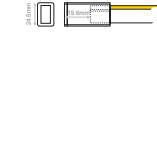
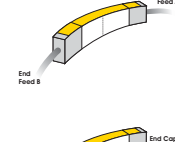
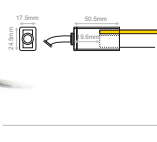
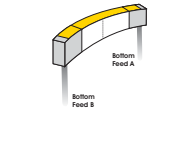
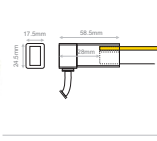
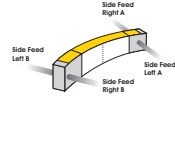
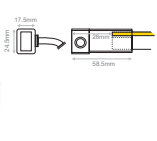






Snap connection IP67

Code	Description	Length
<b>CON.112</b>	Side Feed Left A connector IP67	L = 1m
<b>CON.113</b>	Side Feed Left A connector IP67	L = 3m
<b>CON.114</b>	Side Feed Left A connector IP67	L = 5m
<b>CON.115</b>	Side Feed Left A connector IP67	L = 10m
<b>CON.120</b>	Side Feed Right A connector IP67	L = 1m
<b>CON.121</b>	Side Feed Right A connector IP67	L = 3m
<b>CON.122</b>	Side Feed Right A connector IP67	L = 5m
<b>CON.123</b>	Side Feed Right A connector IP67	L = 10m
<b>CON.116</b>	Side Feed Left B connector IP67	L = 1m
<b>CON.117</b>	Side Feed Left B connector IP67	L = 3m
<b>CON.118</b>	Side Feed Left B connector IP67	L = 5m
<b>CON.119</b>	Side Feed Left B connector IP67	L = 10m
<b>CON.124</b>	Side Feed Right B connector IP67	L = 1m
<b>CON.125</b>	Side Feed Right B connector IP67	L = 3m
<b>CON.126</b>	Side Feed Right B connector IP67	L = 5m
<b>CON.127</b>	Side Feed Right B connector IP67	L = 10m



<b>CON.104</b>	Bottom Feed A connector IP67	L = 1m
<b>CON.105</b>	Bottom Feed A connector IP67	L = 3m
<b>CON.106</b>	Bottom Feed A connector IP67	L = 5m
<b>CON.107</b>	Bottom Feed A connector IP67	L = 10m
<b>CON.108</b>	Bottom Feed B connector IP67	L = 1m
<b>CON.109</b>	Bottom Feed B connector IP67	L = 3m
<b>CON.110</b>	Bottom Feed B connector IP67	L = 5m
<b>CON.111</b>	Bottom Feed B connector IP67	L = 10m

<b>CON.096</b>	End Feed A connector IP67	L = 1m
<b>CON.097</b>	End Feed A connector IP67	L = 3m
<b>CON.098</b>	End Feed A connector IP67	L = 5m
<b>CON.099</b>	End Feed A connector IP67	L = 10m
<b>CON.100</b>	End Feed B connector IP67	L = 1m
<b>CON.101</b>	End Feed B connector IP67	L = 3m
<b>CON.102</b>	End Feed B connector IP67	L = 5m
<b>CON.103</b>	End Feed B connector IP67	L = 10m

<b>CAP.405</b>	End Cap A IP67
<b>CAP.409</b>	End Cap B IP67

All connectors are supplied with waterproof junction protection barrel

Male and Female connector

**ACC.125**  
Scissors for cutting Milky Top V



Profiles & Accessories for SLIM H Milky LED

Code	Description
<b>PRF.050</b>	Aluminium Profile for Milky Slim H 11.7x21.5mm Length: 2m
<b>PRF.073</b>	Aluminium Profile Lock for Milky Slim H 12.8x22.3mm Length: 2m
<b>PRF.406</b>	Recessed Aluminium Profile for Milky Slim H 18x21mm Length: 2m
<b>PRF.400</b>	Plastic Profile for Milky Slim H 11x21mm Length: 2m



Shipping Company Headquarters, Athens, Greece



## TOP V MILKY LED

- TOP V Milky LED is fully encapsulated Vertical bending flexible linear LED.
- Available with NICHIA smd LEDs or in standard version.
- Available in PVC or Silicone.
- Bin/Step: Monochromatic White LEDs PVC: 4 SDCM
- Bin/Step: Monochromatic White LEDs Silicone: 3 SDCM
- Monochromatic White LEDs available in CR80 and/or CR90.
- Available IP protection rate: Injection Moulded IP67, Double Injection Moulded IP68, or Snap IP67.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- Standard IP68 connectors : depth up to 2m.
- Special IP68 connectors: depth up to 5m only available upon request.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

### PVC:

- Monochromatic & Tunable White: 10m single supply/ 20m double supply
- Monochromatic: 15W: 8m single supply/ 16m double supply
- RGB standard: 7m single supply/ 14m double supply
- RGBW & RGB Nichia: 5m single supply/ 10m double supply

### Silicone:

- Monochromatic, Dim to Warm & Tunable White: 15m single supply/ 30m double supply
- RGB, Monochromatic: 15W: 10m single supply/ 20m double supply
- RGBW & RGB Nichia: 8m single supply/ 16m double supply

Lighting management options:

On-Off/DALI0..10V/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



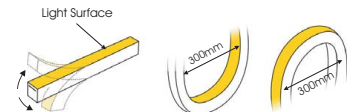
PVC



SILICONE



All connectors are supplied with waterproof junction protection barrel



TOP V MILKY LED



TOP V MILKY LED

PVC



Code	No.LED(m)	Watt(m)	Beam(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (°/mm)
<b>TV464</b>	108	12W	20	2500K	80	360	24VDC	120°	55.6
<b>TV457</b>	108	12W	20	2700K	80	360	24VDC	120°	55.6
<b>TV052</b>	108	12W	20	3000K	80	360	24VDC	120°	55.6
<b>TV465</b>	108	12W	20	3500K	80	400	24VDC	120°	55.6
<b>TV458</b>	108	12W	20	4000K	80	400	24VDC	120°	55.6
<b>TV466</b>	108	12W	20	4500K	80	400	24VDC	120°	55.6
<b>TV459</b>	108	12W	20	5000K	80	400	24VDC	120°	55.6
<b>Tunable White</b>									
<b>TV732</b>	144	12W	20	Tunable White 2500K-5000K	80	180-180	24VDC	120°	83.3
<b>RGB</b>									
<b>TV472</b>	72	12W	20	RGB	80	R:80, G:190, B:30, cdi:300	24VDC	120°	83.3

\* Available in RED, AMBER, BLUE and GREEN upon request.  
 \*\* Please confirm with the ≡ sign on the rear side of the modules

Standard

Code	No.LED(m)	Watt(m)	Beam(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (°/mm)
<b>TV705</b>	108	12W	20	2200K	80	420	24VDC	120°	55.6
<b>TV706</b>	108	12W	20	2700K	80	420	24VDC	120°	55.6
<b>TV707</b>	108	12W	20	3000K	80	420	24VDC	120°	55.6
<b>TV708</b>	108	12W	20	3500K	80	480	24VDC	120°	55.6
<b>TV709</b>	108	12W	20	4000K	80	480	24VDC	120°	55.6
<b>TV710</b>	108	12W	20	5700K	80	450	24VDC	120°	55.6
<b>TV711</b>	108	12W	20	2700K	90	350	24VDC	120°	55.6
<b>TV712</b>	108	12W	20	3000K	90	350	24VDC	120°	55.6
<b>TV713</b>	108	12W	20	3500K	90	400	24VDC	120°	55.6
<b>TV714</b>	108	12W	20	4000K	90	400	24VDC	120°	55.6
<b>TV715</b>	108	8W	20	RED	80	170	24VDC	120°	83.3
<b>TV716</b>	108	12W	20	GREEN	80	450	24VDC	120°	55.6
<b>TV717</b>	108	12W	20	BLUE	80	85	24VDC	120°	55.6
<b>TV718</b>	108	8W	20	AMBER	80	170	24VDC	120°	83.3

Single Coloured High Brightness

<b>TV719</b>	108	12W	20	2200K	80	550 High Brightness	24VDC	120°	55.6
<b>TV720</b>	108	12W	20	2700K	80	650 High Brightness	24VDC	120°	55.6
<b>TV481</b>	108	12W	20	3000K	80	650 High Brightness	24VDC	120°	55.6
<b>TV721</b>	108	12W	20	3500K	80	750 High Brightness	24VDC	120°	55.6
<b>TV482</b>	108	12W	20	4000K	80	750 High Brightness	24VDC	120°	55.6
<b>TV722</b>	108	12W	20	5700K	80	700 High Brightness	24VDC	120°	55.6
<b>TV723</b>	108	15W	20	2200K	80	700 High Brightness	24VDC	120°	55.6
<b>TV724</b>	108	15W	20	2700K	80	800 High Brightness	24VDC	120°	55.6
<b>TV725</b>	108	15W	20	3000K	80	800 High Brightness	24VDC	120°	55.6
<b>TV726</b>	108	15W	20	3500K	80	900 High Brightness	24VDC	120°	55.6
<b>TV727</b>	108	15W	20	4000K	80	900 High Brightness	24VDC	120°	55.6
<b>TV728</b>	108	15W	20	5700K	80	850 High Brightness	24VDC	120°	55.6

Tunable White

<b>TV729</b>	144	12W	20	Tunable White 2200K - 5700K	80	180-180	24VDC	120°	83.3
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RGB-RGBW

<b>TV473</b>	84	12W	20	RGB	80	R:80, G:190, B:30, cdi:300	24VDC	120°	83.3
<b>TV730</b>	84	15W	10	RGBW 2700K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
<b>TV699</b>	84	15W	10	RGBW 3000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3
<b>TV731</b>	84	15W	10	RGBW 4000K	80	R:80, G:190, B:30, W:190	24VDC	120°	83.3

\* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.  
 \*\* Please confirm with the ≡ sign on the rear side of the modules

SILICONE



Code	No.LED(m)	Watt(m)	Beam(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (°/mm)
<b>TVS464</b>	108	12W	20	2500K	80	420	24VDC	120°	55.6
<b>TVS457</b>	108	12W	20	2800K	80	450	24VDC	120°	55.6
<b>TVS052</b>	108	12W	20	3200K	80	450	24VDC	120°	55.6
<b>TVS465</b>	108	12W	20	3700K	80	450	24VDC	120°	55.6
<b>TVS458</b>	108	12W	20	4200K	80	450	24VDC	120°	55.6
<b>TVS466</b>	108	12W	20	4500K	80	450	24VDC	120°	55.6
<b>TVS459</b>	108	12W	20	5000K	80	450	24VDC	120°	55.6
<b>TVS733</b>	108	12W	20	5700K	80	450	24VDC	120°	55.6
<b>Tunable White</b>									
<b>TVS732</b>	144	12W	20	Tunable White 2500K-5000K	80	220-270	24VDC	120°	83.3
<b>RGB</b>									
<b>TVS472</b>	72	12W	20	RGB	80	R:90, G:240, B:40, cdi:370	24VDC	120°	83.3

\* Available in RED, AMBER, BLUE and GREEN upon request.  
 \*\* Please confirm with the ≡ sign on the rear side of the modules

Standard

Code	No.LED(m)	Watt(m)	Beam(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	** (°/mm)
<b>TVS705</b>	108	12W	20	2200K	80	450	24VDC	120°	55.6
<b>TVS706</b>	108	12W	20	2700K	80	565	24VDC	120°	55.6
<b>TVS707</b>	108	12W	20	3000K	80	565	24VDC	120°	55.6
<b>TVS708</b>	108	12W	20	3500K	80	580	24VDC	120°	55.6
<b>TVS709</b>	108	12W	20	4000K	80	580	24VDC	120°	55.6
<b>TVS710</b>	108	12W	20	5700K	80	580	24VDC	120°	55.6
<b>TVS711</b>	108	12W	20	2700K	90	480	24VDC	120°	55.6
<b>TVS712</b>	108	12W	20	3000K	90	480	24VDC	120°	55.6
<b>TVS713</b>	108	12W	20	3500K	90	500	24VDC	120°	55.6
<b>TVS714</b>	108	12W	20	4000K	90	500	24VDC	120°	55.6
<b>TVS715</b>	108	8W	20	RED	80	185	24VDC	120°	83.3
<b>TVS716</b>	108	12W	20	GREEN	80	550	24VDC	120°	55.6
<b>TVS717</b>	108	12W	20	BLUE	80	120	24VDC	120°	55.6
<b>TVS718</b>	108	8W	20	AMBER	80	185	24VDC	120°	83.3

Single Coloured High Brightness

<b>TVS723</b>	108	15W	20	2200K	80	600 High Brightness	24VDC	120°	55.6
<b>TVS724</b>	108	15W	20	2700K	80	700 High Brightness	24VDC	120°	55.6
<b>TVS725</b>	108	15W	20	3000K	80	700 High Brightness	24VDC	120°	55.6
<b>TVS726</b>	108	15W	20	3500K	80	800 High Brightness	24VDC	120°	55.6
<b>TVS727</b>	108	15W	20	4000K	80	800 High Brightness	24VDC	120°	55.6
<b>TVS728</b>	108	15W	20	5700K	80	800 High Brightness	24VDC	120°	55.6

Tunable White

<b>TVS729</b>	144	12W	20	Tunable White 2200K - 5700K	80	220-270	24VDC	120°	83.3
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Warm Dimming

<b>TVS796</b>	192	12W	20	Warm Dimming 1800K - 3000K	80	3.5-600	24VDC	120°	62.5
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RGB-RGBW

<b>TVS473</b>	84	12W	20	RGB	80	R:90, G:240, B:40, cdi:370	24VDC	120°	83.3
<b>TVS730</b>	84	15W	10	RGBW 2700K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
<b>TVS699</b>	84	15W	10	RGBW 3000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3
<b>TVS731</b>	84	15W	10	RGBW 4000K	80	R:90, G:240, B:40, W:240	24VDC	120°	83.3

\* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.  
 \*\* Please confirm with the ≡ sign on the rear side of the modules

Injection Moulded connection IP67

PVC

Side Feed



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.128	CON.642	CON.275	CON.610	Side Feed Left A connector IP67	L= 1m
CON.132	CON.646	CON.279	CON.612	Side Feed Left A connector IP67	L= 3m
CON.136	CON.650	CON.283	CON.614	Side Feed Left A connector IP67	L= 5m
CON.140	CON.654	CON.287	CON.616	Side Feed Left A connector IP67	L= 10m
CON.129	CON.643	CON.276	CON.714	Side Feed Right A connector IP67	L= 1m
CON.133	CON.647	CON.280	CON.716	Side Feed Right A connector IP67	L= 3m
CON.137	CON.651	CON.284	CON.718	Side Feed Right A connector IP67	L= 5m
CON.141	CON.655	CON.288	CON.720	Side Feed Right A connector IP67	L= 10m
CON.130	CON.644	CON.277	CON.611	Side Feed Left B connector IP67	L= 1m
CON.134	CON.648	CON.281	CON.613	Side Feed Left B connector IP67	L= 3m
CON.138	CON.652	CON.285	CON.615	Side Feed Left B connector IP67	L= 5m
CON.142	CON.656	CON.289	CON.617	Side Feed Left B connector IP67	L= 10m
CON.131	CON.645	CON.278	CON.715	Side Feed Right B connector IP67	L= 1m
CON.135	CON.649	CON.282	CON.717	Side Feed Right B connector IP67	L= 3m
CON.139	CON.653	CON.286	CON.719	Side Feed Right B connector IP67	L= 5m
CON.143	CON.657	CON.290	CON.721	Side Feed Right B connector IP67	L= 10m



Bottom Feed



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.144	CON.658	CON.291	CON.618	Bottom Feed connector IP67	L= 1m
CON.145	CON.659	CON.292	CON.619	Bottom Feed connector IP67	L= 3m
CON.146	CON.660	CON.293	CON.620	Bottom Feed connector IP67	L= 5m
CON.147	CON.661	CON.294	CON.621	Bottom Feed connector IP67	L= 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.148	CON.662	CON.295	CON.622	End Feed connector IP67	L= 1m
CON.149	CON.663	CON.296	CON.623	End Feed connector IP67	L= 3m
CON.150	CON.664	CON.297	CON.624	End Feed connector IP67	L= 5m
CON.151	CON.665	CON.298	CON.625	End Feed connector IP67	L= 10m



End Cap



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CAP.406	CAP.406	CAP.413	CAP.406	End Cap IP67	



PVC

Side Feed



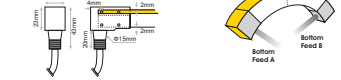
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.152	CON.666	CON.299	CON.626	Side Feed Left A connector IP68	L= 1m
CON.157	CON.668	CON.303	CON.628	Side Feed Left A connector IP68	L= 3m
CON.162	CON.670	CON.307	CON.630	Side Feed Left A connector IP68	L= 5m
CON.166	CON.672	CON.311	CON.632	Side Feed Left A connector IP68	L= 10m
CON.154	CON.730	CON.300	CON.722	Side Feed Right A connector IP68	L= 1m
CON.158	CON.732	CON.304	CON.724	Side Feed Right A connector IP68	L= 3m
CON.163	CON.734	CON.308	CON.726	Side Feed Right A connector IP68	L= 5m
CON.167	CON.736	CON.312	CON.728	Side Feed Right A connector IP68	L= 10m
CON.155	CON.667	CON.301	CON.627	Side Feed Left B connector IP68	L= 1m
CON.160	CON.669	CON.305	CON.629	Side Feed Left B connector IP68	L= 3m
CON.164	CON.671	CON.309	CON.631	Side Feed Left B connector IP68	L= 5m
CON.168	CON.673	CON.313	CON.633	Side Feed Left B connector IP68	L= 10m
CON.156	CON.731	CON.302	CON.723	Side Feed Right B connector IP68	L= 1m
CON.161	CON.733	CON.306	CON.725	Side Feed Right B connector IP68	L= 3m
CON.165	CON.735	CON.310	CON.727	Side Feed Right B connector IP68	L= 5m
CON.169	CON.737	CON.314	CON.729	Side Feed Right B connector IP68	L= 10m



Bottom Feed



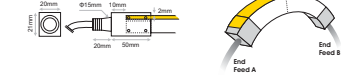
Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.170	CON.674	CON.315	CON.634	Bottom Feed connector IP68	L= 1m
CON.153	CON.675	CON.316	CON.635	Bottom Feed connector IP68	L= 3m
CON.171	CON.676	CON.317	CON.636	Bottom Feed connector IP68	L= 5m
CON.172	CON.677	CON.318	CON.637	Bottom Feed connector IP68	L= 10m



End Feed



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CON.173	CON.678	CON.319	CON.638	End Feed connector IP68	L= 1m
CON.174	CON.679	CON.320	CON.639	End Feed connector IP68	L= 3m
CON.175	CON.680	CON.321	CON.640	End Feed connector IP68	L= 5m
CON.159	CON.681	CON.322	CON.641	End Feed connector IP68	L= 10m



End Cap



Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
CAP.407	CAP.407	CAP.414	CAP.407	End Cap IP68	





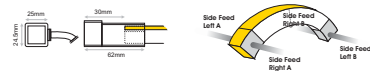
Snap connection IP67

PVC

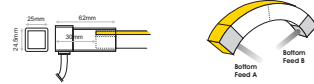
SILICONE

Injection Moulded connection IP68

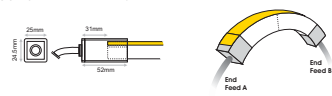
Side Feed	Single Coloured	Description	Length
	CON.192	Side Feed Left A connector IP67	L = 1m
	CON.193	Side Feed Left A connector IP67	L = 3m
	CON.194	Side Feed Left A connector IP67	L = 5m
	CON.195	Side Feed Left A connector IP67	L = 10m
	CON.200	Side Feed Right A connector IP67	L = 1m
	CON.201	Side Feed Right A connector IP67	L = 3m
	CON.202	Side Feed Right A connector IP67	L = 5m
	CON.203	Side Feed Right A connector IP67	L = 10m
	CON.196	Side Feed Left B connector IP67	L = 1m
	CON.197	Side Feed Left B connector IP67	L = 3m
	CON.198	Side Feed Left B connector IP67	L = 5m
	CON.199	Side Feed Left B connector IP67	L = 10m
	CON.204	Side Feed Right B connector IP67	L = 1m
	CON.205	Side Feed Right B connector IP67	L = 3m
	CON.206	Side Feed Right B connector IP67	L = 5m
	CON.207	Side Feed Right B connector IP67	L = 10m



Bottom Feed	Single Coloured	Description	Length
	CON.184	Bottom Feed A connector IP67	L = 1m
	CON.185	Bottom Feed A connector IP67	L = 3m
	CON.186	Bottom Feed A connector IP67	L = 5m
	CON.187	Bottom Feed A connector IP67	L = 10m
	CON.188	Bottom Feed B connector IP67	L = 1m
	CON.189	Bottom Feed B connector IP67	L = 3m
	CON.190	Bottom Feed B connector IP67	L = 5m
	CON.191	Bottom Feed B connector IP67	L = 10m



End Feed	Single Coloured	Description	Length
	CON.176	End Feed A connector IP67	L = 1m
	CON.177	End Feed A connector IP67	L = 3m
	CON.178	End Feed A connector IP67	L = 5m
	CON.179	End Feed A connector IP67	L = 10m
	CON.180	End Feed B connector IP67	L = 1m
	CON.181	End Feed B connector IP67	L = 3m
	CON.182	End Feed B connector IP67	L = 5m
	CON.183	End Feed B connector IP67	L = 10m



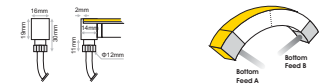
End Cap	Single Coloured, TW / DW	Description
	CAP408	End Cap IP67



Side Feed	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
	CON.S152	CON.S666	CON.S299	CON.S626	Side Feed Left A connector IP68	L = 1m
	CON.S157	CON.S668	CON.S303	CON.S628	Side Feed Left A connector IP68	L = 3m
	CON.S162	CON.S670	CON.S307	CON.S630	Side Feed Left A connector IP68	L = 5m
	CON.S166	CON.S672	CON.S311	CON.S632	Side Feed Left A connector IP68	L = 10m
	CON.S154	CON.S730	CON.S300	CON.S722	Side Feed Right A connector IP68	L = 1m
	CON.S158	CON.S732	CON.S304	CON.S724	Side Feed Right A connector IP68	L = 3m
	CON.S163	CON.S734	CON.S308	CON.S726	Side Feed Right A connector IP68	L = 5m
	CON.S167	CON.S736	CON.S312	CON.S728	Side Feed Right A connector IP68	L = 10m
	CON.S155	CON.S667	CON.S301	CON.S627	Side Feed Left B connector IP68	L = 1m
	CON.S160	CON.S669	CON.S305	CON.S629	Side Feed Left B connector IP68	L = 3m
	CON.S164	CON.S671	CON.S309	CON.S631	Side Feed Left B connector IP68	L = 5m
	CON.S168	CON.S673	CON.S313	CON.S633	Side Feed Left B connector IP68	L = 10m
	CON.S156	CON.S731	CON.S302	CON.S723	Side Feed Right B connector IP68	L = 1m
	CON.S161	CON.S733	CON.S306	CON.S725	Side Feed Right B connector IP68	L = 3m
	CON.S165	CON.S735	CON.S310	CON.S727	Side Feed Right B connector IP68	L = 5m
	CON.S169	CON.S737	CON.S314	CON.S729	Side Feed Right B connector IP68	L = 10m



Bottom Feed	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
	CON.S170	CON.S674	CON.S315	CON.S634	Bottom Feed connector IP68	L = 1m
	CON.S153	CON.S675	CON.S316	CON.S635	Bottom Feed connector IP68	L = 3m
	CON.S171	CON.S676	CON.S317	CON.S636	Bottom Feed connector IP68	L = 5m
	CON.S172	CON.S677	CON.S318	CON.S637	Bottom Feed connector IP68	L = 10m



End Feed	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description	Length
	CON.S173	CON.S678	CON.S319	CON.S638	End Feed connector IP68	L = 1m
	CON.S174	CON.S679	CON.S320	CON.S639	End Feed connector IP68	L = 3m
	CON.S175	CON.S680	CON.S321	CON.S640	End Feed connector IP68	L = 5m
	CON.S159	CON.S681	CON.S322	CON.S641	End Feed connector IP68	L = 10m



End Cap	Single Coloured	TW / DW	RGB	RGBW / RGBA	Description
	CAPS407	CAPS407	CAPS414	CAPS407	End Cap IP68







Golden Yachts - Yacht OPARI



### Surface

	Code	Description
 	<b>PRF115</b>	Aluminium Profile for TOP Milky LED 1.9x1.8mm Length: 2m
 	<b>PRF405</b>	Plastic Profile for TOP Milky LED 1.9x2.1mm Length: 2m
 	<b>PRF410</b>	Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m
 	<b>PRF413</b>	Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 0.020m (20mm)

### Aluminium & Plastic Surface

	Code	Description
 	<b>PRF425</b>	Aluminium & Plastic Profile for TOP Milky LED 20.8x23mm Length: 2m



Plastic Surface



Code	Description
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<b>PRF.414</b>	Plastic Profile for TOP Milky LED 20x23.5mm Length: 2m
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Recessed



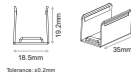
Code	Description
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<b>PRF.426</b>	Recessed Aluminium Profile for TOP Milky LED 28x21mm Length: 2m
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<b>PRF.411</b>	Recessed Aluminium Profile with elastic tape for TOP Milky LED 20.2x20.8mm Length: 2m
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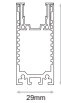
Holder



Code	Description
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<b>PRH.105</b>	Stainless Steel Profile for TOP Milky LED 18.5x19.2mm Length: 0.035m
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Surface / Pendant



Code	Description
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<b>PRF.427</b>	Surface/ Pendant Aluminium Profile for TOP Milky LED 29x62mm Length: 2m
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<b>CAP.426</b> <b>CAP.427</b>	Front cap for PRF.427 End cap for PRF.427
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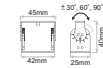


<b>PRF.424</b>	Inner aluminium profile for PRF.427
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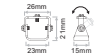


<b>ACC.191</b> <b>ACC.233</b>	Ceiling Suspension 150cm Ceiling Suspension 300cm
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Extras



<b>PRH.122</b>	Stainless Steel Bracket 45x40 for surface Aluminium profiles
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<b>PRH.123</b>	Stainless Steel Bracket 26x21 for surface Aluminium profiles
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<b>PRH.124</b>	Aluminium L Holder 70x25 for surface Aluminium profiles
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<b>ACC.125</b>	Scissor
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Male and Female connectors available upon request.



All connectors are supplied with waterproof junction protection barrel.

# MINI TOP MILKY LED



# MINI TOP MILKY LED

- MINI TOP Milky LED is fully encapsulated Horizontal or Vertical bending flexible linear LED.
- Available in PVC or Silicone.
- Monochromatic White LEDs available in CR80 and/or CR90.
- Available IP protection rate: Injection Moulded IP67.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with recessed, surface, or pendant aluminium profiles.

Max connection lengths:

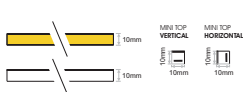
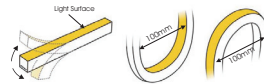
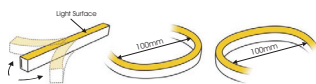
- **PVC:**
  - Monochromatic: 10m single supply/ 20m double supply
- **Silicone:**
  - Monochromatic: 15m single supply/ 30m double supply

Lighting management options:  
On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



- ✓ UV Resistant
- ✓ Solvent Resistant
- ✓ Saltwater Resistant
- ✓ Flame Resistant

- ✓ Monochromatic
- ✓ Tunable White
- ✓ Dim to Warm
- ✓ RGB, RGBW



All connectors are supplied with waterproof junction protection barrel

## PVC



### VERTICAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP65 Injection Moulded
TV757	144	4.5W	20	2200K	80	43	24VDC	120°	83.33
TV758	144	4.5W	20	2700K	80	43	24VDC	120°	83.33
TV686	144	4.5W	20	3000K	80	45	24VDC	120°	83.33
TV760	144	4.5W	20	3500K	80	45	24VDC	120°	83.33
TV687	144	4.5W	20	4000K	80	45	24VDC	120°	83.33
TV762	144	4.5W	20	5700K	80	45	24VDC	120°	83.33
TV763	144	4.5W	20	2700K	90	43	24VDC	120°	83.33
TV764	144	4.5W	20	3000K	90	43	24VDC	120°	83.33
TV765	144	4.5W	20	3500K	90	43	24VDC	120°	83.33
TV793	144	4.5W	20	4000K	90	43	24VDC	120°	83.33
TV766	144	4.5W	20	RED	80	15	24VDC	120°	83.33
TV767	144	4.5W	20	GREEN	80	60	24VDC	120°	83.33
TV768	144	4.5W	20	BLUE	80	10	24VDC	120°	83.33
TV769	144	4.5W	20	AMBER	80	15	24VDC	120°	83.33

\* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.  
\*\* Please confirm with the <= sign on the rear side of the modules

### HORIZONTAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT*	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	IP65 Injection Moulded
TV775	144	4.5W	20	2200K	80	43	24VDC	120°	83.33
TV776	144	4.5W	20	2700K	80	43	24VDC	120°	83.33
TV777	144	4.5W	20	3000K	80	45	24VDC	120°	83.33
TV778	144	4.5W	20	3500K	80	45	24VDC	120°	83.33
TV779	144	4.5W	20	4000K	80	45	24VDC	120°	83.33
TV780	144	4.5W	20	5700K	80	45	24VDC	120°	83.33
TV781	144	4.5W	20	2700K	90	43	24VDC	120°	83.33
TV782	144	4.5W	20	3000K	90	43	24VDC	120°	83.33
TV783	144	4.5W	20	3500K	90	43	24VDC	120°	83.33
TV794	144	4.5W	20	4000K	90	43	24VDC	120°	83.33
TV784	144	4.5W	20	RED	80	15	24VDC	120°	83.33
TV785	144	4.5W	20	GREEN	80	60	24VDC	120°	83.33
TV786	144	4.5W	20	BLUE	80	10	24VDC	120°	83.33
TV787	144	4.5W	20	AMBER	80	15	24VDC	120°	83.33

\* 2700K, 3000K, 3500K, 4000K also available in CRI>90 upon request.  
\*\* Please confirm with the <= sign on the rear side of the modules





SILICONE



VERTICAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CC1*	CR	Luminus FLUX (lm/m)	Voltage	Beam Angle	
TVS757	144	4.5W	20	2200K	80	60	24VDC	120°	83.33
TVS758	144	4.5W	20	2700K	80	62	24VDC	120°	83.33
TVS686	144	4.5W	20	3000K	80	65	24VDC	120°	83.33
TVS750	144	4.5W	20	3500K	80	67	24VDC	120°	83.33
TVS687	144	4.5W	20	4000K	80	67	24VDC	120°	83.33
TVS762	144	4.5W	20	5700K	80	67	24VDC	120°	83.33
TVS763	144	4.5W	20	2700K	90	55	24VDC	120°	83.33
TVS764	144	4.5W	20	3000K	90	55	24VDC	120°	83.33
TVS765	144	4.5W	20	3500K	90	55	24VDC	120°	83.33
TVS793	144	4.5W	20	4000K	90	55	24VDC	120°	83.33
TVS766	144	4.5W	20	RED	80	25	24VDC	120°	83.33
TVS767	144	4.5W	20	GREEN	80	66	24VDC	120°	83.33
TVS768	144	4.5W	20	BLUE	80	15	24VDC	120°	83.33
TVS769	144	4.5W	20	AMBER	80	25	24VDC	120°	83.33

\* 2700K, 3000K, 3500K, 4000K also available in CR1-90 upon request.  
 \*\* Please confirm with the 'K' sign on the rear side of the modules

HORIZONTAL Standard

Code	No.LED/m	Watt/m	Reel(m)	CC1*	CR	Luminus FLUX (lm/m)	Voltage	Beam Angle	
TVS775	144	4.5W	20	2200K	80	58	24VDC	120°	83.33
TVS776	144	4.5W	20	2700K	80	58	24VDC	120°	83.33
TVS777	144	4.5W	20	3000K	80	65	24VDC	120°	83.33
TVS778	144	4.5W	20	3500K	80	65	24VDC	120°	83.33
TVS779	144	4.5W	20	4000K	80	65	24VDC	120°	83.33
TVS780	144	4.5W	20	5700K	80	65	24VDC	120°	83.33
TVS781	144	4.5W	20	2700K	90	52	24VDC	120°	83.33
TVS782	144	4.5W	20	3000K	90	52	24VDC	120°	83.33
TVS783	144	4.5W	20	3500K	90	52	24VDC	120°	83.33
TVS794	144	4.5W	20	4000K	90	52	24VDC	120°	83.33
TVS784	144	4.5W	20	RED	80	15	24VDC	120°	83.33
TVS785	144	4.5W	20	GREEN	80	60	24VDC	120°	83.33
TVS786	144	4.5W	20	BLUE	80	10	24VDC	120°	83.33
TVS787	144	4.5W	20	AMBER	80	15	24VDC	120°	83.33

\* 2700K, 3000K, 3500K, 4000K also available in CR1-90 upon request.  
 \*\* Please confirm with the 'K' sign on the rear side of the modules

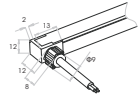
Injection Moulded connection IP65

PVC

Side Feed



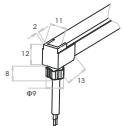
VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.738	-	Side Feed Left A connector IP65	L= 1m
CON.742	-	Side Feed Left A connector IP65	L= 3m
CON.746	-	Side Feed Left A connector IP65	L= 5m
CON.750	-	Side Feed Left A connector IP65	L= 10m
CON.739	CON.762	Side Feed Right A connector IP65	L= 1m
CON.743	CON.764	Side Feed Right A connector IP65	L= 3m
CON.747	CON.766	Side Feed Right A connector IP65	L= 5m
CON.751	CON.768	Side Feed Right A connector IP65	L= 10m
CON.740	CON.763	Side Feed Left B connector IP65	L= 1m
CON.744	CON.765	Side Feed Left B connector IP65	L= 3m
CON.748	CON.767	Side Feed Left B connector IP65	L= 5m
CON.752	CON.769	Side Feed Left B connector IP65	L= 10m
CON.741	-	Side Feed Right B connector IP65	L= 1m
CON.745	-	Side Feed Right B connector IP65	L= 3m
CON.749	-	Side Feed Right B connector IP65	L= 5m
CON.753	-	Side Feed Right B connector IP65	L= 10m



Bottom Feed



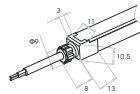
VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.754	CON.770	Bottom Feed connector IP65	L= 1m
CON.755	CON.771	Bottom Feed connector IP65	L= 3m
CON.756	CON.772	Bottom Feed connector IP65	L= 5m
CON.757	CON.773	Bottom Feed connector IP65	L= 10m



End Feed



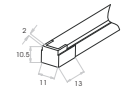
VERTICAL Single Coloured	HORIZONTAL Single Coloured	Description	Length
CON.551	CON.774	End Feed connector IP65	L= 1m
CON.759	CON.775	End Feed connector IP65	L= 3m
CON.760	CON.776	End Feed connector IP65	L= 5m
CON.761	CON.777	End Feed connector IP65	L= 10m



End Cap



Single Coloured	Description
CAP.423	End Cap IP65





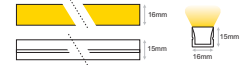


KEBANA Restaurant Athens, Greece  
Lighting Design: ABlight  
Photo: Giovanni Papadimitriou



## BASELINE TWIST MILKY LED

- Baseline TWIST Milky LED is a fully encapsulated, both Vertical & Horizontal bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- L70B10 > 50000hrs
- Available in IP67 protection rate.
- CRI > 90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



- Max connection length:
- Monochromatic: 5 meters single supply

Lighting management options:  
On-OR DALI 0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Chemical Resistant



Connection IM IP67



Horizontal & Vertical bending





PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	
<b>BSL.000</b>	120	10W	5	2700K	>90	610	24VDC	120°	50
<b>BSL.001</b>	120	10W	5	3000K	>90	618	24VDC	120°	50
<b>BSL.002</b>	120	10W	5	3500K	>90	630	24VDC	120°	50
<b>BSL.003</b>	120	10W	5	4000K	>90	650	24VDC	120°	50
<b>BSL.004</b>	120	10W	5	5000K	>80	660	24VDC	120°	50

\* Please confirm with the <math>\llcorner</math> sign on the rear side of the modules

Standard

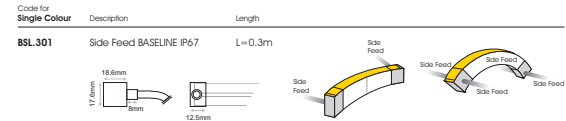
Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	
<b>BSL.005</b>	120	10W	5	2700K	>90	525	24VDC	120°	50
<b>BSL.006</b>	120	10W	5	3000K	>90	533	24VDC	120°	50
<b>BSL.007</b>	120	10W	5	3500K	>90	540	24VDC	120°	50
<b>BSL.008</b>	120	10W	5	4000K	>90	555	24VDC	120°	50
<b>BSL.009</b>	120	10W	5	5000K	>80	565	24VDC	120°	50

\* Please confirm with the <math>\llcorner</math> sign on the rear side of the modules

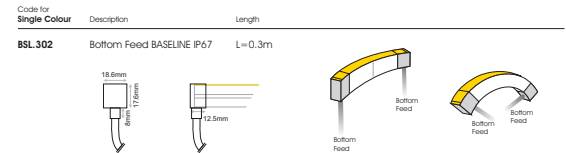


Connection IP67

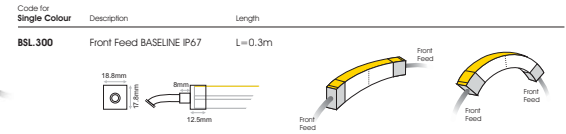
Side Feed



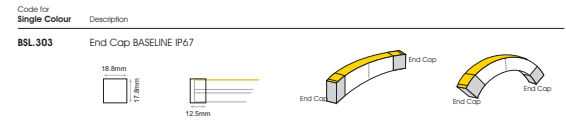
Bottom Feed



Front Feed



End Cap



Accessories

Code	Description	Length	
<b>PRF.421</b>	BASELINE Aluminium Profile	2m	17.3mm x 21mm x 12.3mm
<b>PRF.190</b>	BASELINE Bendable Stainless Steel Profile 17.5x16.5mm	0.5m	16.5mm x 17.5mm
<b>PRH.088</b>	Mounting Clips stainless steel 316 for BASELINE TWIST MILKY LED		18.8mm x 12.5mm

# BASELINE V MILKY LED

- Baseline V Milky LED is a fully encapsulated Vertical bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- Available Single Coloured High Efficiency models.
- Available in RGBW and TW.
- L70B10 > 50000Hrs
- Available in IP67 protection rate.
- CRI > 90 for 2700/3000/3500/4000K
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.

Max length with single supply:

- Monochrome: 17m (connection IM IP67), 10m (connection IP67)
- High Efficiency, TW: 5m
- RGBW: 10m (connection IM IP67), 5m (connection IP67)

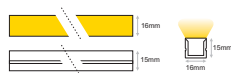
Lighting management options:

On-Off/DALI0...10V/1...10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- ✓ UV Resistant
- ✓ Chemical Resistant



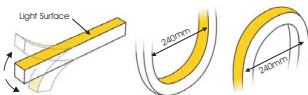
BASELINE V MILKY LED



Connection IM IP67



Vertical bending



## PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP67
<b>BSL.010</b>	120	10W	5	2700K	>90	500	24VDC	120°	50
<b>BSL.011</b>	120	10W	5	3000K	>90	510	24VDC	120°	50
<b>BSL.012</b>	120	10W	5	3500K	>90	515	24VDC	120°	50
<b>BSL.013</b>	120	10W	5	4000K	>90	530	24VDC	120°	50
<b>BSL.014</b>	120	10W	5	5300K	>80	540	24VDC	120°	50

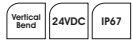
\* Please confirm with the <= sign on the rear side of the modules

## Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP67
<b>BSL.015</b>	120	10W	5	2700K	>90	420	24VDC	120°	50
<b>BSL.016</b>	120	10W	5	3000K	>90	430	24VDC	120°	50
<b>BSL.017</b>	120	10W	5	3500K	>90	435	24VDC	120°	50
<b>BSL.018</b>	120	10W	5	4000K	>90	450	24VDC	120°	50
<b>BSL.019</b>	120	10W	5	5300K	>80	460	24VDC	120°	50

\* Please confirm with the <= sign on the rear side of the modules





High Efficiency

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle *1mm
<b>BSL040</b>	160	10W	5	2700K	>80	1055	24VDC	120°	50
<b>BSL041</b>	160	10W	5	3000K	>80	1060	24VDC	120°	50
<b>BSL042</b>	160	10W	5	4000K	>80	1075	24VDC	120°	50
<b>BSL043</b>	160	10W	5	6000K	>80	1065	24VDC	120°	50

\* Please confirm with the <= sign on the rear side of the modules

RGBW

Code	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle *1mm
<b>BSL044</b>	15W	5	RGBWW (2700K)	515 (R:65;G:190;B:55;W:205)	24VDC	120°	125
<b>BSL045</b>	15W	5	RGBW (4000K)	530 (R:65;G:190;B:55;W:220)	24VDC	120°	125
<b>BSL046</b>	15W	5	RGBCW (5300K)	520 (R:65;G:190;B:55;W:210)	24VDC	120°	125

\* Please confirm with the <= sign on the rear side of the modules

Tunable White

Code	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Beam Angle *1mm
<b>BSL047</b>	15W	5	TW (2700K+5300K)	>80	1025 (2700K:515 / 5300K:510)	24VDC	120°	50

\* Please confirm with the <= sign on the rear side of the modules



Connection IP67

Side Feed



Code for Single Colour	Code for RGBW	Code for TW	Description	Length
<b>BSL301</b>	<b>BSL315</b>	<b>BSL318</b>	Side Feed BASELINE IP67	L=0.3m



Bottom Feed



Code for Single Colour	Code for RGBW	Code for TW	Description	Length
<b>BSL302</b>	<b>BSL316</b>	<b>BSL319</b>	Bottom Feed BASELINE IP67	L=0.3m



Front Feed



Code for Single Colour	Code for RGBW	Code for TW	Description	Length
<b>BSL300</b>	<b>BSL317</b>	<b>BSL320</b>	Front Feed BASELINE IP67	L=0.3m



End Cap



Code	Description
<b>BSL303</b>	End Cap BASELINE IP67



## BASELINE V MILKY LED



### Accessories

#### SURFACE Aluminium Profiles



Code	Description
PRF.421	Aluminium Profile Anodized for BASELINE V, BASELINE TWIST 21x17.3mm, Length: 2m



PRF.169	Aluminium Profile Anodized for BASELINE V 20.5x35mm, Length: 2m
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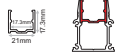
#### FLOOR Aluminium Profile



PRF.168	FLOOR Aluminium Profile Anodized for BASELINE V 32.7x17.7mm, Length: 2m
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PRF.421	Aluminium Profile Anodized for BASELINE V, BASELINE TWIST 21x17.3mm, Length: 2m
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CAP.160	Front Cap for PRF.168
CAP.161	End Cap for PRF.168



PRH.108	Alignment kit for anodized model
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### Holder



PRH.088	Mounting Clip stainless steel 316 for BASELINE V, BASELINE TWIST 20x16.6x12.4mm
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Ekos Resort, Haikiki, Greece  
AGARCH + ARCHITECTS

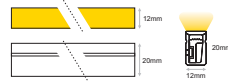
AWARD:  
Best Resort  
Best Landscape  
Special Jury award for the highest total score  
Audience Award  
100% Hotel DesignAwards 2015

# BASELINE H MILKY LED



# BASELINE H MILKY LED

- Baseline H Milky LED is a fully encapsulated Horizontal bending flexible linear LED.
- Available in Pro or Standard Version.
- Material: Silicone
- Bin Step: Monochromatic White LEDs Silicone: 2SDCM
- Available Single Coloured High Efficiency models.
- Available in RGBW and TW.
- L70B10 > 50000Hrs
- Available in IP67 protection rate.
- CRI > 90 for 2700/3000/3500/4000K as standard.
- Possibility to create straight or curved lines.
- Can be used both indoor and outdoor.
- Dot free lighting effect.
- IK 08 Protection.
- Can ideally be used with surface aluminium profile.



Max length with single supply:

- Monochrome: 17m (connection IM IP67), 10m (connection IP67)
- High Efficiency, TW: 5m
- RGBW: 13m (connection IM IP67), 6.5m (connection IP67)

Lighting management options:

On-Off(DALI), 10V/1..10V/DMX512, PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

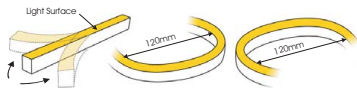
- ✓ UV Resistant
- ✓ Chemical Resistant



Connection IM IP67



Horizontal bending



## PRO

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP67
<b>BSL.020</b>	120	10W	5	2700K	>90	330	24VDC	120°	50
<b>BSL.021</b>	120	10W	5	3000K	>90	355	24VDC	120°	50
<b>BSL.022</b>	120	10W	5	3500K	>90	372	24VDC	120°	50
<b>BSL.023</b>	120	10W	5	4000K	>90	375	24VDC	120°	50
<b>BSL.024</b>	120	10W	5	5300K	>80	380	24VDC	120°	50

\* Please confirm with the <math>\llcorner</math> sign on the rear side of the modules

## Standard

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP67
<b>BSL.025</b>	120	10W	5	2700K	>90	285	24VDC	120°	50
<b>BSL.026</b>	120	10W	5	3000K	>90	305	24VDC	120°	50
<b>BSL.027</b>	120	10W	5	3500K	>90	272	24VDC	120°	50
<b>BSL.028</b>	120	10W	5	4000K	>90	323	24VDC	120°	50
<b>BSL.029</b>	120	10W	5	5300K	>80	328	24VDC	120°	50

\* Please confirm with the <math>\llcorner</math> sign on the rear side of the modules





High Efficiency

Code	No.LED/m	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Scissors icon * (mm)
<b>BSL048</b>	160	10W	5	2700K	>80	845	24VDC	120°	50
<b>BSL049</b>	160	10W	5	3000K	>80	865	24VDC	120°	50
<b>BSL050</b>	160	10W	5	4000K	>80	885	24VDC	120°	50
<b>BSL051</b>	160	10W	5	6000K	>80	845	24VDC	120°	50

\* Please confirm with the <= sign on the rear side of the modules

RGBW

Code	Watt/m	Reel(m)	CCT	Luminus FLUX (lm/m)	Voltage	Beam Angle	Scissors icon * (mm)
<b>BSL052</b>	15W	5	RGBWW (2700K)	295 (R:35/G:105/B:35/W:120)	24VDC	120°	125
<b>BSL053</b>	15W	5	RGBW (4000K)	310 (R:35/G:105/B:35/W:135)	24VDC	120°	125
<b>BSL054</b>	15W	5	RGBCW (5300K)	295 (R:35/G:105/B:35/CW:120)	24VDC	120°	125

\* Please confirm with the <= sign on the rear side of the modules

Tunable White

Code	Watt/m	Reel(m)	CCT	CRI	Luminus FLUX (lm/m)	Voltage	Beam Angle	Scissors icon * (mm)
<b>BSL055</b>	15W	5	TW (2700K+5300K)	>80	540 (2700K:270 / 5300K:270)	24VDC	120°	50

\* Please confirm with the <= sign on the rear side of the modules



Connection IP67

Side Feed



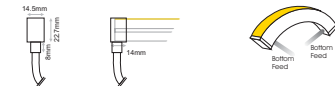
Code for Single Colour	Code for RGBW	Code for TW	Description	Length
<b>BSL304</b>	<b>BSL321</b>	<b>BSL324</b>	Side Feed BASELINE H IP65	L=0.3m



Bottom Feed



Code for Single Colour	Code for RGBW	Code for TW	Description	Length
<b>BSL305</b>	<b>BSL322</b>	<b>BSL325</b>	Bottom Feed BASELINE H IP65	L=0.3m



Front Feed



Code for Single Colour	Code for RGBW	Code for TW	Description	Length
<b>BSL306</b>	<b>BSL323</b>	<b>BSL326</b>	Front Feed BASELINE H IP65	L=0.3m



End Cap



Code for	Description	Length
<b>BSL307</b>	End Cap BASELINE H IP65	L=0.3m





- DOME MILKY LED is available with Nichia SMD LEDs for Monochromatic & RGB, and is also available in standard LED RGB version.
- Available: Injection moulded IP67, Double Injection Moulded IP68, Snap-DIY IP67.
- It is ideal for outdoor illumination on highlighting buildings.
- Can ideally be used with aluminium channel.
- Available in standard length or available with injection moulded process IP67 or IP68 in custom lengths.
- UV, Solvents, and Saltwater resistant.
- IK08 protection.
- Available with 60 LED/m, 12W/m.

Lighting management options:  
On-Off/DALI/0-10V/1-10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth

- > Maximum connecting length: 10m (for longer lengths also use reverse supply connector)
- > Cutting units: Every 100mm (check cutting marks on product)



Code	No.LED/m	Watt/m	Reel(m)	CCT*	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP
TIV.467	60	12W	20	2200K	300	24VDC	120°	100
TIV.468	60	12W	20	2500K	320	24VDC	120°	100
TIV.469	60	12W	20	2700K	340	24VDC	120°	100
TIV.795	60	12W	20	3000K	350	24VDC	120°	100
TIV.470	60	12W	20	3500K	360	24VDC	120°	100
TIV.444	60	12W	20	4000K	370	24VDC	120°	100
TIV.471	60	12W	20	4500K	380	24VDC	120°	100
TIV.447	60	12W	20	5000K	390	24VDC	120°	100
TIV.475	60	12W	20	RGB	R: 46 G: 120 B: 21	24VDC	120°	100

\* Available in RED, AMBER, BLUE and GREEN upon request.  
\*\* Please confirm with the <math>\leq</math> sign on the rear side of the modules

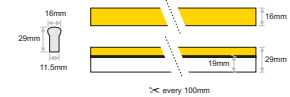
#### Standard RGB

Code	No.LED/m	Watt/m	Reel(m)	CCT	Luminous FLUX (lm/m)	Voltage	Beam Angle	IP
TIV.476	60	12W	20	RGB	R: 43 G: 110 B: 19	24VDC	120°	100
TIV.123								

\* Please confirm with the <math>\leq</math> sign on the rear side of the modules

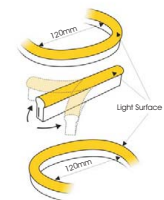
## DOME MILKY LED

### Constant Current technology



All connectors are supplied with waterproof junction protection barrel

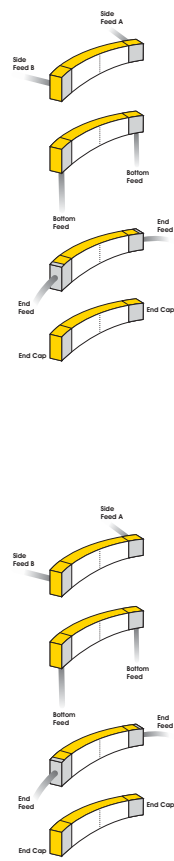
**FRAGILE**  
Only Bend Horizontally  
Do not bend smaller than allowed minimum bend diameter.





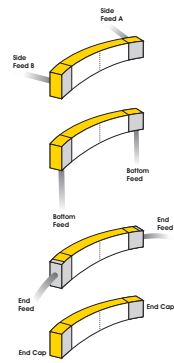
Injection Moulded connection IP67

	Code for Single Colour	Code for RGB	Description	Length
	CON.323	CON.386	Side Feed A connector IP67	L = 1m
	CON.325	CON.388	Side Feed A connector IP67	L = 3m
	CON.327	CON.390	Side Feed A connector IP67	L = 5m
	CON.329	CON.392	Side Feed A connector IP67	L = 10m
	CON.324	CON.387	Side Feed B connector IP67	L = 1m
	CON.326	CON.389	Side Feed B connector IP67	L = 3m
	CON.328	CON.391	Side Feed B connector IP67	L = 5m
CON.330	CON.393	Side Feed B connector IP67	L = 10m	
	CON.331	CON.394	Bottom Feed connector IP67	L = 1m
	CON.332	CON.395	Bottom Feed connector IP67	L = 3m
	CON.333	CON.396	Bottom Feed connector IP67	L = 5m
	CON.334	CON.397	Bottom Feed connector IP67	L = 10m
	CON.335	CON.398	End Feed connector IP67	L = 1m
	CON.336	CON.399	End Feed connector IP67	L = 3m
	CON.337	CON.400	End Feed connector IP67	L = 5m
	CON.338	CON.401	End Feed connector IP67	L = 10m
	CAP416	CAP419	End Cap IP67	



Injection Moulded connection IP68

	Code for Single Colour	Code for RGB	Description	Length
	CON.334	CON.402	Side Feed A connector IP68	L = 1m
	CON.341	CON.404	Side Feed A connector IP68	L = 3m
	CON.343	CON.406	Side Feed A connector IP68	L = 5m
	CON.345	CON.408	Side Feed A connector IP68	L = 10m
	CON.340	CON.403	Side Feed B connector IP68	L = 1m
	CON.342	CON.405	Side Feed B connector IP68	L = 3m
	CON.344	CON.407	Side Feed B connector IP68	L = 5m
CON.346	CON.409	Side Feed B connector IP68	L = 10m	
	CON.347	CON.410	Bottom Feed connector IP68	L = 1m
	CON.348	CON.411	Bottom Feed connector IP68	L = 3m
	CON.349	CON.412	Bottom Feed connector IP68	L = 5m
	CON.350	CON.413	Bottom Feed connector IP68	L = 10m
	CON.351	CON.414	End Feed connector IP68	L = 1m
	CON.352	CON.415	End Feed connector IP68	L = 3m
	CON.353	CON.416	End Feed connector IP68	L = 5m
	CON.354	CON.417	End Feed connector IP68	L = 10m
	CAP418	CAP420	End Cap IP68	



Snap connection IP67

	Code for Single Colour	Code for RGB	Description	Length
	CON.370	CON.434	Side Feed Left A connector IP67	L = 1m
	CON.371	CON.435	Side Feed Left A connector IP67	L = 3m
	CON.372	CON.436	Side Feed Left A connector IP67	L = 5m
	CON.373	CON.437	Side Feed Left A connector IP67	L = 10m
	CON.378	CON.442	Side Feed Right A connector IP67	L = 1m
	CON.379	CON.443	Side Feed Right A connector IP67	L = 3m
	CON.380	CON.444	Side Feed Right A connector IP67	L = 5m
	CON.381	CON.445	Side Feed Right A connector IP67	L = 10m
	CON.374	CON.438	Side Feed Left B connector IP67	L = 1m
	CON.375	CON.439	Side Feed Left B connector IP67	L = 3m
	CON.376	CON.440	Side Feed Left B connector IP67	L = 5m
	CON.377	CON.441	Side Feed Left B connector IP67	L = 10m
	CON.382	CON.446	Side Feed Right B connector IP67	L = 1m
	CON.383	CON.447	Side Feed Right B connector IP67	L = 3m
	CON.384	CON.448	Side Feed Right B connector IP67	L = 5m
CON.385	CON.449	Side Feed Right B connector IP67	L = 10m	
	CON.362	CON.426	Bottom Feed A connector IP67	L = 1m
	CON.363	CON.427	Bottom Feed A connector IP67	L = 3m
	CON.364	CON.428	Bottom Feed A connector IP67	L = 5m
	CON.365	CON.429	Bottom Feed A connector IP67	L = 10m
	CON.366	CON.430	Bottom Feed B connector IP67	L = 1m
	CON.367	CON.431	Bottom Feed B connector IP67	L = 3m
CON.368	CON.432	Bottom Feed B connector IP67	L = 5m	
CON.369	CON.433	Bottom Feed B connector IP67	L = 10m	
	CON.355	CON.418	End Feed A connector IP67	L = 1m
	CON.356	CON.419	End Feed A connector IP67	L = 3m
	CON.357	CON.420	End Feed A connector IP67	L = 5m
	CON.358	CON.421	End Feed A connector IP67	L = 10m
	CON.359	CON.423	End Feed B connector IP67	L = 1m
	CON.360	CON.424	End Feed B connector IP67	L = 3m
CON.361	CON.425	End Feed B connector IP67	L = 5m	
	CAP421	CAP422	End Cap A IP67	
	CAP415	CAP428	End Cap B IP67	



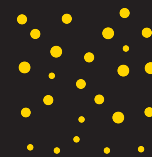
All connectors are supplied with waterproof junction protection barrel  
 Male and Female connector  
 ACC.125 Scissors for cutting Milky Top V

Profiles & Accessories for DOME Milky LED

	Code	Description
		<b>PRF069</b> Aluminium Profile for Milky DOME 13.8x22mm Length: 2m
		<b>PRF403</b> Aluminium Profile Lock for Milky DOME 16.2x25.6mm Length: 2m
		<b>PRF022</b> Aluminium Profile U TYPE for Milky DOME 16x30mm Length: 2m
		<b>PRF024</b> Aluminium Profile OMEGA for Milky DOME 16x30mm Length: 2m
		<b>PRF404</b> Recessed Aluminium Profile for Milky DOME 20.3x24mm Length: 2m
		<b>PRF401</b> Plastic profile for Milky DOME 14x24mm Length: 2m
		<b>PRF402</b> Bendable Stainless Steel profile for Milky DOME 13.2x24.5mm Length: 900mm



F I B  
E R  
O P T  
I C S



## METAL HALIDE LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Four DMX channels, 44 preset programs.
- Digital display.
- Dimmer / STRCBE.
- Audio control.
- Twinkle effect.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed, CH3: Twinkle, CH4: Dimmer.

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.001 /150DMX	230VAC	CDM-T 150W	6000H	Φ30	L340×W320×H150	11,0



Fiber Optics

## HALOGEN LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- Audio control.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.003 /100DMX	230VAC	12V 50/75/100W Halogen	3000H	Φ22	L246×W205×H125	4,0



## IP43 LIGHT ENGINE

- Standard DMX512 signal control or Master/Slave control.
- Two DMX channels, 44 preset programs.
- Digital display.
- 8Colours
- IP rating: IP43
- Stainless steel enclosure.
- UV protected.
- Over-heat protection.
- CH1: Color, CH2: Speed

Code	Voltage	Lamp	Life of lamp	Max Aperture(mm)	Size(mm)	Weight(kg)
FOE.004 /150DMX/IP43	230VAC	CDM-T 150W	6000H	Φ30	L335×W328×H190	10,7

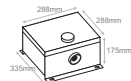


## DMX LED 80W IP43 LIGHT ENGINE

- Standard aperture: (Φ28mm / Φ30mm)
- IP Rating: IP43

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminous Flux	Life of LED	Standard Aperture	IP
FOE.011	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm / Φ30mm	IP43

Accessories supplied with the engine



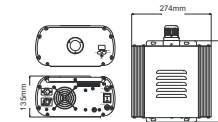
Fiber Optics

## DMX LED 40W & 80W LIGHT ENGINES

- Standard aperture:
  - FOE.006 (Φ28mm / Φ24mm / Φ20mm)
  - FOE.010 (Φ28mm / Φ30mm)
- Gross Weight: 5,6Kg



Code	Total Power Consumption	Control Protocol	Colour	Light Source	Luminous Flux	Life of LED	Standard Aperture
FOE.006	50W	DMX or by Remote Control	6 colours	40W CREE LED	3500lm (6000K)	50000H	Φ28mm / Φ24mm / Φ20mm
FOE.010	90W	DMX or by Remote Control	6 colours	80W CREE LED	6100lm (6000K)	50000H	Φ28mm / Φ30mm

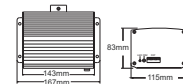


Accessories supplied with the engine



## DMX LED 10W LIGHT ENGINE

Code	Total Power Consumption	Control Protocol	Colour	Light Source	Life of LED	Standard Aperture
FOE.009	15W	DMX or by Remote Control	6 colours	10W LED	30000H	Φ11mm



Accessories supplied with the engine



## ACCESSORIES

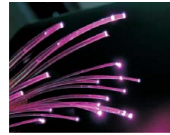
Code	Description
FOA.101	Fiber Optic Connector
FOA.102	Fiber Optic End Plug
FOA.103	Fiber Optic Channel
FOA.104	Fiber Optic Clip for FOP035 & FOP036
FOA.105	Hot Knife



## SINGLE

- Single Fiber Optic

Code	Out.Diam(mm)	Length (reel)	Colour	Material
FOP001	0.5	6000m	Clear	PMMA
FOP002	0.75	2700m	Clear	PMMA
FOP003	1.0	1500m	Clear	PMMA
FOP004	1.5	700m	Clear	PMMA
FOP005	2.0	350m	Clear	PMMA
FOP006	2.5	250m	Clear	PMMA
FOP007	3.0	150m	Clear	PMMA



## SINGLE with BLACK PVC JACKET

- Single Fiber Optic with black PVC jacket

Code	Inner.Diam(mm)	Out.Diam(mm)	Length (reel)	Colour	Material
FOP008	0.75	1.5	5400m	Black	PMMA
FOP009	1.0	2.2	3000m	Black	PMMA
FOP010	1.5	3.5	1400m	Black	PMMA
FOP011	2.0	4.0	250m	Black	PMMA
FOP012	2.5	4.5	250m	Black	PMMA
FOP013	3.0	5.0	150m	Black	PMMA



## SINGLE & MULTI SIDE EMITTING

- PMMA Side Spot Light Fiber Optic

Code	Strings	Out.Diam(mm)	Length (reel)	Colour	Material
FOP014	1x0.75	0.75	5400m*	Clear	PMMA
FOP015	1x1.20	1.2	5400m*	Clear	PMMA
FOP016	1x100	1	3000m**	Clear	PMMA
FOP017	1x1.60	1.6	3000m**	Clear	PMMA
FOP018	3x0.75	3.0	900m	Clear	PMMA
FOP019	3x1.00	3.5	750m	Clear	PMMA
FOP020	7x0.75	4.0	450m	Clear	PMMA

\*FOP014 & FOP015 available also in 2700m  
\*\*FOP016 & FOP017 available also in 1500m



## MULTI-STRING END LIGHT

- PMMA Multi-String End Light Fiber Optic

Code	Strings	Out.Diam(mm)	Length (reel)*	Colour	Material
FOP021	7x0.75	3.8	30m	Black	PMMA
FOP022	25x0.75	7.0	30m	Black	PMMA
FOP023	50x0.75	9.4	30m	Black	PMMA
FOP024	75x0.75	10.5	30m	Black	PMMA
FOP025	100x0.75	12.0	30m	Black	PMMA
FOP026	126x0.75	13.0	30m	Black	PMMA

\*Available also in 60m

## MULTI-STRING SIDE LIGHT

- PMMA Multi-String Side Light Fiber Optic

Code	Strings	Out.Diam(mm)	Length (reel)*	Colour	Material
FOP027	3x14	8.6	30m	Clear	PMMA
FOP028	6x14	12.6	30m	Clear	PMMA
FOP029	9x14	15.8	30m	Clear	PMMA

\*Available also in 60m

## SOLID SIDE LIGHT

- Solid side light fiber optic

Code	Inner.Diam(mm)	Out.Diam(mm)	Length (reel)*	Colour	Material
FOP030	3	3	30m	Clear	PMMA
FOP031	6	6	30m	Clear	PMMA
FOP032	3	5	30m	Clear	PMMA
FOP033	6	8.8	30m	Clear	PMMA
FOP034	10.1	13	30m	Clear	PMMA
FOP035	11.1	14	30m	Clear	PMMA
FOP036	14.1	17.3	30m	Clear	PMMA

\*Available also in 60m

## SOLID END LIGHT

- Solid End Light Fiber Optic

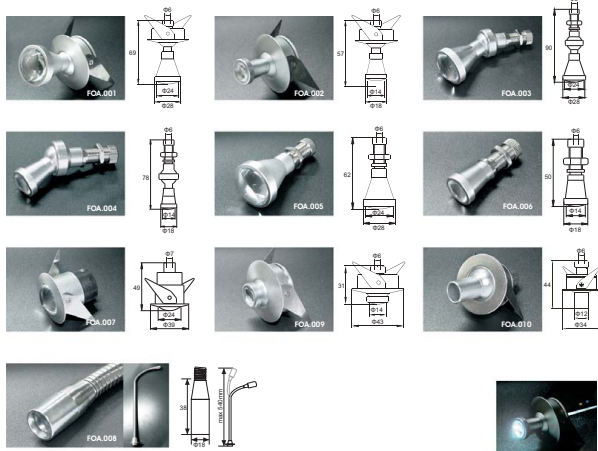
Code	Inner.Diam(mm)	Out.Diam(mm)	Length (reel)*	Colour	Material
FOP037	3.0	5.0	30m	Black	PMMA
FOP038	6.0	8.6	30m	Black	PMMA
FOP039	11.0	14.0	30m	Black	PMMA
FOP040	14.0	17.3	30m	Black	PMMA

\*Available also in 60m

## CABINET END PIECE

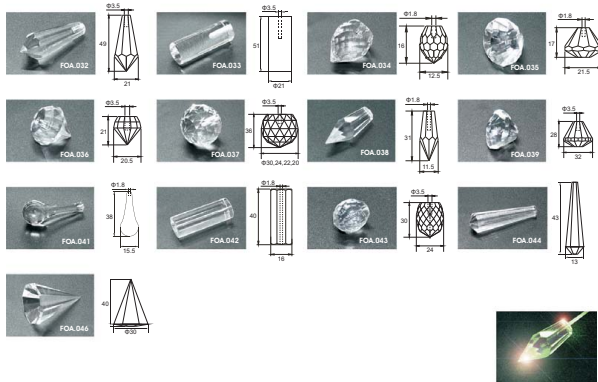
Fiber Optics

Code  
FOA.001  
FOA.002  
FOA.003  
FOA.004  
FOA.005  
FOA.006  
FOA.007  
FOA.009  
FOA.010  
FOA.008

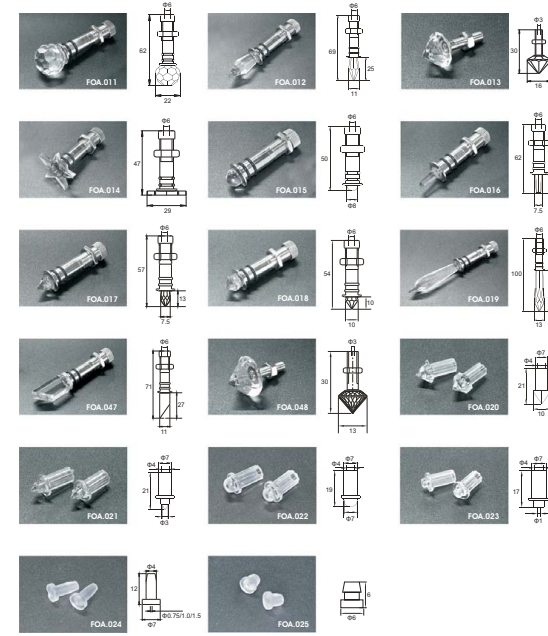


## CRYSTAL END PIECE

Code  
FOA.032  
FOA.033  
FOA.034  
FOA.035  
FOA.036  
FOA.037  
FOA.038  
FOA.039  
FOA.041  
FOA.042  
FOA.043  
FOA.044  
FOA.046



Fiber Optics



## CEILING END PIECE

Code  
FOA.011  
FOA.012  
FOA.013  
FOA.014  
FOA.015  
FOA.016  
FOA.017  
FOA.018  
FOA.019  
FOA.048  
FOA.020  
FOA.021  
FOA.022  
FOA.023  
FOA.024  
FOA.025



## FIBER OPTIC KIT / 5mm

Fiber Optics 



Code	Model	No. of Fiber Optics	Watt	Diameter	Length	
LEF003	FR006	32	50W Halogen	5mm	8pcs.x0.80m, 6pcs.x1.20m, 6pcs.x1.80m, 6pcs.x2.20m, 6pcs.x2.50m	230VAC CONTROL BY DMX

Accessories



L A M  
P S &  
M O R E





## REFIT MODULE 10 IP44

Lamps and More 

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90B10 50.000h
- 350°C/M
- IP44 (face only)



LIGHTSOURCE BY  
 IP44

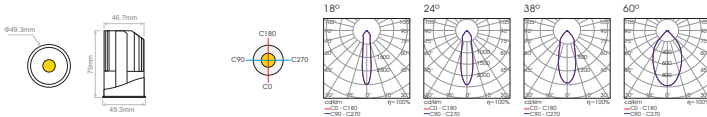
Model	LED Power	CCT*	C8180, C2190 LED Source		Beam Angle	Colour**	Dimming Option	Extra
			80 (80)	90 (90)				
<b>REFIT MODULE</b> <i>(REFIT M)</i>	<b>10.3W</b> (10)	2700K (278)	1379lm	1138lm	18° (18)	White (WH)	Without Driver (00)	No Extras (00)
		3000K (308)	1435lm	1180lm	24° (24)	Black (BL)	Non Dimmable (ND)	Emergency (E1)
		4000K (408)	1479lm	1265lm	38° (38)		Analogue (1-10V) (A1)	
					60° (60)		DMX (D1)	
						DALI (D2)		
						Push Button (PB)		
						Phase Cut (PC)		
						Wireless*** (W1)		


\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.

\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFIT M10-30B-80-24-WH-ND-00



Lamps and More 

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with different dimming options flexible for any project requirement.
- L90B10 50.000h
- 350°C/M
- IP44 (face only)



LIGHTSOURCE BY  
 IP44

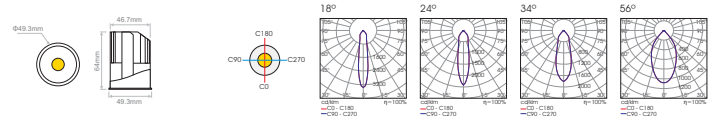
Model	LED Power	CCT*	C8180, C2190 LED Source		Beam Angle	Colour**	Dimming Option	Extra
			80 (80)	90 (90)				
<b>REFIT MODULE</b> <i>(REFIT M)</i>	<b>6.1W</b> (6)	2700K (278)	812lm	677lm	18° (18)	White (WH)	Without Driver (00)	No Extras (00)
		3000K (308)	845lm	705lm	24° (24)	Black (BL)	Non Dimmable (ND)	Emergency (E1)
		4000K (408)	879lm	733lm	34° (34)		Analogue (1-10V) (A1)	
					56° (56)		DMX (D1)	
						DALI (D2)		
						Push Button (PB)		
						Phase Cut (PC)		
						Wireless*** (W1)		

\* CCT: 3500K, 5000K, 6500K available upon request.

\*\* Other RAL colours available upon request.


\*\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.


Ordering Code Example: REFIT M6-30B-80-24-WH-ND-00



# REFIT WD 6 IP44

- LED module ideal for most GU10/MR16 luminaires
- Easy replacement on existing projects
- High efficiency
- Available in four different beam angles
- Available with dimming options flexible for different project requirements.
- L90/B10 50,000h
- 3 SDCM
- IP44 (face only)

Lamps and More 

 Lamps and More

# GU10 LED LAMPS SORAA



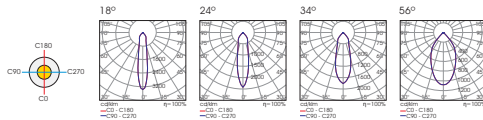
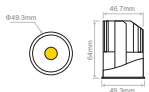
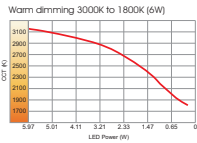
Warm Dimming  
1800K to 3000K

LIGHTSOURCE BY  
**bridgelux** 

Model	LED Power	CCT	CB95 LED Source	Beam Angle	Colour*	Dimming Option	Extra
95 (P5)							
<b>REFIT MODULE WD</b> <small>(REFIT M V2)</small>	<b>6.1W</b> (5)	<b>1800K-3000K</b> <small>(18,30B)</small>	<b>518mm</b>	18° (18) 24° (24) 34° (34) 56° (56)	White (WH) Black (BL)	Analogue (1-10V) (A1) DALI (DL) Phase Cut (PC) Wireless** (WL)	No Extras (00) Emergency (E1)

\* Other RAL colours available upon request.  
\*\* The wireless dimming option includes driver and Bluetooth dimming accessory.

Ordering Code Example: REFIT M WD6-1830B-95-24-WH-DL-00



ROAD TEST  
**SORAA**

Description	Lamp Holder	Watt	Voltage (50-60Hz)	CCT	CSI	Beam Angle	Luminous Flux	Snap Compatible
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### SORAA Brilliant HL 2700K /7,5W

Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	10°	620lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	25°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	36°	650lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	2700K	90	60°	650lm	NO

### SORAA Brilliant HL 2700K /9,5W

Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	25°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	36°	720lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	2700K	90	60°	720lm	NO


### SORAA Brilliant HL 3000K /7,5W

Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	10°	640lm	YES
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	25°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	36°	660lm	NO
Soraa Brilliant HL	GU10	7.5W	220-240VAC	3000K	90	60°	660lm	NO

### SORAA Brilliant HL 3000K /9,5W

Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	25°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	36°	730lm	NO
Soraa Brilliant HL	GU10	9.5W	220-240VAC	3000K	90	60°	730lm	NO

# GU10 LED LAMPS SORAA

Lamps and More 

Compatible with  
**SORAA**



Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminous Flux	Snap Compatible
-------------	-------------	------	-------------------	-----	-----	------------	---------------	-----------------

### SORAA Vivid 2700K /7,5W

Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	10°	390lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	25°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	36°	410lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	2700K	95	60°	410lm	NO

### SORAA Vivid 2700K /9,5W

Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	25°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	36°	465lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	2700K	95	60°	465lm	NO

### SORAA Vivid 3000K /7,5W


Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	10°	410lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	25°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	36°	435lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	3000K	95	60°	435lm	NO

### SORAA Vivid 3000K /9,5W

Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	25°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	36°	490lm	NO
Soraa Vivid	GU10	9.5W	220-240VAC	3000K	95	60°	490lm	NO

### Soraa Vivid 4000K /7,5W

Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	10°	430lm	YES
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	25°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	36°	455lm	NO
Soraa Vivid	GU10	7.5W	220-240VAC	4000K	95	60°	455lm	NO

Lamps and More 

Compatible with  
**SORAA**



Spreader Snap Accessory	Beam
Beam Spreader Snap	17°
Beam Spreader Snap	25°
Beam Spreader Snap	36°
Beam Spreader Snap	60°



Linear Snap Accessory	Beam
Linear Snap	10°-25°
Linear Snap	10°-36°
Linear Snap	10°-60°



Flat to Snap Accessory	Beam
Flat to Snap	25°-25°
Flat to Snap	36°-36°



Lower Snap Accessory	Cutoff Angle
Lower Snap	40°



Aimable Snap Accessory
Aim Lens Snap



CCT Shifter Snap Accessory	
CCT Shifter Snap	1/4
CCT Shifter Snap	1/2
CCT Shifter Snap	3/4



Clear Snap Accessory	
Clear Snap	Use this with Gel and Dichroic filter




Enhance Accessory	
Enhance	Color -enhancing filter to modify the spectrum of Soraa Vivid lamps

# Snap System LED Accessories SORAA



# GU10 LED LAMPS SYLVANIA

Lamps and More 

 Lamps and More

# GLS/CANDLE LED LAMPS SYLVANIA

**SYLVANIA**



**SYLVANIA**

Description	Lamp Holder	Watt	Voltage (50/60Hz)	CCT	CRI	Beam Angle	Luminous Flux
-------------	-------------	------	-------------------	-----	-----	------------	---------------

### RefLED Retro Superia E550 Dimmable

RefLED Retro Superia E550 V3	GU10	4.5W	220-240VAC	2700K	80	36°	345lm
RefLED Retro Superia E550 V3	GU10	4.5W	220-240VAC	3000K	80	36°	345lm
RefLED Retro Superia E550 V3	GU10	4.5W	220-240VAC	4000K	80	36°	360lm
RefLED Retro Superia E550 V3	GU10	4.5W	220-240VAC	6500K	80	36°	360lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	2700K	90	36°	405lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	3000K	90	36°	405lm
RefLED Retro Superia E550 V3	GU10	5W	220-240VAC	4000K	90	36°	405lm
RefLED Retro Superia E550 V3	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Retro Superia E550 V3	GU10	6W	220-240VAC	3000K	80	36°	550lm
RefLED Retro Superia E550 V3	GU10	6W	220-240VAC	4000K	80	36°	580lm
RefLED Retro Superia E550 V3	GU10	6W	220-240VAC	6500K	80	36°	580lm

### RefLED Superia Retro E550

RefLED Superia Retro E550 V3	GU10	3W	220-240VAC	3000K	80	36°	230lm
RefLED Superia Retro E550 V3	GU10	3W	220-240VAC	4000K	80	36°	230lm
RefLED Superia Retro E550 V3	GU10	4W	220-240VAC	2700K	80	36°	345lm
RefLED Superia Retro E550 V3	GU10	4W	220-240VAC	3000K	80	36°	345lm
RefLED Superia Retro E550 V3	GU10	4W	220-240VAC	4000K	80	36°	360lm
RefLED Superia Retro E550 V3	GU10	4W	220-240VAC	6500K	80	36°	360lm
RefLED Superia Retro E550 V3	GU10	5W	220-240VAC	2700K	80	36°	450lm
RefLED Superia Retro E550 V3	GU10	5W	220-240VAC	3000K	80	36°	450lm
RefLED Superia Retro E550 V3	GU10	5W	220-240VAC	4000K	80	36°	475lm
RefLED Superia Retro E550 V3	GU10	5W	220-240VAC	6500K	80	36°	475lm
RefLED Superia Retro E550 V3	GU10	6W	220-240VAC	2700K	80	36°	550lm
RefLED Superia Retro E550 V3	GU10	6W	220-240VAC	3000K	80	36°	600lm
RefLED Superia Retro E550 V3	GU10	6W	220-240VAC	4000K	80	36°	620lm
RefLED Superia Retro E550 V3	GU10	6W	220-240VAC	6500K	80	36°	620lm
RefLED Superia Retro E550 V3	GU10	7.3W	220-240VAC	2700K	80	36°	700lm
RefLED Superia Retro E550 V3	GU10	7.3W	220-240VAC	3000K	80	36°	700lm
RefLED Superia Retro E550 V3	GU10	7.3W	220-240VAC	4000K	80	36°	750lm
RefLED Superia Retro E550 V3	GU10	7.3W	220-240VAC	6500K	80	36°	750lm

Description	Lamp Holder	Watt	Voltage	CCT	CRI	Luminous Flux	Finish
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### ToLED Retro GLS Dimmable

ToLED RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLED RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLED RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Clear
ToLED RT GLS Dimmable	E27	7W	220-240VAC	2700K	80	806lm	Satin
ToLED RT GLS Dimmable	E27	9W	220-240VAC	2700K	80	1055lm	Satin
ToLED RT GLS Dimmable	E27	9W	220-240VAC	4000K	80	1055lm	Satin
ToLED RT GLS Dimmable	E27	9W	220-240VAC	6500K	80	1055lm	Satin
ToLED RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Satin
ToLED RT GLS Dimmable	E27	11.2W	220-240VAC	2700K	80	1521lm	Satin

### ToLED Retro GLS

ToLED RT GLS	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT GLS	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT GLS	E27	4.5W	220-240VAC	4000K	80	470lm	Clear
ToLED RT GLS	E27	6W	220-240VAC	2700K	80	640lm	Clear
ToLED RT GLS	E27	6W	220-240VAC	2700K	80	640lm	Clear
ToLED RT GLS	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLED RT GLS	E27	7W	220-240VAC	2700K	80	806lm	Clear
ToLED RT GLS	E27	7W	220-240VAC	4000K	80	806lm	Clear
ToLED RT GLS	E27	8W	220-240VAC	2700K	80	1055lm	Clear
ToLED RT GLS	E27	8W	220-240VAC	4000K	80	1055lm	Clear
ToLED RT GLS	E27	11W	220-240VAC	2700K	80	1521lm	Clear

### ToLED Retro Candle Dimmable

ToLED RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT Candle Dimmable	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT Candle Dimmable	E14	4.5W	220-240VAC	2700K	80	470lm	Satin
ToLED RT Candle Dimmable	E14	4.5W	220-240VAC	4000K	80	470lm	Satin
ToLED RT Candle Dimmable	E14	4.5W	220-240VAC	6500K	80	470lm	Satin

### ToLED Retro Candle

ToLED RT Candle	E27	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLED RT Candle	E14	2.5W	220-240VAC	2700K	80	250lm	Clear
ToLED RT Candle	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT Candle	E14	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT Candle	E27	4.5W	220-240VAC	2700K	80	470lm	Clear
ToLED RT Candle	E14	6W	220-240VAC	2700K	80	806lm	Clear
ToLED RT Candle	E27	6W	220-240VAC	2700K	80	806lm	Clear

# HOMOGENEOUS 5VDC

Lamps and More 



Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth

Code	Description	No.LED	Colour	Lamp Holder	Watt	Voltage	Diameter	Beam Angle
LED.301 /CC	HOMOGENEOUS 5W	1	RGB	CABLE	5W	5VDC	51mm	45°

# LED MODULE RGB

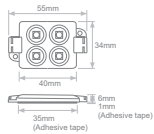
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Ideal for backlighting plexiglass and other special constructions.
- Reduced maintenance costs.
- Bright, diffuse light and saturated colours.
- Outdoor installation IP65.
- Adhesive tape at the rear side of the module.
- SMD LEDs.
- Sold in chain of 20 pcs.


Lighting management options:  
DALI/DMX512/PHASE CUT/IR/RF/Bluetooth



Code*	No.LED	Colour	Watt	Dimensions	Voltage	Beam Angle	IP
LEM.012 /CA	4 (RGB in one chip)	RGB	1.3W	55x7x34mm	12VDC	120°	IP65

\*Note: CA=Common Anode



Lamps and More 

# LED MODULE Samsung

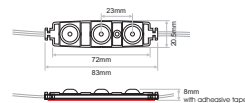
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- Adhesive tape at the rear side of the module.
- Standard chain of 25 modules.

Lighting management options:  
On-Off/DALI(0..10V)/1..10V/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	No.LED	Watt	Dimensions	CCT*	CRI	Luminous FLUX (LM)	Lumen Efficacy	Voltage	Beam Angle	IP
LEM.015	3	1.3W	83x20.5x8mm	2700K	CRi80+	110 lm	91 lm/W	12VDC	120°	IP67
LEM.014	3	1.3W	83x20.5x8mm	3000K	CRi80+	120 lm	95 lm/W	12VDC	120°	IP67
LEM.013	3	1.3W	83x20.5x8mm	4000K	CRi80+	130 lm	100 lm/W	12VDC	120°	IP67
LEM.008	3	1.3W	83x20.5x8mm	5000K	CRi80+	130 lm	104 lm/W	12VDC	120°	IP67

\* Available also in 6000K upon request.



## CHAIN WASH LED Module 20°x70°

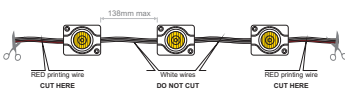
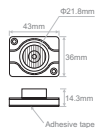
Lamps and More 

- ABS Casing and Aluminium PCB
- Screw hole on the PCB for durable installation
- LED Modules for illuminating advertising boards, company name and logo boards, etc.
- Adhesive tape at the rear side of the module.
- Standard chain of 21 LED modules (7 sets of 3 modules).
- Cutting every 3 LED modules (on indicative RED cable parts only).

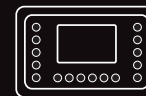
Lighting management options:  
On-Off/DALI(0...10V/1...10V)/DMX512/PHASE CUT/IR/RF/PUSH BUTTON/Bluetooth



Code	3-Module Chain	Watt	CCT	CRI	Voltage	Beam Angle	IP
LEM.020	3	3x2.7W	3000K	CR180	12VDC	20°x70°	IP65
LEM.021	3	3x2.7W	4000K	CR180	12VDC	20°x70°	IP65
LEM.022	3	3x2.7W	6500K	CR180	12VDC	20°x70°	IP65



L I G H T  
I N G  
M A N  
A G E  
M E N T



# ARLIC

## Architectural Lighting Management System

Lighting Management, Power Supplies & Controllers

Designed & Manufactured  
by ELECTRON SA



ARLIC architectural lighting system capable of managing the lighting needs of medium and multi purpose venues, but also flexible enough to cover the needs of a smaller space where the cost of installation is crucial, yet providing the features of a large system.

### ARLIC system consists of:

- Control panels of 6 or 18 scenarios.
- 8 analogue input interface.
- 4 mains voltage (230VAC) input interface.
- Infrared remote control.
- Lighting programmer.

ARLIC system can control up to 32 scenarios each. Each scenario can be a scene with programmable fade in-out, or a chaser with programmable rate and fade.

By using the 8 analogue input interface it is possible to connect to the system other control panels such as 0-10V, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts. By using the 4 mains voltage (230VAC) input interface it is possible to connect to the system common motion detectors, wall mounted switches (230VAC), as well as to have mains voltage monitoring for emergency functions.

The scenario selection buttons of all the system control panels are programmable. Any scenario can be activated from the desired button. Also, the buttons of each control panel can be grouped and function in different ways of scenario selection. The control panels can, optionally, have an IR receiver so as to accept commands from the system's IR remote control. With the remote control there is the possibility of controlling up to 18 scenarios.

The architectural lighting controller manages all the commands that are sent by the control panels and interfaces. It activates the lighting scenarios and scheduled events and it transfers them to the 512 channels of the DMX-512 output. By this way, any DMX device can be connected to the ARLIC system. The architectural lighting controller is also equipped with a DMX-512 input with an incorporated merger. From the DMX-512 input and by using a DMX control desk it is possible to control the illumination of spaces with capability of de-activating (Blocking) selected control panels.

An Emergency Scenario for each zone can be automatically activated when the ARLIC system detects power failure and activation of the electric generator, avoiding this way network overload. Also, a Panic Scenario for each zone can be activated from an external emergency heavy duty push button for lighting all areas in special cases.

The ARLIC system network (ARLICnet) is based on the Controller Area Network (CAN) protocol which is a real-time, serial, broadcast protocol with a very high level of security.

In ARLICnet there can be up to 96 Nodes of control panels and interfaces, while it is divided in 6 Segments which are connected by the repeaters. The topology of ARLICnet can be Linear, Star, Tree, Ring or a combination of those.

Lighting Management, Power Supplies & Controllers

# ARLIC

## Architectural Lighting Management System

Ideal in small installations or in applications where cost is a crucial factor, control panels of 6 or 18 scenarios with incorporated DMX output can be used.

The ARLIC lighting control system can manage up to 60 DMX channels, while it is also possible that the control panels have an IR receiver for the IR remote control ARS.004.

The ARLIC can control up to 32 scenarios and can support up to 48 nodes (16 control panels ARS.D09/01/011,012, 16 analogue interfaces ARS.002 and 16 high voltage interfaces ARS.001). Also emergency lighting conditions are supported by the system.

### ARLIC Controllers



ARS.013 WHITE    ARS.013 BLACK    ARS.023 WHITE

**ARS.013**  
Control panel and controller with 6 scenarios and DMX output.

**ARS.014**  
Control panel and controller with 6 scenarios, infrared receiver and DMX output.

**ARS.023**  
Wall mounted control panel and controller with 6 scenarios and DMX output.

**ARS.024**  
Wall mounted control panel and controller with 6 scenarios, infrared receiver and DMX output.



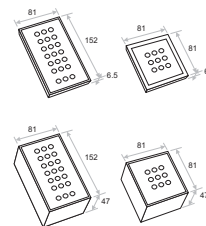
ARS.015 WHITE    ARS.015 BLACK    ARS.025 WHITE

**ARS.015**  
Control panel and controller with 18 scenarios and DMX output.

**ARS.016**  
Control panel and controller with 18 scenarios, infrared receiver and DMX output.

**ARS.025**  
Wall mounted control panel and controller with 18 scenarios and DMX output.

**ARS.026**  
Wall mounted control panel and controller with 18 scenarios, infrared receiver and DMX output.



### ARLIC system:

- Advanced lighting control system.
- Perfect lighting solutions.
- User friendly.



# CONTROL PANELS

## of 6 & 18 Scenarios for ARLIC

Designed & Manufactured  
by ELECTRON SA

- Control panels of 6 and 18 scenarios.
- IR receiver (optional).
- Programmable buttons.
- Button grouping.
- Multiple button operation modes.
- Up and down dimming buttons.
- Monitor LEDs for active scenarios.
- Status backup on power failure.
- DMX-512 output for stand alone operation.
- ARLICnet port.
- Variety of colours.



ARS.009 WHITE    ARS.009 BLACK    ARS.027 WHITE

**ARS.009**  
Control panel with **6** scenarios.

**ARS.010**  
Control panel with **6** scenarios and infrared receiver.

**ARS.027**  
Wall mounted control panel with **6** scenarios.

**ARS.028**  
Wall mounted control panel with **6** scenarios and infrared receiver.



ARS.011 WHITE    ARS.011 BLACK    ARS.029 WHITE

**ARS.011**  
Control panel with **18** scenarios.

**ARS.012**  
Control panel with **18** scenarios and infrared receiver.

**ARS.029**  
Wall mounted control panel with **18** scenarios.

**ARS.030**  
Wall mounted control panel with **18** scenarios and infrared receiver.

- Standard colours for frames and panels are BLACK or WHITE.
- Other colours of frame and panels: GREY, IVORY, STAINLESS STEEL, ANTHRACITE or ALUMINIUM are available at extra cost.



Lighting Management, Power Supplies & Controllers

Lighting Management, Power Supplies & Controllers

# ARLIC

## Accessories

Designed & Manufactured  
by ELECTRON SA

### Analogue interface

#### ARS.002 for ARLIC



- 8 programmable analogue inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The analogue inputs can be used to connect 0-10V control panels, 1-10V rheostats, single push buttons, up-down push buttons, presence detectors and relay contacts.

### High voltage interface

#### ARS.001 for ARLIC



- 4 programmable H.V. (230VAC) inputs.
- Input grouping.
- Multiple input operation mode.
- Status backup on power failure.
- ARLICnet port.
- Up to 16 interfaces supported by ARLICnet.

The inputs can be used to connect common motion detectors, wall mounted switches or buttons (230VAC), while it is possible to have mains voltage monitoring for emergency functions.

### IR remote control

#### ARS.004 for ARLIC



- Remote control of 18 scenarios.
- Selection of active zone.\*
- Up and down dimming buttons.
- Long effective range.
- No command conflict between zones.\*
- Each zone can have its own remote control.\*
- OFF button.

\*Not available functions in the MINI ARLIC system.

### Programmer

#### ARS.008 for ARLIC



- ARLIC system configuration.
- System devices setup.
- Scenario programming.
- Events programming.
- Emergency and panic programming.
- USB port for backup on memory stick.
- ARLICnet port.

### Accessories for ARLIC



**ARS.017**  
1-10V electronic rheostat



**ARS.018**  
Wall motion detector



**ARS.019**  
Ceiling motion detector



**ARS.020**  
Presence detector



**ARS.021**  
RJ45 ARLIC net socket



**ARS.022**  
Wall mounted RJ45 ARLIC net socket



**ARS.003**  
ARLIC net repeater



**ARC.004**  
Recessed wall box for 1 gang control panels. Supplied for the control panels if needed.



**ARC.005**  
Recessed wall box for 2 gang control panels. Supplied for the control panels if needed.



**ARC.006**  
Plasterboard box for 1 gang control panels. Supplied for the control panels if needed.



**ARC.007**  
Plasterboard box for 2 gang control panels. Supplied for the control panels if needed.



# DMR.730 TRAILING EDGE Dimmer

Lighting Management, Power Supplies & Controllers



Designed & Manufactured  
by ELECTRON SA



## DMR.730 FLICKER FREE TRAILING EDGE DIMMER Unaffected from mains fluctuations

Specially designed for dimmable 230VAC LED lamps.	The only dimmer which achieves stable output voltage, unaffected from mains fluctuations.	Output remains stable even at 230VAC, in power supply voltage range from 173VAC to 265VAC.
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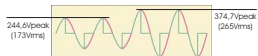
### Mains fluctuation immunity

The light intensity adjustment in a common flicker free dimmer is usually based on IGBTs (Insulated Gate Bipolar Transistor). These dimmers have the ability to vary the conduction angle of the power supply sinusoidal voltage so that regulation of brightness variation of the lamp(s) is achieved. When IGBT is in conduction state it acts as a switch, and consequently the supply voltage is conducted at the dimmer's output. This means that any fluctuation in the mains voltage is conducted to the lamps and the result is the variation of the lamps' luminosity. Thus, these dimmers are flicker-free concerning their electronic circuit, but the lamps are flickering because of the dimmer's weakness to control the fluctuations of the mains system.

The new SMRD (Switch Mode Regulated Dimmer) technology monitors the mains voltage and stabilizes the output voltage so that this remains stable and unaffected from the network's fluctuations, thus results in the stability of the lamp(s) brightness.

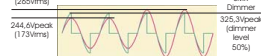


Output curve of a common trailing edge flicker free dimmer



When the IGBT is in conduction, the dimmer's peak voltage (green curve) is about the same with the mains peak voltage (red curve). Consequently, the voltage that is conducted to the lamp(s) is proportional to the mains' fluctuations.

Output curve of a Trailing edge SMR Dimmer

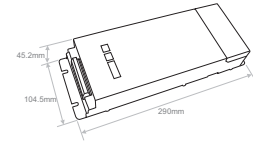


The peak voltage of the SMR Dimmer (green curve), is stable irrespectively of the mains peak voltage (red curve). The amplitude of the mains' fluctuation could be from 173V to 265V.

Lighting Management, Power Supplies & Controllers



# DMR.730 TRAILING EDGE Dimmer



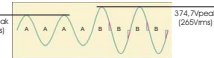
### True output regulation

Some dimmers available in the market achieve voltage stabilization by regulating the conduction angle. With this method the RMS voltage can remain stable, however there are three disadvantages:

- 1) Mains voltage must be always higher than the output voltage.
- 2) By changing the conduction angle, brightness is affected because the LED Lamp(s) luminosity regulation is depended on the conduction angle of the dimmer.
- 3) When the dimmer is on at full (conduction angle 100%), there is no possibility to further increase the conduction angle in case of a voltage drop from the network.

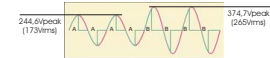
SMR technology maintains the output voltage stable with no need of higher mains voltage and without changing the conduction angle. This means that even if the dimmer is at 100%, the output remains at full (230V) in power supply voltage range from 173V to 265V.

Failure of RMS output voltage stabilization, by changing the conduction angle, when the dimmer is at full (100%).



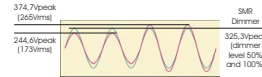
A: Conduction angle 100%. RMS voltage is less than 173Vrms, not 230Vrms.  
B: Smaller conduction angle for output 230Vrms. The supply voltage must be higher than 230Vrms.

Stabilization of RMS output voltage by changing the conduction angle.



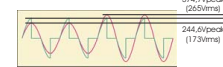
Changing angle A to angle B to maintain the same RMS output voltage, results in changing the brightness of the lamp.

Stabilization of output voltage at 100% of the SMR dimmer



The lamp is supplied with stable voltage even if the mains voltage drops at 173V.

Stabilization of output voltage at 50% of the SMR dimmer without changing the conduction angle



The lamp is supplied with stable voltage and stable conduction angle.

### More features of the SMR Dimmer:

#### Power Factor

LED lamps but also CFLs (Compact Fluorescent Lamps) are usually loads with low power factor (cosφ = 0.55-0.75). Independently from the lamps' power factor, the new SMR dimmer consumes energy with power factor > 0.98 (for output level 100%), without affecting the network.

#### Lamp protection

Due to the special electronic circuits and stabilization the output voltage is always steady and free from spikes and over-voltages protecting the lamps even from complete failure.

#### Dimming law correction

With the use of two trimmers the dead fields, that usually LED and fluorescent lamps have, are eliminated. The first trimmer is used for the minimum and the other one for the maximum brightness of the lamp. In this way the controller works correctly when adjusting the lamps' brightness.

#### Master Slave operation

The new SMR dimmer can work as master, controlling multiple SMR dimmers connected at its DMX output. With this feature, as many SMR dimmers as the user likes can be controlled from one controller.

#### CFL Ignition

CFLs (Compact Fluorescent Lamps) in order to ignite need operating voltage of more than approximately 50%. Thus, in order to turn on a CFL at 30% for example, the user should first adjust the dimmer over 50% and afterwards dim it at 30%. The new SMR dimmer is capable of providing a pulse of 100% of the output voltage, for 1sec automatically, in case we need to turn on the lamps at percentages less than 50%.

#### Control inputs

The new SMR dimmer incorporates both DMX-512 and analogue inputs. At the analogue input the user can connect 0/10V, or 1/10V, or rheostat 100kΩ, or button for ON - OFF and dimming, or UP/DOWN button for ON - OFF and dimming.

#### PWM signal output

The new SMR dimmer incorporates PWM signal output, providing the capability of driving constant voltage and constant current converters of ELECTRON SA. Thus, with one controller the user can control multiple types of lighting fixtures.

# DMR.731

## TRAILING EDGE Dimmer

Designed & Manufactured  
by ELECTRON SA



# DMR.731

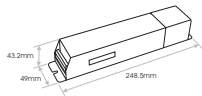
## FLICKER FREE TRAILING EDGE DIMMER

### Economic solution for controlling:

- Dimmable LEDs 230V.
- Dimmable CFLs .
- Trailing edge dimmable Electronic Transformers.

- Handles great inrush currents.
- Lamps connected up to 350W.
- Dimming Low Connection eliminating dead fields of the lamps.
- Master - Slave operation for controlling multiple Dimmers with one controller.
- CFL ignition.
- DMX-512 input.
- Analogue input (0/10V, 1/10V, rheostat 100kΩ, button, UP/DOWN button).
- PWM signal output can drive ELECTRON SA constant voltage and constant current converters.

Output power 350W  
Controlled by IGBT



Lighting Management, Power Supplies & Controllers 

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# DIN RAIL

## TRAILING EDGE Dimmers

DMR.732, DMR.733, DMR.734, DMR.735, DMR.736

### Economic solution for controlling:

- Dimmable LEDs 230V
- Dimmable CFLs
- Dimmable Electronic transformers

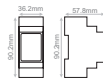
### Features

- Supports "Aller Retour" between Push Button(s) & 1/10V or Wireless or DMX-512 or DALI (except DMR.736).
- Adjustable minimum level.
- Easily fastened to DIN (EN 60715) RAIL.
- Over temperature protection .

Designed & Manufactured  
by ELECTRON SA



Code	Power Supply	Power Output	Output Current	Dimming Resolution	Dimming Method	Output Channels	Control
DMR.732	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	1-10V, Push Button(s)
DMR.733	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*, Push Button(s)
DMR.734	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DMX-512, Push Button(s)
DMR.735	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	DALI, Push Button(s)
DMR.736	230VAC / 50Hz	350VA	1.52A rms	20000 steps	Trailing Edge	1	Wireless*



### Range



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

\* Range is highly dependent on the surrounding and obstacles, such as walls and building materials.  
\*\*150m\* range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.



### Compatible devices:

iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:



## ANALOGUE to DMX MERGER Converter

- Converts nine analogue signal inputs (0/10VDC) into the digital DMX-512 signal
- Ideal for installations with Instabus (KNX/EB) protocols

Code	Model	Analogue Inputs	Analogue Input Voltage	Input Impedance	DMX-512/1990 Input	DMX-512/1990 Output	Merge of Analogue & Digital Input Data	Supply Voltage	Power Consumption
DEM.001	A102DM	9	0/+10VDC	50KΩ (min.)	YES	YES		12-24VDC	0.7W

Envir. Temperature: -5°C to 40°C

Lighting Management, Power Supplies & Controllers



Designed & Manufactured by ELECTRON SA



## DMX TO 1-10V & DMX TO 0-10V Converters

Code	Model	Input Signal	Output Channels	Output Signal	Supply Voltage	Power Consumption	Description
DEM.004	DM2110	DMX-512/1990	4	1/10V sink current	24VDC	2.5W	Converts the DMX signal to 4x1...10V sink current (output per channel 20mA)
DEM.005	DM2010	DMX-512/1990	4	0/10VDC	24VDC	2.5W	Converts the DMX signal to 4x0...10V analogue outputs (output per channel 4mA)

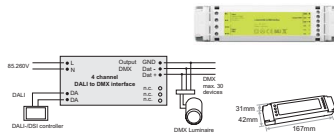


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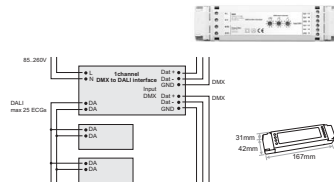
## 4ch DALI / DSI to DMX Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.156	85-260VAC	50-60Hz	DALI / DSI	DMX512   4



## 1ch DMX to DALI Interface

Code	Supply Voltage	Input Signal	Output Signal	No Of control channels
DEM.181	85-260VAC	50-60Hz	DMX512	DALI   1



Lighting Management, Power Supplies & Controllers

## PIR MOTION DETECTOR

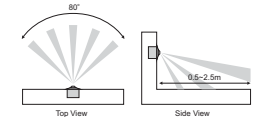
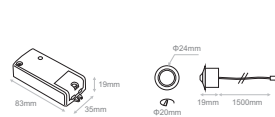
- Smart isolated PIR Sensor Switch Controller, with detachable PIR sensor detector (1.5m cable).
- The controller will turn on the switch output when it detects motion. And turn off automatically after the adjustable delay.
- Wide range operation input voltage from 100VAC to 240VAC.
- Stand by consumption <0.5W
- Detection range: 0.5-2.5m
- Detection angle: 80°
- Delay time: 10-30sec
- PIR Sensor available in white colour as standard. Black colour available upon request.
- Operating temperature range: -20° to +50°C
- Indoor use



Code	Model	Input Voltage	Delay Time	Detection Angle
SNR.006	PIR Motion Detector	AC100V~240V, 50/60Hz	10sec~3min	80°

Max. Lighting load:

Range voltage	Types of load				
	Incandescent lamp/HV-halogen lamp	Electronic ballast	Inductance ballast	Electronic transformer	LED driver
AC 100V, 50/60Hz	250VA	80VA	60VA	250VA	80VA
AC 240V, 50/60Hz	250VA	150VA	100VA	250VA	150VA



# Bluetooth Xpress Wireless Interface

Lighting Management, Power Supplies & Controllers 

## Bluetooth

Xpress is a wireless user interface that brings huge flexibility to interior design as furniture can be replaced or even walls can be rebuilt without having to take wiring of switches or switch placement into account. The switch can be kept wherever the user needs it and it gives direct access to all the important Casambi lighting control functionalities.



Code	Colour	Range	Battery (incl.)	Battery Lifetime	Dimensions
CDS.191	White	up to 60m in open air	CR2430 Lithium coin cell	2-5 years, depending on usage	90x90x12mm
CDS.192	Black				

Xpress is equipped with magnets for easy attachment to a mounting bracket. The mounting bracket is included.



- ◆ Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.
- ◆ Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.



**Range** CASAMBI

Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

\* Range is highly depended on the surrounding and obstacles, such as walls and building materials.  
\*\*150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.

**Compatible devices:**

iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:  



 Lighting Management, Power Supplies & Controllers

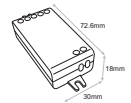
# Bluetooth 4ch PWM Dimmer

## Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED loads
- Ideal partner for RGBW and tunable white (TW) applications.



Code	Supply Voltage	Output Voltage	Max. Output Power	Max. Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.195	12-24VDC 6A Max. input current	12-24VDC same as input voltage	144W @ 24VDC 72W @ 12VDC	6A can be freely divided between the channels	Casambi app, Bluetooth 4.0 protocol	PWM	72.6x30x18mm	IP20



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app available on:  



# Bluetooth 4ch PWM Dimmer

Lighting Management, Power Supplies & Controllers

## Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, four channel PWM dimmer for constant voltage LED modules.
- Ideal partner for RGBW and tunable white (TW) applications.
- Suitable for TV studios.

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by ELECTRON SA



Code	Supply Voltage	Output Voltage	Max. Output Power	Total Output Current	Control	Dimming Method	Dimensions	IP Rate
DEM.214	12-48VDC 10A Max. input current	12-48VDC same as input voltage	480W @ 48VDC 240W @ 24VDC 120W @ 12VDC	10A can be freely divided between the channels or loaded in one channel	Casambi app, Bluetooth 4.0 protocol	PWM (1,95kHz)	70,4x35,5x22mm	IP20
DEM.226	12-48VDC 8A Max. input current	12-48VDC same as input voltage	384W @ 48VDC 192W @ 24VDC 96W @ 12VDC	8A can be freely divided between the channels or loaded in one channel	Casambi app, Bluetooth 4.0 protocol	PWM (3,9kHz)	70,4x35,5x22mm	IP20



- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

## Range



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

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Android 4.4 KitKat or later devices with full BT 4.0 support



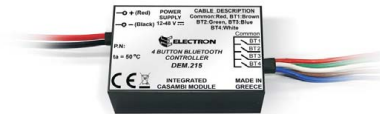
Lighting Management, Power Supplies & Controllers

# Bluetooth 4 Push Button Controller

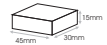
## Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Direct access to all the important Casambi lighting control functionalities.
- Flexibility to interior design & communication between casambi's devices.
- Small size. Can be placed inside wall mount push button boxes.

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by ELECTRON SA



Code	Supply Voltage	Push Button No.	Control	Dimensions	IP Rate
DEM.215	12-48VDC	4	Casambi app, Bluetooth 4.0 protocol	45x30x15mm	IP40



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## Range



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

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Compatible devices:  
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Android 4.4 KitKat or later devices with full BT 4.0 support



# Bluetooth TRAILING EDGE Dimmer

Lighting Management, Power Supplies & Controllers

## Bluetooth

- Controlled with Casambi app, as well as with traditional wall switches. The Casambi app can be downloaded from Apple App Store and Google Play Store.
- Bluetooth trailing-edge dimmer for controlling incandescent lamps, dimmable LED lamps and dimmable LED control gear.



Code	Supply Voltage	Max Output Power	Max Output Current	Control	Dimensions	IP Rate
DEM.191	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0,65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.219	85-240VAC 50-60Hz 0,65A Max. mains current	150W / 230VAC 70W / 110VAC	0,65A	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20

## Load Suitability

Type of load	Max. load
Incandescent and high voltage halogens (R)	150 W
High quality dimmable LED bulbs (C) 1)	50 W
High quality dimmable CFL bulbs (C) 1)	50 W
Trailing edge dimmable LED drivers (C) 1) 2)	50 W
Low voltage halogens with electronic transformers (C) 1) 2)	50W
High voltage AC LED modules (R) 3)	150W
luminescent lamps, non-dimmable LED and CFL bulbs (C)	Not allowed
Wire wound transformers, electric motors and other inductive loads (I)	Not allowed



Never connect inductive loads, such as iron core transformers. This could cause permanent damage to the dimmer. Do not mix different types of loads.

- Dimming quality depends solely on the load electronics. Do not connect more than two LED or CFL bulbs to one CBU-TED. Do not mix different types of bulbs or loads.
- Do not connect more than two electronic transformers to one CBU-TED.
- Some LED modules may flicker at low dimming levels.

- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.
- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

## Range

CASAMBI



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### Compatible devices:

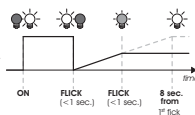
iPhone iOS 10.0 or later, iPad/iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:



## Dimming without app

- Turn lights on from a wall switch.
- Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
- Flick the switch again at desired dim level. The selected level is saved automatically.
- If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
- Flicking the switch can also be used to switch between predefined scenes.



Lighting Management, Power Supplies & Controllers

# Bluetooth to 0-10V, 1-10V or DALI Control Unit

## Bluetooth

- Controlled with Casambi app, as well as with traditional wall switches. The Casambi app can be downloaded from Apple App Store and Google Play Store.
- 0-10V (and 1-10V) or digital Standalone DALI control interface.
- Standalone DALI makes it possible to implement multi-channel lighting systems with adjustable color (RGB and RGBW) or color temperature (CCT), while keeping the wiring and number of components at their minimum.

Code	Supply Voltage	Output Voltage*	Signal Output**	Control	Dimensions	IP Rate
DEM.192	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20
DEM.222	220-240VAC 50Hz 0,6A Max. mains current	220-240VAC 50Hz	0-10VDC or DALI 9-12VDC	Casambi app. Bluetooth 4.0 protocol	56.5x35.8x22.3mm	IP20

\*For External Relay use only  
\*\* Max. number of drivers connected: 1pc



- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.
- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

## Range

CASAMBI



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.  
\* Range is highly depended on the surrounding and obstacles, such as walls and building materials.  
\*\*150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.



### Compatible devices:

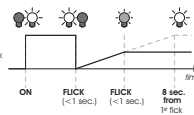
iPhone iOS 10.0 or later, iPad/iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support

app available on:



## Dimming without app

- Turn lights on from a wall switch.
- Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
- Flick the switch again at desired dim level. The selected level is saved automatically.
- If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
- Flicking the switch can also be used to switch between predefined scenes.



## Bluetooth to DALI Control Unit

Lighting Management, Power Supplies & Controllers 

### Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 25 DALI drivers.
- Bluetooth controller must not be connected to DALI lines that are already supplied by a DALI power supply.
- One independent and mains operated push button input.



Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.227	220-240VAC 50/60Hz	50mA	DALI (compatible) 4ch single/group addresses	Casambi app. Bluetooth 4.0 protocol	119x30x21mm	IP20

ACC.994  
Optional  
Straight relief set accessory



### Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integrated DALI power supply that allows to control a maximum of 50 DALI drivers.

Code	Supply Voltage	Output Current	Signal Output	Control	Dimensions	IP Rate
DEM.225	220-240VAC 50/60Hz	100mA	DALI	Casambi app. Bluetooth 4.0 protocol	38x38x26mm	IP44



- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 127 units form automatically an intelligent mesh network.
- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

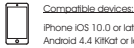
### Range

CASAMBI



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

\* Range is highly depended on the surrounding and obstacles, such as walls and building materials.  
\*\*150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.



Compatible devices:

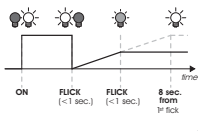
iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support

also available on:



### Dimming without app

- Turn lights on from a wall switch.
- Quickly flick the wall switch off (max. 1 sec.) and back on. The light level starts to increase gradually.
- Flck the switch again or dipswitch it. The selected level is saved automatically.
- If the second flick is not done within 8 sec. the light intensity reaches its maximum level.
- Flicking the switch can also be used to switch between predefined settings.



Lighting Management, Power Supplies & Controllers 

## Bluetooth 1ch Relay Switch With Inrush Current Limiter (ICL)

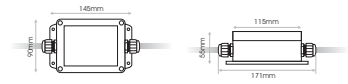
### Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 1ch Relay switch with built-in inrush current limiter.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out HD7RN-F rubber cables (3 x 1.5mm<sup>2</sup>).
- Maximum connected capacity 2000µF.
- Inrush limiting time: 350ms (+/- 50ms).
- Inrush limiting cycles: 3cycles/minute.
- Continuous current up to 10A.
- Operating temperature: -25...+50°C.



Designed & Manufactured  
by ELECTRON SA

Code	Supply Voltage	Peak Current Limitation	RMS Current Limitation	Max. Continuous Current	Max. Continuous Power	Control	Dimensions	IP Rate
DEM.216	220-240VAC / 50Hz	16A	10A	10A rms.	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x55mm	IP65



- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
- Casambi products, should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

### Range

CASAMBI



Casambi uses mesh network technology so each Casambi product acts also as a repeater. Longer ranges can be achieved by using multiple Casambi units.

\* Range is highly depended on the surrounding and obstacles, such as walls and building materials.  
\*\*150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.



Compatible devices:

iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support

also available on:



## Bluetooth 2ch Relay Switch

Lighting Management, Power Supplies & Controllers

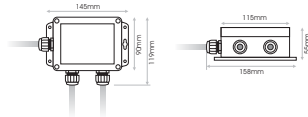
### Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Bluetooth controllable, 2ch Relay switch.
- Ideal for outdoor use.
- Material: Polycarbonate (pc) housing.
- In/Out H07RN-F rubber cables (3 x 1.5mm<sup>2</sup>).
- Total current up to 10A (both channels driven).
- Operating Temperature: -25...+50C°.



Designed & Manufactured  
by ELECTRON SA

Code	Supply Voltage	Number of Channels	Max. Current	Max. Power	Control	Dimensions	IP Rate
DEM.231	220-240VAC / 50Hz	2ch	Total capacity 10A rms (Both channels driven)	2400W	Casambi app. Bluetooth 4.0 protocol	115x90x65mm	IP65



- Different Casambi enabled products can be used from a simple one luminaire direct control to a complete and full featured light control system where up to 250 units form automatically an intelligent mesh network.
- Casambi products should not be placed in a metal enclosure or next to large metal structures. Metal will effectively block all radio signals which are crucial to the operation of the product.

### Range



Casambi uses mesh network technology so each Casambi product acts also as a repeater.  
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\*\*150m range can only be achieved between Casambi devices in evolution networks operating in long range mode in open air.

Compatible devices:  
iPhone iOS 10.0 or later, iPad iPadOS 10.0 or later, Mac macOS 11.0 or later  
Android 4.4 KitKat or later devices with full BT 4.0 support



CASAMBI

Lighting Management, Power Supplies & Controllers

## Bluetooth Dali interface Control Unit

### Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Integration of Bluetooth Casambi control to BMS, KNX, and smart automation systems.
- Powered directly from a DALI bus
- Can be used with a DALI sensor for presence detection or daylight harvesting

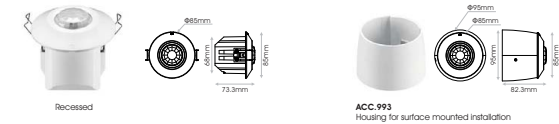
Code	Supply Voltage	Signal Current DALI	Control	Dimensions	IP Rate
DEM.218	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20
DEM.229	9.5-22.5VDC	250mA max.	Casambi app. Bluetooth 4.0 protocol	40.4x36.3x14mm	IP20



### Bluetooth

- Controlled with Casambi app which can be downloaded free of charge from Apple App Store and Google Play Store.
- Ambient light control and presence detection.
- Detection range mounted at height of 3 meters Φ 8meters.
- Detection angle 53°.
- Light measurement at sensor head 1-2000lx (+/- 20%).

Code	Supply Voltage	Mounting Height	Control	Dimensions	IP Rate
SNR.000	220-240VAC 50/60Hz	4m max.	Casambi app. Bluetooth 4.0 protocol	Recessed Φ85x7.3mm Surface mounted Φ85x7.3mm	IP20



## Bluetooth Sensor





Akasha Beach Hotel & Spa  
(Heraklion Crete / Greece)  
Architects: schema 4 architects  
Photos: Manos Elchertz

**AWARDS:**  
BIGSEE Interior Design AWARD 2022 Winner



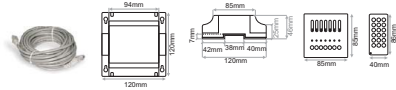
## 6 ch DMX Controller with IR Remote Control

Lighting Management, Power Supplies & Controllers



- LED dimmers / controllers

Code	Supply Voltage	Output	Dimming Control	Scenes	Remote Control	Fade	Signal Power Distribution Box
CDS.216	230VAC	6 channel DMX-512	6 channel fades and master fader	6 programmable scenes of up to 100 steps per scene	IR	Assignable setting separately and master control	Is included as power supply and DMX signal converter



## 4 ch RGBW Touch DMX and PWM 12/24V Output LED Dimmer / Controller

- LED dimmers / controllers
- Memory retained upon power failure.



Code	Supply Voltage	Nr. of Channels	Output1	Output2	Output Power	Dimming Control	Menus	Store/ Playback
CDS.221	12-24VDC	4	DMX-512	Depending on the power supply 0...12V - 0...24V	24W/ch (12V) total 72W (12V) or 48W/ch (24V) total 144W (24V)	Touch switches	Four function	4 scenes and 4 colours



## 3 ch DMX Output CHAMELEON controllers CONSTANT VOLTAGE

- The most flexible and user friendly series of architectural controllers.
- Ideal for creating scenes and controlling the light in architectural applications.
- Intelligent control solutions for RGB, AW, AWB, Monochromatic LEDs.

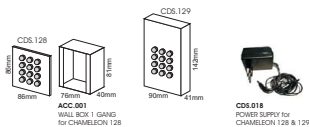
Designed & Manufactured by ELECTRON SA



Code	Description	Scenes	Op.Volt.	Current	Output Channels	Output Digital DMX-512	Dimensions
CDS.128	CHAMELEON 128 WALLFLASH MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	86x86x28mm
CDS.129	CHAMELEON 129 DESKTOP/WALL MOUNTED	5+1	12-15VDC	40mA	3DMX	YES	142x41x90mm

### TECHNICAL SPECIFICATIONS

- DMX-512 output.
- Dynamic colour environment from a template of 16.7 million colours.
- Save of colours for future use.
- Decrease or increase of the intensity of light (dimmer).
- Ability to activate automatic factory programs (six preset sequences).
- Capability of changing the time that each colour is on (step time).
- Selection of the time of change from one colour to another (fade time).



Lighting Management, Power Supplies & Controllers

## INRUSH CURRENT LIMITER 300ms / 230VAC

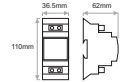
INRUSH CURRENT LIMITER 300ms / 230VAC / 16A

Code	Model
DEM.193	INRUSH CURRENT LIMITER 300ms / 230VAC / 16A



INRUSH CURRENT LIMITER LED 300ms / 230VAC / 48A peak

Code	Model
DEM.194	INRUSH CURRENT LIMITER LED 300ms / 230VAC / 48A peak

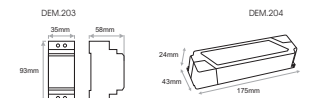


## INRUSH CURRENT LIMITER 300ms / 180-264VAC / 23A peak / 16A


INRUSH CURRENT LIMITER LED 300ms / 180-264VAC / 23A peak / 16A

- Overheating, Overload protection.

Code	Relay Limiting Time	Supply Voltage	Inrush Current Limiting	AC Continuous Rated Current
DEM.203	300ms	180-264VAC	23A peak	16A
DEM.204	300ms	180-264VAC	23A peak	16A



## EMERGENCY LIGHT KIT for CONSTANT VOLTAGE or CONSTANT CURRENT LED

Lighting Management, Power Supplies & Controllers 

- Instant emergency operation of mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers or dimmable electronic drivers).
- Multi-power dimmable version DIP-SWITCH, constant current or constant voltage to power LED to LED modules.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Self diagnosis system with internal module, optional.
- Reference Norms: EN55015, EN6100-3-2, EN61347-2-13, EN61347-2-7, EN61547.
- Lamps: Power LEDs, LED modules.



Code	Voltage	Frequency	Battery V-Ah	ta °C	tc °C	Charge Time
EKT001	220-240V	50...60Hz	7.2V-4Ah	0 + 55	75	24h

### Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 35mA max.
- Terminal blocks max. connection size: 1.5mm<sup>2</sup>
- Max distance between driver and lamp: 2 meters.

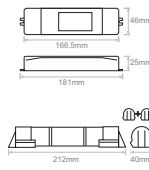
### Battery:

- **Rechargeable high temperature Ni-Cd Soft batteries.**
- These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +55°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).

DIP-SWITCH position	Working voltage in an emergency (V)	Output current in an emergency (I)	n° max. power of LED current	Power max. for LED modules voltage
A	12V const.	200mA ± 10%	N <sub>LED</sub> = 12/V <sub>E</sub>	24W
B	24V const.	160mA ± 10%	N <sub>LED</sub> = 24/V <sub>E</sub>	30W
C	46V const.	60mA ± 10%	N <sub>LED</sub> = 46/V <sub>E</sub>	50W
D	9-58V	200-30mA	N <sub>LED</sub> = 58/V <sub>E</sub>	-

### DIP-SWITCH positions example:

- A** position, can connect 3 LED with V<sub>E</sub> 3.5V or 1 LED V<sub>E</sub> 10V, or a strip LED 12V-24V max.
- B** position, can connect 6 LED with V<sub>E</sub> 3.7V or 2 LED V<sub>E</sub> 10V, or a strip LED 24V-30V max.
- C** position, can connect 12 LED with V<sub>E</sub> 3.7V or 4 LED V<sub>E</sub> 10V.
- D** position, can connect 18 LED with V<sub>E</sub> 3.2V or 3 LED V<sub>E</sub> 17V.



Lighting Management, Power Supplies & Controllers 

## EMERGENCY LIGHT KIT for 12V LED Lamps with Lamp Holder GU5.3

- Instant emergency operation of mains failure.
- Maintained or not maintained operation.
- Suitable for LED lamps 12V.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 12V / GU5.3.



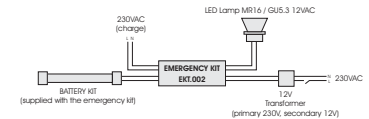
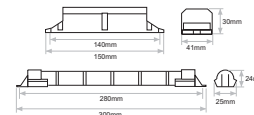
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT002	220-240V	50...60Hz	3-7W	7.2V-1.6Ah	80/100%	0 + 50	70	170gr	24h

### Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 9mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm<sup>2</sup>
- Max distance between driver and lamp: 2 meters.

### Battery:

- **Rechargeable high temperature Ni-Cd Soft batteries.**
- These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50°C) such as security lighting equipment.
- Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5°C to +25°C in a 65% ±5% relative humidity atmosphere).



## EMERGENCY LIGHT KIT for 230V LED Lamps with Lamp Holder GU10

- Instant emergency operation at mains failure.
- Maintained or not maintained operation (maintained operation suitable with electronic drivers and dimmable electronic drivers).
- Suitable for LED lamps 230V - 0/50Hz.
- High efficiency, minimum heat dispersion and absolute reliability.
- "High temperature" Ni-Cd batteries.
- Charge indicator with LED.
- Protection device against extensive discharge.
- "Rest mode" facility with remote control device.
- Reference Norms: EN 61347-2-7.
- Lamps: LED lamps 230V / GU10.



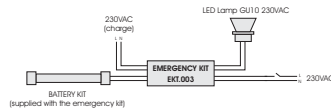
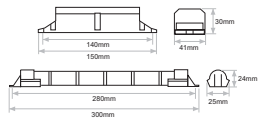
Code	Voltage	Frequency	Power W	Battery V-Ah	Flux %	ta °C	tc °C	Weight	Charge Time
EKT003	220-240V	50...60Hz	3-6.5W	7.2V-1.6Ah	80/100%	0 +60	80	170gr	24h

### Technical Data:

- Length battery cable: 280mm.
- Length LED cable: 350mm.
- Led mounting hole: 8.8mm.
- Supply current: 20mA max.
- Push-wire connections max. size: 1.5mm<sup>2</sup>
- Max distance between driver and lamp: 2 meters.

### Battery:

- **Rechargeable high temperature Ni-Cd Self batteries.**
  - These cells accept a permanent charge for a minimum of 4 years in high-temperature environments (up to +50°C) such as security lighting equipment.
  - Constant current during charge.
- Zero maintenance.
- Long cycle life (over 500 charge/discharge cycles).
- Long term storage (up to 4 months in normal conditions: temperature range from +5°C to +25°C in a 65% ±5% relative humidity atmosphere).



Lighting Management, Power Supplies & Controllers



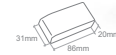
Lighting Management, Power Supplies & Controllers



## DIMMABLE ELECTRONIC TRANSFORMER

- Dimmable with trailing or leading edge dimmers.
- Short circuit protection.

Code	Power Supply	Output Voltage	Max. Watt
TRF.002	230VAC	12VAC	60W



## CABLES / CONNECTORS

### 3P XLR PREFAB CABLE SPIN MALE TO 3PIN FEMALE XLR (MIC/DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.019	3P XLR 150	XLRM / XLRF	150cm	6mm	Black
WIR.020	3P XLR 300	XLRM / XLRF	300cm	6mm	Black
WIR.021	3P XLR 600	XLRM / XLRF	600cm	6mm	Black
WIR.022	3P XLR 900	XLRM / XLRF	900cm	6mm	Black



### 5P XLR PREFAB CABLE SPIN MALE TO SPIN FEMALE XLR CABLE (DMX)

Code	Model	Connectors	Length	Diameter	Colour
WIR.005	5P XLR 150	5P XLRM / 5M XLRF	150cm	6.8mm	Black
WIR.001	5P XLR 300	5P XLRM / 5M XLRF	300cm	6.8mm	Black
WIR.002	5P XLR 600	5P XLRM / 5M XLRF	600cm	6.8mm	Black
WIR.003	5P XLR 900	5P XLRM / 5M XLRF	900cm	6.8mm	Black



### XLR CONNECTORS

#### 3P/5P MALE & FEMALE XLR CONNECTORS

Code	Model	Connectors
100.003	3P XLRF	3PIN XLR FEMALE
100.002	3P XLRM	3PIN XLR MALE
100.011	5P XLRF	5PIN XLR FEMALE
100.010	5P XLRM	5PIN XLR MALE



### WIR.405 DMX CABLE ON SPOOL 100M

Code	Spool	Colour	Diameter
WIR.405	100m	Black	6mm



Extension cables for junction boxes with connectors IP68

Code	Description
<b>WIR.500</b>	2 pole 100cm extension cable 2x13A / IP68
<b>WIR.501</b>	2 pole 200cm extension cable 2x13A / IP68
<b>WIR.502</b>	2 pole 300cm extension cable 2x13A / IP68
<b>WIR.503</b>	2 pole 500cm extension cable 2x13A / IP68
<b>WIR.504</b>	4 pole 100cm extension cable 1x6,6A + 3x2,5A / IP68
<b>WIR.505</b>	4 pole 200cm extension cable 1x6,6A + 3x2,5A / IP68
<b>WIR.506</b>	4 pole 300cm extension cable 1x6,6A + 3x2,5A / IP68
<b>WIR.507</b>	4 pole 500cm extension cable 1x6,6A + 3x2,5A / IP68
<b>WIR.512</b>	5 pole 100cm extension cable 1x6,6A + 4x2A / IP68
<b>WIR.513</b>	5 pole 200cm extension cable 1x6,6A + 4x2A / IP68
<b>WIR.514</b>	5 pole 300cm extension cable 1x6,6A + 4x2A / IP68
<b>WIR.515</b>	5 pole 500cm extension cable 1x6,6A + 4x2A / IP68
<b>WIR.508</b>	7 pole 100cm extension cable 7x5A / IP68
<b>WIR.509</b>	7 pole 200cm extension cable 7x5A / IP68
<b>WIR.510</b>	7 pole 300cm extension cable 7x5A / IP68
<b>WIR.511</b>	7 pole 500cm extension cable 7x5A / IP68

Code	Description
<b>WIR.520</b>	2 pole 100cm extension cable 2x30A / IP68
<b>WIR.521</b>	2 pole 200cm extension cable 2x30A / IP68
<b>WIR.522</b>	2 pole 300cm extension cable 2x30A / IP68
<b>WIR.523</b>	2 pole 500cm extension cable 2x30A / IP68
<b>WIR.524</b>	4 pole 100cm extension cable 1x30A + 3x10A / IP68
<b>WIR.525</b>	4 pole 200cm extension cable 1x30A + 3x10A / IP68
<b>WIR.526</b>	4 pole 300cm extension cable 1x30A + 3x10A / IP68
<b>WIR.527</b>	4 pole 500cm extension cable 1x30A + 3x10A / IP68
<b>WIR.532</b>	5 pole 100cm extension cable 1x30A + 4x8A / IP68
<b>WIR.533</b>	5 pole 200cm extension cable 1x30A + 4x8A / IP68
<b>WIR.534</b>	5 pole 300cm extension cable 1x30A + 4x8A / IP68
<b>WIR.535</b>	5 pole 500cm extension cable 1x30A + 4x8A / IP68
<b>WIR.528</b>	7 pole 100cm extension cable 7x13A / IP68
<b>WIR.529</b>	7 pole 200cm extension cable 7x13A / IP68
<b>WIR.530</b>	7 pole 300cm extension cable 7x13A / IP68
<b>WIR.531</b>	7 pole 500cm extension cable 7x13A / IP68



The above extension cables are used for junction boxes only. For all other lighting fixtures, extension cables are available on request.

Connectors for cables IP68

Code	Description
<b>CNC.006</b>	2 pole male connector 13A per pole/ IP68
<b>CNC.007</b>	2 pole female connector 13A per pole/ IP68
<b>CNC.008</b>	In-line 2 pole male connector 13A per pole/ IP68
<b>CNC.009</b>	In-line 2 pole female connector 13A per pole/ IP68
<b>CNC.010</b>	4 pole male connector 5A per pole/ IP68
<b>CNC.011</b>	4 pole female connector 5A per pole/ IP68
<b>CNC.012</b>	In-line 4 pole male connector 5A per pole/ IP68
<b>CNC.013</b>	In-line 4 pole female connector 5A per pole/ IP68
<b>CNC.052</b>	5 pole male connector 5A per pole/ IP68
<b>CNC.079</b>	5 pole female connector 5A per pole/ IP68
<b>CNC.080</b>	In-line 5 pole male connector 5A per pole/ IP68
<b>CNC.053</b>	In-line 5 pole female connector 5A per pole/ IP68
<b>CNC.014</b>	7 pole male connector 5A per pole/ IP68
<b>CNC.015</b>	7 pole female connector 5A per pole/ IP68
<b>CNC.016</b>	In-line 7 pole male connector 5A per pole/ IP68
<b>CNC.017</b>	In-line 7 pole female connector 5A per pole/ IP68

Code	Description
<b>CNC.026</b>	2 pole male connector 30A per pole/ IP68
<b>CNC.027</b>	2 pole female connector 30A per pole/ IP68
<b>CNC.028</b>	In-line 2 pole male connector 30A per pole/ IP68
<b>CNC.029</b>	In-line 2 pole female connector 30A per pole/ IP68
<b>CNC.030</b>	4 pole male connector 30A per pole/ IP68
<b>CNC.031</b>	4 pole female connector 30A per pole/ IP68
<b>CNC.032</b>	In-line 4 pole male connector 30A per pole/ IP68
<b>CNC.033</b>	In-line 4 pole female connector 30A per pole/ IP68
<b>CNC.081</b>	5 pole male connector 30A per pole/ IP68
<b>CNC.082</b>	5 pole female connector 30A per pole/ IP68
<b>CNC.083</b>	In-line 5 pole male connector 30A per pole/ IP68
<b>CNC.084</b>	In-line 5 pole female connector 30A per pole/ IP68
<b>CNC.034</b>	7 pole male connector 15A per pole/ IP68
<b>CNC.035</b>	7 pole female connector 15A per pole/ IP68
<b>CNC.036</b>	In-line 7 pole male connector 15A per pole/ IP68
<b>CNC.037</b>	In-line 7 pole female connector 15A per pole/ IP68



Chassis connectors IP68

Code	Description
<b>CNC.000</b>	Chassis 2 pole male 13A per pole / IP68
<b>CNC.001</b>	Chassis 2 pole female 13A per pole / IP68
<b>CNC.002</b>	Chassis 4 pole male 5A per pole / IP68
<b>CNC.003</b>	Chassis 4 pole female 5A per pole / IP68
<b>CNC.075</b>	Chassis 5 pole male 5A per pole / IP68
<b>CNC.076</b>	Chassis 5 pole female 5A per pole / IP68
<b>CNC.004</b>	Chassis 7 pole male 5A per pole / IP68
<b>CNC.005</b>	Chassis 7 pole female 5A per pole / IP68

Code	Description
<b>CNC.020</b>	Chassis 2 pole male 30A per pole / IP68
<b>CNC.021</b>	Chassis 2 pole female 30A per pole / IP68
<b>CNC.022</b>	Chassis 4 pole male 30A per pole / IP68
<b>CNC.023</b>	Chassis 4 pole female 30A per pole / IP68
<b>CNC.077</b>	Chassis 5 pole male 30A per pole / IP68
<b>CNC.078</b>	Chassis 5 pole female 30A per pole / IP68
<b>CNC.024</b>	Chassis 7 pole male 15A per pole / IP68
<b>CNC.025</b>	Chassis 7 pole female 15A per pole / IP68



T-Connect junction boxes IP68 (1 input + 2 outputs)

Code	Description	Code	Description
<b>CNC.040</b>	T-connect 2p Junction box, 13A, IP68	<b>CNC.045</b>	T-connect 2p Junction box, 30A, IP68
<b>CNC.041</b>	T-connect 4p Junction box, 5A, IP68	<b>CNC.046</b>	T-connect 4p Junction box, 30A, IP68
<b>CNC.073</b>	T-connect 5p Junction box, 5A, IP68	<b>CNC.074</b>	T-connect 5p Junction box, 30A, IP68
<b>CNC.042</b>	T-connect 7p Junction box, 5A, IP68	<b>CNC.047</b>	T-connect 7p Junction box, 15A, IP68



X-Connect junction boxes IP68 (1 input + 3 outputs)

Code	Description	Code	Description
<b>CNC.048</b>	X-connect 2p Junction box, 13A, IP68	<b>CNC.068</b>	X-connect 2p Junction box, 30A, IP68
<b>CNC.064</b>	X-connect 3p Junction box, 13A, IP68	<b>CNC.069</b>	X-connect 3p Junction box, 30A, IP68
<b>CNC.065</b>	X-connect 4p Junction box, 5A, IP68	<b>CNC.070</b>	X-connect 4p Junction box, 30A, IP68
<b>CNC.066</b>	X-connect 5p Junction box, 5A, IP68	<b>CNC.071</b>	X-connect 5p Junction box, 30A, IP68
<b>CNC.067</b>	X-connect 7p Junction box, 5A, IP68	<b>CNC.072</b>	X-connect 7p Junction box, 15A, IP68



T-Connect mini junction boxes IP65 on request

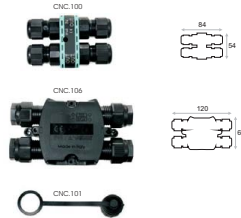
Description	Description
T-connect 2p Mini Junction box, 13A/4A, IP65	T-connect 2p Mini Junction box, 30A/4A, IP65
T-connect 3p Mini Junction box, 13A/4A, IP65	T-connect 3p Mini Junction box, 30A/4A, IP65
T-connect 4p Mini Junction box, 6.6A/4A, IP65	T-connect 4p Mini Junction box, 30A/4A, IP65
T-connect 5p Mini Junction box, 6.6A/4A, IP65	T-connect 5p Mini Junction box, 30A/4A, IP65

The above mini junction boxes are provided with female mini connector and 40cm cable.

## IP68 CONNECTORS

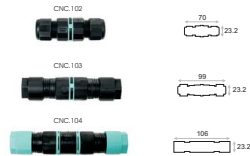
### H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
CNC.100	H-connect 4p Junction, 17.5A, IP68	7-12mm
CNC.106	H-connect 5p Junction, 16A, IP68	7-14mm
CNC.101	End cap with rubber holder for CNC.100	



### Connectors for cables IP68

Code	Description	Cable diameter
CNC.102	4 pole connector 32A per pole/ IP68	7-12mm
CNC.103	4 pole connector 32A per pole/ IP68	7-13.5mm
CNC.104	4 pole connector 17.5A per pole/ IP68	7-13.5mm



## IP68 MICRO CONNECTORS

### 2 pole connectors 10A per pole IP68

Code	Description	Cable diameter
CNC.107	2 pole connector female 10A per pole/ IP68	5.8-6.9mm
CNC.108	2 pole connector male 10A per pole/ IP68	5.8-6.9mm



## IP65 JUNCTION BOX

### T-Connect junction box IP65 (1 input + 2 outputs)

Code	Description	Cable diameter
CNC.105	T-connect 4p Junction, 24A, IP65	8-17.5mm



## IP68 CONNECTORS WITH SEALING GEL

### Connectors for cables IP68

Code	Description	Cable diameter
GEL001	2 pole connector 6A per pole/ IP68	4.8-6mm
GEL002	2 pole connector 10A per pole/ IP68	5.5-10mm



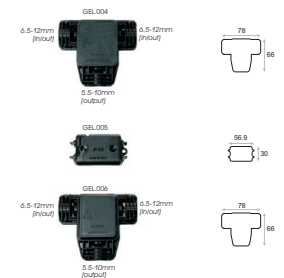
### H-Connect junction IP68 (1 input + 3 outputs)

Code	Description	Cable diameter
GEL003	H-connect 3p Junction, 16A, IP68	6.5-12mm



### Connectors for cables IP68

Code	Description	Cable diameter
GEL004	T-connect 3p Junction, 16A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)
GEL005	T-connect 2p Junction, 6A, IP68	5.5-9mm
GEL006	T-connect 5p Junction, 10A, IP68	6.5-12mm (in/out) / 5.5-10mm (output)



## EXTENSION CABLES & SPLITTERS

Lighting Management, Power Supplies & Controllers 



### 2 pole extension cables & splitters

- IP protection: IP20

Code	Description
WR.130	Male + Female 2 pole extension cable 12-24V / 6A, 2x0.75mm <sup>2</sup> , IP20, 100cm
WR.131	Male + Female 2 pole extension cable 12-24V / 6A, 2x0.75mm <sup>2</sup> , IP20, 200cm
WR.132	Male + Female 2 pole extension cable 12-24V / 6A, 2x0.75mm <sup>2</sup> , IP20, 500cm



Code	Description
WR.134	Six way, 2 pole splitter for WR.130-131-132 with 100cm cable 12-24V / 10A (max 5A/socket), IP20



Code	Description
WR.135	Two way, 2 pole splitter for WR.130-131-132, 12-24V / 10A (max 5A/socket), IP20



### 4 pole extension cables & splitters

- IP protection: IP20

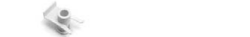
Code	Description
WR.136	Male + Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm <sup>2</sup> , IP20, 100cm
WR.137	Male + Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm <sup>2</sup> , IP20, 200cm
WR.138	Male + Female 4 pole extension cable 12-24V / 6A max, 4x0.34mm <sup>2</sup> , IP20, 500cm



Code	Description
WR.139	Six way, 4 pole splitter for WR.136-137-138 with 100cm cable 12-24V / 6A max



Code	Description
WR.140	Mounting Kit for sockets WR.130-131-132-136-137-138



### 5 pole extension cables IP67

- IP protection: IP67

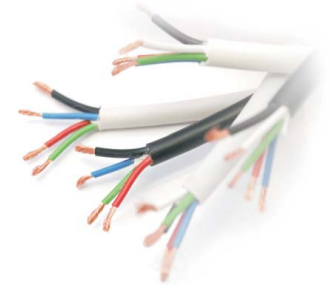
Code	Description
WR.141	Male + Female 5 pole extension cable 12-24V / 2A, 5x0.2mm <sup>2</sup> , IP67, 100cm
WR.142	Male + Female 5 pole extension cable 12-24V / 2A, 5x0.2mm <sup>2</sup> , IP67, 200cm
WR.143	Male + Female 5 pole extension cable 12-24V / 2A, 5x0.2mm <sup>2</sup> , IP67, 500cm



 Lighting Management, Power Supplies & Controllers

## LED CABLES RGB & RGBW

- 4 wire or 5 wire LED supply cable, RGB or RGBW in the corresponding colors and common return with cross section of 1qmm in black colour, to simplify the installation and minimize any mistakes.
- Twisted cores in layers and bending radius 8xO.D. static.



### 4 Wires LED PVC Cables

Code	Description	Cable Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature
WR.110	PVC high flexibility cable 3x0,50mm <sup>2</sup> + 1x1mm <sup>2</sup>	Red / Green / Blue / Black	Black	5.1mm	-20°C to +70°C
WR.111	PVC high flexibility cable 3x0,50mm <sup>2</sup> + 1x1mm <sup>2</sup>	Red / Green / Blue / Black	White	5.1mm	-20°C to +70°C
WR.115	PVC flexible UV resistant cable 3x0,50mm <sup>2</sup> + 1x1mm <sup>2</sup> (suitable for outdoor use)	Red / Green / Blue / Black	Light Grey	5.1mm	-20°C to +70°C



### 5 Wires LED PVC Cables

Code	Description	Cable Colours	Jacket Colour	Outer Diameter	Static Ambient Temperature
WR.112	PVC high flexibility cable 4x0,50mm <sup>2</sup> + 1x1mm <sup>2</sup>	Red / Green / Blue / White / Black	Black	5.9mm	-20°C to +70°C
WR.113	PVC high flexibility cable 4x0,50mm <sup>2</sup> + 1x1mm <sup>2</sup>	Red / Green / Blue / White / Black	White	5.9mm	-20°C to +70°C
WR.114	PVC flexible UV resistant cable 4x0,50mm <sup>2</sup> + 1x1mm <sup>2</sup> (suitable for outdoor use)	Red / Green / Blue / White / Black	Light Grey	5.9mm	-20°C to +70°C



## PREMIUM SERIES TRAILING

Lighting Management, Power Supplies & Controllers 

- ✓ Trailing edge dimmers
- ✓ Leading edge dimmers
- ✓ HF fluorescent controllers
- ✓ Relay switches

  
Designed & Manufactured  
by ELECTRON SA



PREMIUM 79 / 68 / 37 SERIES of multifunctional custom made power controllers NEW power units with Trailing Edge dimmers for:

- LED lamps dimmable with Trailing Edge dimmers
- CFLs and electronic transformers for Trailing Edge dimming
- Designed and manufactured by ELECTRON SA



### PREMIUM 79 Series GO TRAILING!

Available versions:

- Premium 79 with 24 channels x 6A per channel
- Premium 79 with 36 channels x 4A per channel
- Premium 79 with 48 channels x 3A per channel



### PREMIUM 68 Series GO TRAILING!

Available versions:

- Premium 68 with 12 channels x 6A per channel

### PREMIUM 37 Series GO TRAILING!

Available versions:

- Premium 37 with 12 channels x 3A per channel
- Premium 37 with 9 channels x 4A per channel
- Premium 37 with 6 channels x 6A per channel

**Note:** You can have different power units that control different types of loads in the same Premium!  
Thus, one Premium can have Trailing edge dimmers, Leading edge dimmers, HF fluorescent controllers (1/10V) and relay switches, in the same enclosure!

 Lighting Management, Power Supplies & Controllers

## ACTOR BASE TRAILING

  
Designed & Manufactured  
by ELECTRON SA



### NEW ACTOR BASE Trailing Edge dimmer

- Designed and manufactured by ELECTRON SA

### ACTOR Series GO TRAILING!

Actor Base 610 is made with 6 channels 10A per channel and it can now dim:



- LED lamps dimmable with Trailing Edge dimmers
- CFLs and electronic transformers for Trailing Edge dimming

Model	Number of Channels	Channel Capacity (Watts at 230V)	Maximum Current per Channel	Supply Voltage	Dimensions (WxHxD)
ACTOR B610 Trailing Edge	6	2300	10A	400/230V~3/N/PE/ 50Hz	482x88x340mm



## DMX MERGER SPLITTER

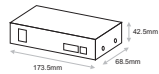
- Can be used for merging information from two separate DMX signals in one.

Code: **DEM.046**

### Features – Technical specifications.

- Two DMX-512 inputs.
- Two optical isolated outputs.
- Optical isolation between two outputs.
- Four operating modes (HTR, LAST, BACKUP, MERGE).
- Dip switches for start address selection.
- Dip switch for DMX signal termination on each input.
- Connection up to 25 devices on each output port.
- Two XLR 5-pin male plugs for DMX input connection.
- Two XLR 5-pin female plugs for DMX output connection.
- Power supply: 230VAC 50/60Hz.
- Power consumption: 2W
- Ambient temperature: -20 / +50°C.

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Lighting Management, Power Supplies & Controllers 

## DMX REPEATER

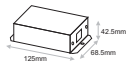
- Can be used for expansion or/and branching of DMX network.

Code: **DEM.045**

### Features – Technical specifications.

- DMX signal amplification.
- Input output optical isolation.
- Input signal termination capability.
- Connection up to 25 devices in output port.
- Capable of up to 5 Repeaters in series connection.
- Power supply: 230VAC 50/60Hz.
- Power consumption: 1,8 W
- Ambient temperature: -20 / +50°C.
- 0,5-2,5mm<sup>2</sup> screw terminals, for DMX input and output cable connection.
- Dimensions: L x W x H: 125mm x 68,5mm x 42,5mm.

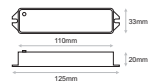
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## DMX512 / RDM WIFI LED Controller

- DMX address set up through Wi-Fi.
- Test DMX fixtures and connections.
- User friendly mobile app.

Code	Power Supply	Output Signal	Operating System	Protocol
<b>PKC.218</b>	5-24VDC	DMX 512 / RDM	ANDROID or IOS	2.4GHz Wi-Fi



CONSTANT  
VOLTAGE



## 5ch DMX/RDM Controller Constant Voltage

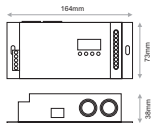
- DMX512/RDM constant voltage LED controller. Communication between DMX control desk and controller (RDM).
- Multiple DMX input/output ports, with RJ45, XLR 5pin and screw terminal.
- Five PWM output channels, common anode.
- PWM output resolution 8Bit-11bit selectable.
- Output PWM frequency from 500Hz up to 30kHz selectable.
- Output dimming curve gamma value from 0,1-9,9 selectable.
- Decoding mode selectable soft patch.
- Digital display to show data. Easy to set and display the DMX address.

**FLICKER FREE** SUITABLE FOR TV STUDIOS



Code*	Description	Supply Voltage	Output Voltage	Ni. of Channels	Channel Power	Output Currents
DEM.185 /CA	DMX/RDM LED controller with 5 outputs 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	5 channels. Can be used as 3 or 4 channel driver	96W at 12V 192W at 24V	5 channels x 8A each channel

\*Note: CA=Common Anode

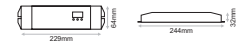


## Constant Voltage LED Drivers **DMX**

## Constant Voltage LED Drivers **DMX**

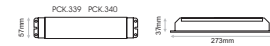
- Overvoltage, Short-circuit protection
- Overheating protection
- 4 Channels 24VDC constant voltage output.
- Logarithmic or Linear dimming
- Variable PWM frequency selection (500Hz..35kHz).

Code	Description	Supply Voltage	Output Voltage	Ni. of Channels	Total Power	Max Output Current	Control	IP
PKC.486	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...24V	100-277VAC 50/60Hz	24VDC	4	75W	3.12A Can be freely divided between the channels	DMX 512 / RDM	IP20



## 4ch DMX-512 / RDM DIMMABLE LED Driver Constant Voltage

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
PKC.339	200-240VAC 50/60Hz	1-12VDC	150W	12.5A (3A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM
PKC.340	200-240VAC 50/60Hz	1-24VDC	150W	6.25A (1.5A per channel common anode)	4 (RGBW)	1-100%	DMX 512 / RDM



## 4ch RGBW DMX Controller Constant Voltage

- RGBW LED controllers

Code*	Description	Supply Voltage	Output Voltage	Ni. of Channels	Output Channel Power	Total Power	Control
DEM.166 /CA	DMX LED Constant Voltage Controller with 4 outputs (RGBW) 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	4	4ch x 60W (12V) or 4ch x 120W (24V)	240W (12V) 480W (24V)	DMX 512

\*Note: CA=Common Anode



## 3ch DMX-DIMMABLE Converters Constant Voltage

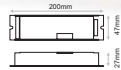
- Lighting solution that creates the result you need.
- For impressive lighting creations.
- Absolute control of the brightness level.
- DMX IN - OUT
- Absolute control through DMX-512.

### New technical features

- Stand alone mode with one of the four preset programs that are available, with selection of fade, rate and dimmer of the output intensity. All functions are selected from the DIP SWITCHES.
- Or selection of a stable colour from the palette of 64 colours, also from the DIP SWITCHES.

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Constant Voltage LED Drivers **CC/CA**



Code	Description	Supply Voltage	Output Voltage	Channel Power	Channel Power/Total Power	Power Consumption of full load
DEM.011/CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...24VDC	24VDC	3x 0...24VDC	48W	144W	147W
DEM.016/CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...24VDC	24VDC	3x 0...24VDC	48W	144W	147W
DEM.010/CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...12VDC	12VDC	3x 0...12VDC	24W	72W	75W
DEM.020/CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...12VDC	12VDC	3x 0...12VDC	24W	72W	75W
DEM.009/CC*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...5VDC	5VDC	3x 0...5VDC	10W	30W	32W
DEM.021/CA*	DMX LED CONTROLLER WITH 3 (RGB) OUTPUTS 0...5VDC	5VDC	3x 0...5VDC	10W	30W	32W

\*Note: CC=Common Cathode CA=Common Anode  
All Power Supplies are available in CC and CA upon request



## 3ch RGB DIMMABLE DMX Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.178/CA	DMX LED CONTROLLER WITH 3 OUTPUTS 0...12V or 0...24V	12VDC or 24VDC	Depending on the supply voltage 0...12V or 0...24V	3	36W (12V) or 72W (24V)	100W at 12V or 210W at 24V	DMX	YES

\*CA = Common Anode

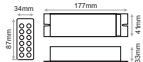


## 3ch RGB DIMMABLE DMX Controller with IR Remote Control Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.120/CA*	DMX LED CONTROLLER WITH 3(RGB) OUTPUTS 0...12V or 0...24V	12-24VDC	Depending on the supply voltage 0...12V or 0...24V	3	26W(12V)	80W(12V)	DMX or IR Remote Control	4 built in programs with speed control and a palette of 7 dimmable colours. All functions are controlled by the IR Remote Control
DEM.121/CC*					50W(24V)	150W(24V)		

\*Note: CC=Common Cathode CA=Common Anode  
All Power Supplies are available in CC and CA upon request



Constant Voltage LED Drivers **CC/CA**

## 1ch DIMMABLE LED Driving Converters Constant Voltage

- Lighting solution that creates the result you need
- Absolute control of brightness level
- Absolute control through DMX-512 and 0-10V or 1-10V or any single push button or double push button (Up/Down).
- HIP AND LAST (ale retour) merging modes between analogue and digital input.
- 2340 step resolution.
- Ta = 0°C to 45°C

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by ELECTRON SA

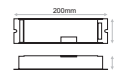
## SUITABLE FOR TV STUDIOS PWM FREQUENCY 2000Hz



ONE CHANNEL DIMMABLE LED DRIVERS - DRIVING CONVERTERS, CONTROL BY DMX, 0/10V or 1/10V or PUSH BUTTONS

Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
DEM.026 (DP+)	12-24VDC	0...12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMXS12, 0-10V or 1-10V or by push-button(s)	DP+
DEM.027 (DP-)	12-24VDC	0...12/24VDC	9A	108W at 12V or 216W at 24V	110W at 12V or 218W at 24V	DMXS12, 0-10V or 1-10V or by push-button(s)	DP-
DEM.028 (DP+)	12-24VDC	0...12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMXS12, 0-10V or 1-10V or by push-button(s)	DP+
DEM.029 (DP-)	12-24VDC	0...12/24VDC	15A	180W at 12V or 360W at 24V	183W at 12V or 363W at 24V	DMXS12, 0-10V or 1-10V or by push-button(s)	DP-
DEM.212 (DP-)	42-48VDC	0...42/48VDC	10A	420W at 42V or 480W at 48V	423W at 42V or 483W at 48V	DMXS12, 0-10V or 1-10V or by push-button(s)	DP-

\*\*DP+ = Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters  
\*\*DP- = Dimming pole - Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters



# DMX to CONSTANT VOLTAGE

## LED Drivers-Converters

Constant Voltage LED Drivers **CK01**

### PWM OUTPUT



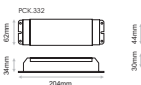
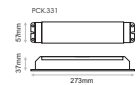
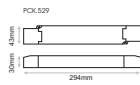
#### 1 Output Channel / 1-24VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>PKC.528</b>	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1	1-100%	DMX 512 / RDM and PUSH
<b>PKC.529</b>	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1	1-100%	DMX 512 / RDM and PUSH
<b>PKC.330</b>	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1	1-100%	DMX 512 / RDM and PUSH



#### 1 Output Channel / 1-12VDC

Code	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>PKC.331</b>	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1	1-100%	DMX 512 / RDM and PUSH
<b>PKC.332</b>	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1	1-100%	DMX 512 / RDM and PUSH
<b>PKC.333</b>	200-240VAC 50/60Hz	1-12VDC	36W	3A	1	1-100%	DMX 512 / RDM and PUSH



**CK02** Constant Voltage LED Drivers

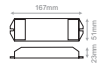
# 4ch (RGBW) LED Driving Booster

## Constant Voltage

- Four channel LED driving Booster (repeater amplifier).
- Operating with PWM control.
- Possible to use in RGBW constant voltage LEDs.
- Common anode configuration.



Code	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power
<b>DEM.209</b>	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	4	60W(12V) or 120W(24V)	240W(12V) or 480W(24V)



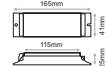
# 3ch (RGB) Booster

## Constant Voltage

- Dimmable constant voltage LED drivers / controllers



Code*	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power
<b>DEM.124 / CA*</b> <b>DEM.125 / CC*</b>	12-24VDC	Depending on the supply voltage 0...12VDC or 0...24VDC	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)



\*Note: CC=Common Cathode CA=Common Anode

# 1ch LED Driving Boosters

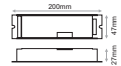
## Constant Voltage

- One channel LED driving Booster (repeater amplifier).
- LED Boosters of PWM signal of one LED controller.
- Possible to use in RGB constant voltage LEDs.

Designed & Manufactured by ELECTRON SA



Code	Supply Voltage	Output Voltage PWM	Output Current	Output Power	Power Consumption	Control Input	Dimming Pole (DP)
<b>DEM.022 (DP+*)</b>	5VDC	0...5VDC	9A	45W	47W	5-24V***	DEM.022 and DEM.024 = DP+
<b>DEM.023 (DP-*)</b>	12VDC	0...12VDC	9A	108W	110W	PWM SIGNAL	DEM.023 and DEM.025 = DP-
	24VDC	0...24VDC	9A	216W	218W		
<b>DEM.024 (DP+*)</b>	5VDC	0...5VDC	15A	75W	78W	5-24V***	DEM.022 and DEM.024 = DP+
<b>DEM.025 (DP-*)</b>	12VDC	0...12VDC	15A	180W	183W	PWM SIGNAL	DEM.023 and DEM.025 = DP-
	24VDC	0...24VDC	15A	360W	363W		



\*DP+ = Dimming pole + Suitable for driving Common Cathode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters

\*\*DP- = Dimming pole - Suitable for driving Common Anode RGB or RGBW or RGBA LED fixtures by connecting 3 or 4 boosters

\*\*\*Input PWM. The voltage of the PWM can be from 5V up to 24V and it is independent and isolated from the power supply voltage and output circuit

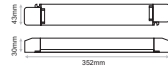
## DMX/RDM , DALI-2 DT6/DT8 RGBW (High Frequency) LED Dimmer Constant Voltage

Constant Voltage LED Drivers **CK481**

- Support commands of DALI-2 DT6 & DT8.
- Support DMX/RDM.
- High output PWM frequency (3.6kHz).
- Low stand-by power consumption (<0.5W).
- Overload, Overvoltage, Overtemperature & short circuit protection.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>CK481</b>	220-240VAC 50/60Hz	24VDC	150W	4x1.56A	4 (RGBW)	0-100%	DMX/RDM, DALI-2 DT6/DT8



## DALI DT8 RGBW (High Frequency) LED Dimmer Constant Voltage

- DALI DT8 device to control RGBW output via a single DALI address.
- 4 Channels constant voltage output.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Variable PWM frequency selection (500Hz..30kHz).
- OLED display
- 16 User defined scenes.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>DEM.196</b>	12-36VDC	12-36VDC	4x(60-180)W	4x5A	4 (RGBW)	0-100%	DALI DT8



## DALI DT8 DUAL Colour LED Dimmer Constant Voltage

- DALI DT8 device to control Warm White and Cool White output via a single DALI address.
- 4 Channels constant voltage output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>DEM.186</b>	12-36VDC	12-36VDC (depending on the input voltage)	4x(60-180)W	4x5A	4 (2 tunable white outputs)	0-100%	DALI DT8

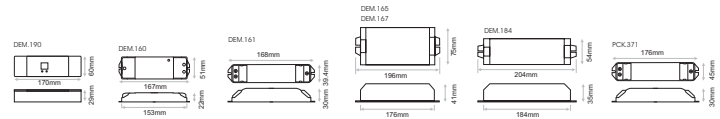
## DALI to CONSTANT VOLTAGE Drivers - Converters

Constant Voltage LED Drivers

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.



Code	Supply Voltage	PWM Output Voltage	Output Channels	Channel Power	Address Setting	Push Dim
<b>DEM.190</b>	12V-36VDC	Depending on the power supply 0...12VDC or 0...36VDC	4	4x(96-288)W	Auto	Supported
<b>DEM.160 /CA</b>	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	3	3x(60-120)W	Auto	Supported
<b>DEM.161</b>	12V-24VDC	Depending on the power supply 0...12VDC or 0...24VDC	1	60W (12V) or 120W (24V)	Auto	Supported
<b>DEM.165</b>	100V-240VAC	0...12VDC	1	135W	Auto	Supported
<b>DEM.167</b>	100V-240VAC	0...24VDC	1	150W	Auto	Supported
<b>DEM.184</b>	175V-264VAC	0...24VDC	1	75W	Auto	Supported
<b>CK.371</b>	100V-240VAC	0...24VDC	1	36W	Auto	Supported



## DALI, 1-10V, Phase Cut LED Dimmer Constant Voltage

Code	Supply Voltage	PWM Output Voltage	Output Channels	Channel Power	Address Setting	Push Dim
<b>CK.541</b>	12V-48VDC	Depending on the power supply 0...12VDC or 0...48VDC	1	240W(12V) or 960W(48V)	Auto	Supported

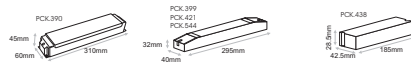


## DALI, 0-10V, 1-10V to CONSTANT VOLTAGE Drivers - Converters

- Extended support for DALI protocol, IEC62386, IEC60929, the definition of DALI protocol.
- Automatic addressing and address extensions.
- Supports push dim operation.



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Dimming Control	Frequency	Address	Push Dim
<b>24VDC</b>								
<b>PCK.390</b>	24VDC	8.3A	200W	220-240VAC	0-10V or 1-10V or DALI PWM or RESISTANCE	50/60Hz	Auto	Supported
<b>PCK.399</b>	24VDC	6.25A	150W	220-240VAC	0-10V or 1-10V or PWM or DALI	50/60Hz	Auto	Supported
<b>PCK.421</b>	24VDC	3.12A	75W	220-240VAC	0-10V or 1-10V or PWM or DALI	50/60Hz	Auto	Supported
<b>PCK.438</b>	24VDC	1.67A	40W	220-240VAC	0-10V or 1-10V or PWM or DALI	50/60Hz	Auto	Supported
<b>12VDC</b>								
<b>PCK.544</b>	12VDC	6.25A	75W	220-240VAC	0-10V or 1-10V or DALI	50/60Hz	Auto	Supported



Constant Voltage LED Drivers **6000**

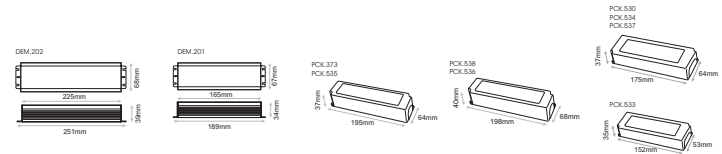
**6000** Constant Voltage LED Drivers

## 1 ch HIGH IP RATED DIMMABLE DALI Power Supplies Constant Voltage

- Overcurrent, short-circuit protection.
- Overheating protection.
- IP67



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP
<b>48VDC</b>								
<b>PCK.538</b>	48VDC	4.2A	200W	100-305VAC	50/60Hz	DALI-2	Auto	IP67
<b>PCK.537</b>	48VDC	1.9A	90W	90-305VAC	50/60Hz	DALI-2	Auto	IP67
<b>24VDC</b>								
<b>DEM.202</b>	24VDC	13.3A	320W	220-277VAC	50/60Hz	DALI	Auto	IP67
<b>PCK.536</b>	24VDC	8.3A	200W	90-305VAC	50/60Hz	DALI-2	Auto	IP67
<b>DEM.201</b>	24VDC	6.3A	150W	220-277VAC	50/60Hz	DALI	Auto	IP67
<b>PCK.373</b>	24VDC	5A	120W	90-305VAC	50/60Hz	DALI	Auto	IP67
<b>PCK.535</b>	24VDC	5A	120W	90-305VAC	50/60Hz	DALI-2	Auto	IP67
<b>PCK.534</b>	24VDC	3.8A	90W	90-305VAC	50/60Hz	DALI-2	Auto	IP67
<b>PCK.533</b>	24VDC	2.5A	60W	90-305VAC	50/60Hz	DALI-2	Auto	IP67
<b>12VDC</b>								
<b>PCK.530</b>	12VDC	7.5A	90W	90-305VAC	50/60Hz	DALI-2	Auto	IP67





Golden Yachts - Yacht Optasia



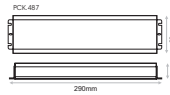
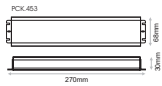
# 1 ch HIGH IP RATED ULTRA THIN

## Power Supplies Constant Voltage

- Ultra thin design.
- Single channel, 24VDC output.
- Universal Input Voltage, Range 100-240VAC.
- Supports Touch Dim operation.
- Waterproof IP67
- Protection: Overcurrent, Over-load, Short-circuit



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	Address Setting	IP
<b>PK423</b>	24VDC	6.3A	150W	100-240VAC	50/60Hz	DALI	Auto	IP67
<b>PK453</b>	24VDC	10A	240W	100-240VAC	50/60Hz	DALI	Auto	IP67
<b>PK487</b>	24VDC	13.3A	320W	100-240VAC	50/60Hz	DALI	Auto	IP67
<b>PK519</b>	12VDC	6.25A	75W	100-240VAC	50/60Hz	DALI	Auto	IP67



### Constant Voltage LED Drivers

### Constant Voltage LED Drivers

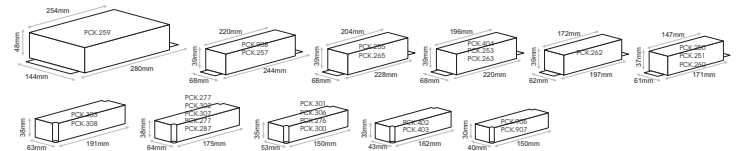
# 1ch HIGH IP RATED DIMMABLE 1-10V

## Power Supplies Constant Voltage

- Full range Universal AC inputs.
- Built in PFC function.
- Built in 3 in one dimming function, 0-10VDC or 1-10VDC or PWM or Resistance.
- Protections: Short circuit - over current - over voltage - over temperature.
- IP67



Code	Model	Input Voltage Range	DC Voltage	Rated Current	Rated Power	Dimming Control	Frequency Range	IP	
<b>42VDC</b>									
<b>PK402</b>	PLF-40D-42	100-240VAC	42VDC	0.95A	40W	1-10VDC or 10V PWM or Resistance	47-63Hz	IP67	
<b>PK403</b>	PLF-60D-42	100-240VAC	42VDC	1.4A	60W		47-63Hz	IP67	
<b>PK404</b>	HLG-120H-42B	100-240VAC	42VDC	2.9A	120W		47-63Hz	IP67	
<b>24VDC</b>									
<b>PK906</b>	LPF-16D-24	90-305VAC	24VDC	0.67A	16W	1-10VDC or 10V PWM or Resistance	47-63Hz	IP30	
<b>PK907</b>	LPF-25D-24	90-305VAC	24VDC	1A	24W		47-63Hz	IP67	
<b>PK250</b>	HLG-40H-24B	90-305VAC	24VDC	1.6A	40W		47-63Hz	IP67	
<b>PK251</b>	HLG-60H-24B	90-305VAC	24VDC	2.5A	60W		47-63Hz	IP67	
<b>PK276</b>	NPF-60D-24	90-305VAC	24VDC	2.5A	60W		47-63Hz	IP57	
<b>PK277</b>	NPF-90D-24	90-305VAC	24VDC	3.75A	90W		47-63Hz	IP67	
<b>PK253</b>	HLG-100H-24B	90-305VAC	24VDC	4A	96W		47-63Hz	IP67	
<b>PK255</b>	HLG-150H-24B	90-305VAC	24VDC	6.3A	150W		47-63Hz	IP67	
<b>PK908</b>	ELG-200-24B-3Y	100-305VAC	24VDC	8.3A	200W		47-63Hz	IP67	
<b>PK257</b>	HLG-240H-24B	90-305VAC	24VDC	10A	240W		47-63Hz	IP67	
<b>PK259</b>	HLG-600H-24B	90-305VAC	24VDC	25A	600W		47-63Hz	IP67	
<b>PK300</b>	PWM-40-24	90-305VAC	24VDC	1.67A	40W		47-63Hz	IP67	
<b>PK301</b>	PWM-60-24	90-305VAC	24VDC	2.5A	60W		0-10VDC or PWM or Resistance	47-63Hz	IP67
<b>PK302</b>	PWM-90-24	90-305VAC	24VDC	3.75A	90W		47-63Hz	IP67	
<b>PK303</b>	PWM-120-24	90-305VAC	24VDC	5A	120W		47-63Hz	IP67	
<b>12VDC</b>									
<b>PK260</b>	HLG-40H-12B	90-305VAC	12VDC	3.33A	40W	1-10VDC or 10V PWM or Resistance	47-63Hz	IP67	
<b>PK262</b>	HLG-80H-12B	90-305VAC	12VDC	5A	60W		47-63Hz	IP67	
<b>PK287</b>	NPF-90D-12	90-305VAC	12VDC	7.5A	90W		47-63Hz	IP67	
<b>PK263</b>	HLG-120H-12B	90-305VAC	12VDC	10A	120W		47-63Hz	IP67	
<b>PK265</b>	HLG-150H-12B	90-305VAC	12VDC	12.5A	150W		47-63Hz	IP67	
<b>PK306</b>	PWM-60-12	90-305VAC	12VDC	5A	60W	0-10VDC or PWM or Resistance	47-63Hz	IP67	
<b>PK307</b>	PWM-90-12	90-305VAC	12VDC	7.5A	90W		47-63Hz	IP67	
<b>PK308</b>	PWM-120-12	90-305VAC	12VDC	10A	120W		47-63Hz	IP67	





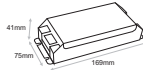
## 1ch DIMMABLE 1-10V

### Power Supplies Constant Voltage

- High efficiency.
- Flicker free.
- Protection: Short-circuit - over current - over voltage.

Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency	Dimming Control
PKC.389	24VDC	6.25A	150W	100-240VAC	50/60Hz	1-10V

Constant Voltage LED Drivers **1ch**



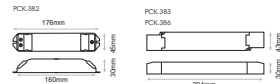
## 1ch DIMMABLE 1-10V & PUSH SWITCH

### Power Supplies Constant Voltage

- Flicker free
- Dimming range 0.1%-100%
- Suitable for TV studios
- Built in 4 in one dimming function, 0-10VDC or 1-10VDC or PWM.
- Overload, Short-circuit protection
- Overheating protection



Code	DC Voltage	Rated Current	Rated Power	Input Voltage	Frequency Range	Dimming Control	IP
PKC.382	24VDC	1.5A	36W	100-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20
PKC.383	24VDC	3.12A	75W	200-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20
PKC.386	24VDC	4.17A	100W	220-240VAC	50/60Hz	0-10VDC or 1-10VDC PWM or Push switch	IP20



Constant Voltage LED Drivers **1ch**

## 1ch PHASE CUT

### LEADING or TRAILING EDGE

### DIMMABLE LED Drivers Constant Voltage

#### PWM OUTPUT

- Supports Push Dim operation.



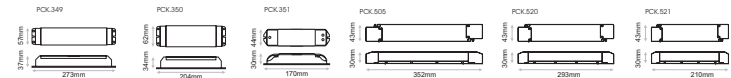
#### 1-24VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control
PKC.505	200-240VAC 50/60Hz	1-24VDC	150W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PKC.520	200-240VAC 50/60Hz	1-24VDC	75W	3.12A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PKC.521	200-240VAC 50/60Hz	1-24VDC	36W	1.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer



#### 1-12VDC

Model	Supply Voltage	Output Voltage	Max Output Power	Max Output Current	Dimming Range	Control
PKC.349	200-240VAC 50/60Hz	1-12VDC	150W	12.50A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PKC.350	200-240VAC 50/60Hz	1-12VDC	75W	6.25A	1-100%	Dimming with Trailing or Leading Edge Dimmer
PKC.351	200-240VAC 50/60Hz	1-12VDC	36W	3A	1-100%	Dimming with Trailing or Leading Edge Dimmer

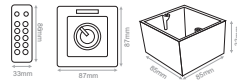


## 1ch LED Dimmer-Drivers Constant Voltage

- Dimmable constant voltage LED drivers / controllers

Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.152	12-24VDC	0...1.2V or 0...2.4V	1	1 channel 80W at 1.2V 1 channel 160W at 2.4V	with Potentiometer

Constant Voltage LED Drivers **CC/CA**



Code	Supply Voltage	Output Voltage	Nr. of Channels	Output Power	Dimming Control
DEM.109	12-24VDC	0...1.2V or 0...2.4V	1	1 channel 72W at 1.2V or 1 channel 144W at 2.4V	with Potentiometer

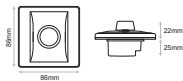


## 1ch DIMMABLE 1-10V Control Potentiometer Constant Voltage

Code	Description
PKC.206	1/10V control potentiometer



Code	Description
CDS.019	1/10V control panel



Constant Voltage LED Drivers **CC/CA**

- 6 programmable memories (chases or static colours) per zone.
- Manual setup between RGB or RGBW mode.
- 10 built in colour changing modes with speed adjustable option.
- Master/Slave mode optionally selectable.

## 6 zones RGB / RGBW Control with RF Remote Control Constant Voltage



RF 6 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.170	AAA 1.5V (3pieces)	1-6 zones	434MHz / 868MHz



RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power
DEM.171 /CA	RGB / RGBW, 1 zone, 2 outputs	12-24VDC	Depending on the supply voltage 0...1.2V 0...2.4V	1 zone, 3x5A RGB or 4x5A RGBW	3x60W / 12VDC - RGB Total 180W/12VDC 4x60W / 12VDC - RGBW Total 240W/12VDC 3x120W / 24VDC - RGB Total 360W-24VDC 4x120W / 24VDC - RGBW Total 480W-24VDC



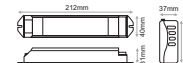
\*Note: CA=Common Anode

## 3ch RGB DIMMABLE with RF Remote Control Controller Constant Voltage

- Dimmable constant voltage LED drivers / controllers.
- Selectable RF frequency.



Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Total Power	Control	Stand Alone
DEM.122 /CA DEM.123 /CC	RGB STAND ALONE LED CONTROLLER	12-24VDC	Depending on the supply voltage 0...1.2V or 0...2.4V	3	26W(12V) or 50W(24V)	80W(12V) or 150W(24V)	With built in buttons or RF Remote Control	4 built in programs with speed control, dimmer and pause. All functions are controlled by the built in buttons or the RF Remote Control



\*Note: CC=Common Cathode  
CA=Common Anode  
All Power Supplies are available in CC and CA upon request

## 5 zones Monochromatic Control with RF Remote Control Constant Voltage

- Individual control of up to 5 different zones.
- Standard push button can be connected to each zone independently.
- User friendly and easy setup.
- Control range 20m.

### RF RECEIVER

Code*	Description	Supply Voltage	Output Voltage	Nr. of Channels	Channel Power	Control
DEM.174 /CA	Monochromatic, 1 zone, 4 outputs LED controller	12-24VDC	Depending on the supply voltage 0...12V 0...24V	1 zone, 4x5 Amps	4x60W / 12V Total 240W/12V 4x120W / 24V Total 480W-24V	RF wireless control through DEM.172 and single push button

\*Note: CA=Common Anode

### RF 5 ZONE TRANSMITTER

Code	Battery Type	Zone Management	Operation Frequency
DEM.172	CR2025 3V	1-5 zones	434MHz / 868MHz



### RF TRANSMITTER

Suitable to control DEM.174

Code	Battery Type	Operation Frequency
DEM.175	CR2025 3V	434MHz / 868MHz



### Constant Voltage LED Drivers



### Constant Voltage LED Drivers

- Power Supplies with fully isolated case
- IP54, IP65, IP67
- Full range Universal AC inputs
- Cooling by free air convection
- Protections: Short circuit - overload - over voltage

## 1ch HIGH IP RATED LED Power Supplies Constant Voltage



Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
------	-------	---------------------	-----------------	------------	---------------	-------------	----

### 48VDC

PCK.400	HLG-150H-48	100-240VAC	50/60Hz	48VDC	3.1A	150W	IP67
PCK.401	HLG-240H-48A	100-240VAC	50/60Hz	48VDC	5A	240W	IP65
PCK.518	ELG-150-48-3Y	100-240VAC	50/60Hz	48VDC	3.1A	150W	IP67
PCK.494	ELG-200-48-3Y	100-240VAC	50/60Hz	48VDC	4.2A	200W	IP57
PCK.517	ELG-240-48-3Y	100-240VAC	50/60Hz	48VDC	5A	240W	IP67

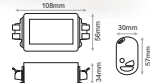
### 42VDC

PCK.408	HLG-100H-42A	100-240VAC	50/60Hz	42VDC	2.4A	100W	IP65
PCK.409	HLG-150H-42A	200-240VAC	50/60Hz	42VDC	3.6A	150W	IP65
PCK.405	HLG-185H-42A	100-240VAC	50/60Hz	42VDC	4.4A	185W	IP65
PCK.410	HLG-240H-42A	100-240VAC	50/60Hz	42VDC	5.7A	240W	IP65
PCK.447	HLG-240H-42B	100-240VAC	50/60Hz	42VDC	5.7A	240W	IP67
PCK.424	HLG-480H-42A	100-240VAC	50/60Hz	42VDC	11.4A	480W	IP65
PCK.444	LPF-40-42	100-240VAC	50/60Hz	42VDC	0.95A	40W	IP67
PCK.496	ELG-100-42-3Y	100-240VAC	50/60Hz	42VDC	2.4A	100W	IP67
PCK.497	ELG-150-42-3Y	100-240VAC	50/60Hz	42VDC	3.6A	150W	IP67
PCK.498	ELG-240-42-3Y	100-240VAC	50/60Hz	42VDC	5.7A	240W	IP67
PCK.407	HLG-320H-42A	100-240VAC	50/60Hz	42VDC	7.6A	320W	IP65
PCK.458	HLG-480H-42	100-240VAC	50/60Hz	42VDC	11.4A	480W	IP67

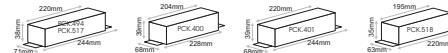
## 1ch with RF Remote Control Constant Voltage

- Dimmable constant voltage LED drivers / controllers

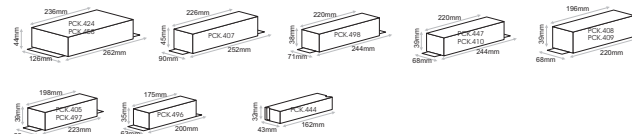
Code	Supply Voltage	Output Voltage	Output Power (one channel)	Dimming Control
DEM.106	12-24VDC	0...12V 0...24V	48W 96W	with RF Remote Control Selectable RF frequency
DEM.108	5VDC	0...5V	25W	with RF Remote Control Selectable RF frequency



### 48VDC



### 42VDC



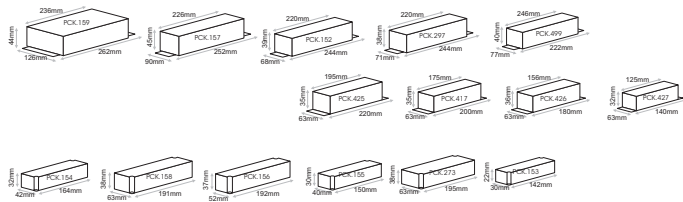
1ch HIGH IP RATED  
LED Power Supplies Constant Voltage

Constant Voltage LED Drivers **1ch**



Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
<b>PCK.153</b>	LPH-18-24	200-240VAC	50/60HZ	24VDC	0.75A	18W	IP67
<b>PCK.273</b>	NPF-120-24	100-240VAC	50/60HZ	24VDC	5A	120W	IP67
<b>PCK.190</b>	LPV-20-24	100-240VAC	50/60HZ	24VDC	0.83A	20W	IP67
<b>PCK.155</b>	LPV-35-24	100-240VAC	50/60HZ	24VDC	1.5A	36W	IP67
<b>PCK.154</b>	LPV-60-24	100-240VAC	50/60HZ	24VDC	2.5A	60W	IP67
<b>PCK.156</b>	LPV-100-24	100-240VAC	50/60HZ	24VDC	4.2A	100W	IP67
<b>PCK.158</b>	LPV-150-24	180-305VAC	50/60HZ	24VDC	6.3A	150W	IP67
<b>PCK.152</b>	HLG-240-24A	100-240VAC	50/60HZ	24VDC	10A	240W	IP65
<b>PCK.157</b>	HLG-320H-24A	100-240VAC	50/60HZ	24VDC	13.34A	320W	IP65
<b>PCK.159</b>	HLG-480H-24	100-240VAC	50/60HZ	24VDC	20A	480W	IP67
<b>PCK.425</b>	ELG-150-24-3Y	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
<b>PCK.297</b>	ELG-240-24-3Y	100-240VAC	50/60HZ	24VDC	10A	240W	IP67
<b>PCK.427</b>	XLG-75-24A	100-240VAC	50/60HZ	24VDC	3.1A	75W	IP67
<b>PCK.426</b>	XLG-150-24A	100-240VAC	50/60HZ	24VDC	6.25A	150W	IP67
<b>PCK.417</b>	XLG-200-24	100-240VAC	50/60HZ	24VDC	8.3A	200W	IP67
<b>PCK.499</b>	XLG-320-VA	100-240VAC	50/60HZ	24VDC	13.3A	320W	IP67

24VDC



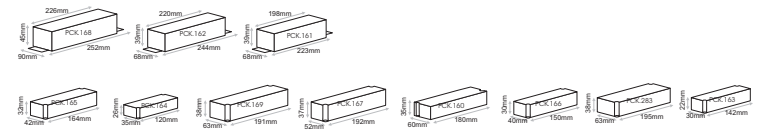
Constant Voltage LED Drivers **1ch**

1ch HIGH IP RATED  
LED Power Supplies Constant Voltage

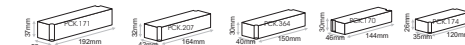


Code	Model	Input Voltage Range	Frequency Range	DC Voltage	Rated Current	Rated Power	IP
<b>PCK.163</b>	LPH-18-12	200-240VAC	50/60HZ	12VDC	1.5A	18W	IP67
<b>PCK.160</b>	ELN-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP64
<b>PCK.283</b>	NPF-120-12	100-240VAC	50/60HZ	12VDC	10A	120W	IP67
<b>PCK.161</b>	CLG-150-12A	100-240VAC	50/60HZ	12VDC	11A	130W	IP65
<b>PCK.164</b>	LPV-20-12	100-240VAC	50/60HZ	12VDC	1.67A	20W	IP67
<b>PCK.166</b>	LPV-35-12	100-240VAC	50/60HZ	12VDC	3A	36W	IP67
<b>PCK.165</b>	LPV-60-12	100-240VAC	50/60HZ	12VDC	5A	60W	IP67
<b>PCK.167</b>	LPV-100-12	100-240VAC	50/60HZ	12VDC	8.5A	100W	IP67
<b>PCK.169</b>	LPV-150-12	180-305VAC	50/60HZ	12VDC	10A	120W	IP67
<b>PCK.162</b>	HLG-240-12A	100-240VAC	50/60HZ	12VDC	16A	192W	IP65
<b>PCK.168</b>	HLG-320H-12A	100-240VAC	50/60HZ	12VDC	22A	264W	IP65
<b>PCK.170</b>	ELN-30-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP64
<b>PCK.174</b>	LPV-20-5	100-240VAC	50/60HZ	5VDC	3A	15W	IP67
<b>PCK.364</b>	LPV-35-5	100-240VAC	50/60HZ	5VDC	5A	25W	IP67
<b>PCK.207</b>	LPV-60-5	100-240VAC	50/60HZ	5VDC	8A	40W	IP67
<b>PCK.171</b>	LPV-100-5	100-240VAC	50/60HZ	5VDC	12A	60W	IP67

12VDC




5VDC



## 1ch DIN RAIL

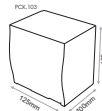
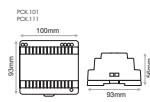
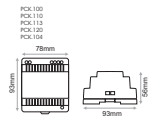
### LED Power Supplies Constant Voltage

Constant Voltage LED Drivers 

- DIN RAIL Power Supplies
- High quality power supplies for installation in electric boards (DIN rail TS35/7,5 or 15)
- Cooling by free air convection
- Led indicator for power on
- Protections: Short circuit - overload - over voltage



Code	Model	DC Voltage	Rated Current	Rated Power	Input Voltage Range	Frequency Range
<b>24VDC</b>						
<b>PCK.104</b>	DR-30-24	24VDC	1,5A	36W	100-240VAC	50/60HZ
<b>PCK.100</b>	DR-60-24	24VDC	2,5A	60W	88-264VAC	50/60HZ
<b>PCK.101</b>	DR-100-24	24VDC	4,2A	100W	88-264VAC	50/60HZ
<b>PCK.102</b>	DR-120-24	24VDC	5A	120W	100-240VAC	50/60HZ
<b>PCK.103</b>	DRP-240-24	24VDC	10A	240W	100-240VAC	50/60HZ
<b>12VDC</b>						
<b>PCK.113</b>	DR-30-12	12VDC	2A	24W	100-240VAC	50/60HZ
<b>PCK.110</b>	DR-60-12	12VDC	4,5A	54W	88-264VAC	50/60HZ
<b>PCK.111</b>	DR-100-12	12VDC	7,5A	90W	88-264VAC	50/60HZ
<b>PCK.112</b>	DR-120-12	12VDC	10A	120W	100-240VAC	50/60HZ
<b>5VDC</b>						
<b>PCK.120</b>	DR-60-5	5VDC	6,5A	32W	88-264VAC	50/60HZ



# CONSTANT CURRENT



## Single Channel DC to DC Converters

### PWM Dimmable LED Driving Converters

#### Constant Current

- Converts PWM power supply to constant current.
- Low power consumption / High efficiency.
- PWM frequency from 100Hz to 2kHz.
- Dimming output from 0% to 100%.
- 48VDC or 24VDC power supply.
- Low inrush & surge current.
- Reverse polarity and fuse protection.
- Compact design. Suitable for small cutting holes.
- $t_a = -20^{\circ}\text{C} \dots +50^{\circ}\text{C}$
- IP66



Constant Current LED Drivers **CK01**

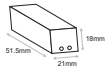
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#### 48VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.233	48VDC	6V-42VDC	150mA	1	0,9-5,3W	>90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.234			200mA		1,2-8,4W		
DEM.235			250mA		1,5-10,5W		
DEM.236			300mA		1,8-12,6W		
DEM.237			350mA		2,1-14,7W		
DEM.238		500mA	3,0-21,0W				
DEM.239		600mA	3,6-25,2W				
DEM.240		700mA	4,2-29,4W				
DEM.269		10V-42VDC	800mA		8-33,6W		
DEM.270			900mA		9-37,8W		
DEM.271	1050mA		10,5-44,1W				

#### 24VDC PWM Dimmable

Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Efficiency	Control Input
DEM.241	24VDC	3V-20VDC	150mA	1	0,45-3,0W	>90%	PWM Dimmable. (100Hz - 2000Hz)
DEM.242			200mA		0,6-4,0W		
DEM.243			250mA		0,75-5,0W		
DEM.244			300mA		0,9-6,0W		
DEM.245			350mA		1,05-7,0W		
DEM.246			500mA		1,5-10,0W		
DEM.247			600mA		1,8-12,0W		
DEM.248			700mA		2,1-14,0W		



## 4ch DMX/RDM to CONSTANT CURRENT

### LED Driver Converter

Constant Current LED Drivers **CK02**

- Constant Current output selection from 250mA up to 1500mA.
- Built in PFC function.
- Variable PWM frequency selection (500Hz or 1kHz or 2kHz).
- 8bit or 16bit PWM resolution.
- Logarithmic or linear dimming curve.
- Common anode configuration.
- Overload, Short-circuit protection.
- Overheating protection.

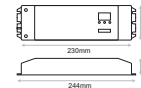


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
CK500	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-75W*	≤ 3%**	IP20

\*Please refer to the matrix below.  
\*\*Referred to  $V_i = 230\text{ V}$ , 100% load

P out W/CH Max*	V out DC	I out DC	$t_a$ °C	$t_c$ °C	$\eta$ max. Efficiency*
11	8-43	250 mA coast.	-25...+45	80	0.87
13	8-43	300 mA coast.			
15	8-43	350 mA coast.			
17	8-43	400 mA coast.			
19	8-43	450 mA coast.			
22	8-43	500 mA coast.			
26	8-43	600 mA coast.			
30	8-43	700 mA coast.			
34	8-43	800 mA coast.			
39	8-43	900 mA coast.			
43	8-43	1000 mA coast.			
47	8-43	1100 mA coast.			
52	8-43	1200 mA coast.			
56	8-43	1300 mA coast.			
60	8-43	1400 mA coast.			
64	8-43	1500 mA coast.			

\*Max 64W/CH, CH1 = CH2 + CH3 + CH4 <= 75W.  
\*\*Referred to  $V_i = 230\text{ V}$ , 100% load.



## 2ch DXM512/RDM to CONSTANT CURRENT NFC PROGRAMMABLE LED Driver Converter

Constant Current

Constant Current LED Drivers **CC**

### (Amplitude dimming)

- NFC Programmable.
- Hybrid dimming (AM + PWM) starts from 0.01%.
- Dimming curve, Fade time & power-on selection.
- Current selectable output with 1mA step.
- Common anode configuration.
- Overload, Short circuit & Overtemperature protection.

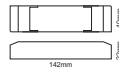


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
PKI.545	100-240VAC 50/60Hz	350-1050mA*	9-42VDC*	14.7-39.9W*	≤ 3%**	IP20

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

P out W/CH Max	V out DC	I out DC	ta °C	tc °C	$\eta$ max. Efficiency*
14.7	9-42	350 mA const.	-25...+45	90	0.88
21	9-42	500 mA const.			
29.4	9-42	700 mA const.			
37.8	9-42	900 mA const.			
39.9	9-38	1050 mA const.			

\*Referred to  $V_{in} = 230\text{ V}$ , 100% load.



## 4ch DMX512/RDM DECODER

Constant Current

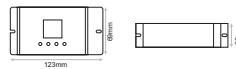
### (Amplitude dimming)

- Amplitude dimming
- DMX512/RDM constant current decoder.
- 4 output channels, output current programmable from 200mA up to 1600mA per channel in steps of 50mA
- Protection: Short-circuit protect, Over current protect, Over temp protect.



Code	Description	Input Voltage	Output Voltage	Output Current	Output Power*	Operating Temperature
DEM.208	DMX512/RDM Decoder Constant Current	12-50VDC	1-42VDC	200 to 1600mA per channel (steps of 50mA)	67W/CH max.240W	-20 -50 °C

\* Please refer to the matrix in the manual



Constant Current LED Drivers **CC**

## DMX TUNABLE WHITE

Single output (2 channels)  
LED Drivers Constant Current

### Tunable White Single output (2 channels) Common Cathode

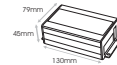
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

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Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.047 /CC	220-240VAC 50/60Hz	2x850mA	18-41VDC	15.3W-34.85W	DMX-512

\*CC = Common Cathode



## 2ch DMX to CONSTANT CURRENT

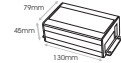
LED Drivers-Converters

- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured  
by ELECTRON SA



Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.054	220-240VAC 50/60Hz	2x350mA	5-42VDC	4W-29W	DMX-512



### RGBW Common Cathode

## DMX RGBW

LED Drivers Constant Current

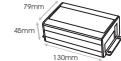
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Designed & Manufactured  
by ELECTRON SA



Code*	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
DEM.049 /CC	220-240VAC 50/60Hz	4x500mA	10-19VDC	20W-38W	DMX-512

\*CC = Common Cathode



## 1ch DMX to CONSTANT CURRENT LED Drivers-Converters

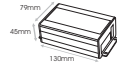
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
<b>350mA</b>					
DEM.053	220-240VAC 50/60Hz	350mA	5-42VDC	2W-15W	DMX-512
<b>500mA</b>					
DEM.052	220-240VAC 50/60Hz	500mA	25-39VDC	12W-20W	DMX-512
<b>700mA</b>					
DEM.051	220-240VAC 50/60Hz	700mA	25-39VDC	17W-27W	DMX-512
<b>900mA</b>					
DEM.050	220-240VAC 50/60Hz	900mA	25-39VDC	23W-35W	DMX-512

Constant Current LED Drivers **1ch**



Designed & Manufactured  
by ELECTRON SA



## 1ch DMX/RDM to CONSTANT CURRENT LED Drivers-Converters

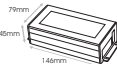
- PWM control.
- 16bit dimming resolution.
- Logarithmic dimming curve.
- Overheating protection.
- Overload protection.
- Suitable for TV studios.

Code	Supply Voltage	Output Current	Output Voltage	Output Power	Dimming
DEM.056	220-240VAC 50/60Hz	700-1400mA*	10-42VDC*	7W-45W	DMX-512/RDM

\*Please refer to the matrix below.

P out W	V out DC	I out DC
29.4W	10-42V	700mA
31.5W	10-42V	750mA
33.6W	10-42V	800mA
35.7W	10-42V	850mA
37.8W	10-42V	900mA
44.1W	10-42V	1050mA
45.0W	10-37.5V	1200mA
45.1W	10-32.2V	1400mA

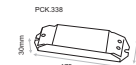
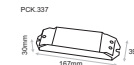
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Constant Current LED Drivers **1ch**

## 1ch DMX to CONSTANT CURRENT LED Drivers-Converters

Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
PCK.337	220-240VAC 50/60Hz	1	150mA -	1.5-8.1W -	10-54VDC	DMX 512 / RDM and PUSH
			250mA -	2.5-13.5W -	10-54VDC	
			300mA -	3-16.2W -	10-54VDC	
			350mA -	3.5-18.9W -	10-54VDC	
			500mA -	5-25W -	10-50VDC	
			600mA -	6-25.2W -	10-42VDC	
			700mA -	7-25.2W -	10-36VDC	
900mA -	9-25.2W -	10-28VDC				
PCK.338	220-240VAC 50/60Hz	1	100mA -	1-5.4W -	10-54VDC	DMX 512 / RDM and PUSH
			180mA -	1.8-9.72W -	10-54VDC	
			300mA -	3-15W -	10-50VDC	
			350mA -	3.5-15.05W -	10-43VDC	
			450mA -	4.5-15.3W -	10-34VDC	
			500mA -	5-15W -	10-30VDC	
			600mA -	6-15W -	10-25VDC	
700mA -	7-15.4W -	10-22VDC				
PCK.336	220-240VAC 50/60Hz	1	100mA -	1-4.5W -	10-45VDC	DMX 512 / RDM
			150mA -	1.5-6.8W -	10-45VDC	
			200mA -	2-9W -	10-45VDC	
			250mA -	2.5-10W -	10-40VDC	
			300mA -	3-9.9W -	10-33VDC	
			350mA -	3.5-9.8W -	10-28VDC	
			400mA -	4-10W -	10-25VDC	





## 1ch DMX / 1-10V / PUSH DIMMABLE LED Driving Converters Constant Current

Constant Current LED Drivers **CEC**

- Converters of digital DMX signal and analogue or PWM signal to constant current.
- For Constant Current LEDs.
- 2040 steps.
- Absolute control through DMX-512 and 0-10V or 1-10V or any Up-Down push button.
- Possible to use in RGB LEDs.
- For 350mA, 500mA, 700mA.

**2.040 STEPS**  
350-500-700-1050mA

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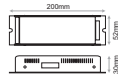


Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Power consumption at full load	Control input
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ONE CHANNEL DIMMABLE LED DRIVING CONVERTERS. CONTROL BY DMX-512, 0/10V or 1/10V or PUSH BUTTONS

DEM.030	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W	0-10V or 1-10V or with single push button or with two push buttons (Up-Down).
DEM.031	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W	
DEM.032	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W	
DEM.033	24VDC	10V-66VDC	500mA	1	5-33W	41,5W	
DEM.034	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W	
DEM.035	24VDC	10V-60VDC	700mA	1	7-42W	52,5W	
DEM.043	24VDC	7,6V-20VDC	1050mA	1	8-21W	23W	
DEM.044	24VDC	19V-44,8VDC	1050mA	1	20-47W	57W	

\*Many single and double (up/down) buttons can be connected in parallel.



## 1ch LED Boosters Constant Current

- LED Boosters of PWM signal of the LED controller.
- For constant current LEDs.
- For 350mA, 500mA, 700mA.
- One Channel LED driving Booster (repeater/amplifier).
- Possible to use in RGB constant current LEDs.

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Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Power Consumption
------	----------------	----------------	----------------	-----------------	--------------	-------------------

DEM.036	24VDC	2,9V-21,4VDC	350mA	1	1-7,5W	8,3W
DEM.037	24VDC	5,7V-65,7VDC	350mA	1	2-23W	28,5W
DEM.038	24VDC	3,2V-22VDC	500mA	1	1,6-11W	12,10W
DEM.039	24VDC	10V-66VDC	500mA	1	5-33W	41,5W
DEM.040	24VDC	4,3V-21,4VDC	700mA	1	3-15W	16,50W
DEM.041	24VDC	10V-60VDC	700mA	1	7-42W	52,5W



Constant Current LED Drivers

## 1ch DMX WARM DIMMING LED Driver Constant Current

(Amplitude dimming)

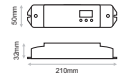
- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection



Code	P out W	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
------	---------	----------------	----------------	----------------	--------------	--------------------------------------	---------	---------

PCK.372	46	220-240VAC	900mA	8-52VDC	7-46W	≤ 3%*	IP20	DMX512
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\*Referred to  $V_L = 230V$ , 100% load

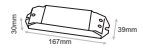


- Amplitude dimming
- Overload, Short-circuit protection
- Overheating protection



Code	Supply Voltage	Output Channels	Constant Current	Output Power	Output Voltage	Control
------	----------------	-----------------	------------------	--------------	----------------	---------

PCK.429	220-240VAC 50/60Hz	1	200mA - 2-10,8W - 10-54VDC	DMX 512 / RDM and PUSH
			350mA - 3,5-18,9W - 10-54VDC	
			500mA - 5-27W - 10-54VDC	
			600mA - 6-32,4W - 10-54VDC	
			700mA - 7-36,4W - 10-52VDC	
			900mA - 9-36W - 10-40VDC	
1050mA - 10,5-36,8W - 10-35VDC				
1200mA - 12-36W - 10-30VDC				



## DALI DT8 4ch TUNABLE WHITE LED Dimmer Constant Current

Constant Current LED Drivers **LED**

### Tunable White

- DALI DT8 device to control warm white and cool white outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Temperature Adjustment.
- Color control as defined in the DALI specification for device type 8, Color type Tc.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>DEM.188</b>	12-36VDC	12-36VDC (depending on the input voltage)	4x(8.4-25.2)W	4x700mA	4	0-100%	DALI DT8



## DALI DT8 4ch RGBW LED Dimmer Constant Current

### RGBW

- DALI DT8 device to control RGBW outputs via a single DALI address.
- 4 Channels constant current output.
- Enables Dimming and Color Adjustment.
- Color control as defined in the DALI specification for device type 8, color type RGBW.
- Supports DT8 device commands, compatible with DALI masters that support DT8 commands.
- Configuration via DALI master USB interface.
- Numeric digital display for setting DALI address manually.
- Waterproof grade: IP20



Code	Power Supply	Output Voltage	Max Output Power	Max Output Current	Output Channels	Dimming Range	Control
<b>DEM.189</b>	12-36VDC	12-36VDC (depending on the input voltage)	4x(4.2-12.6)W	4x350mA	4	0-100%	DALI DT8



## 4ch DALI to CONSTANT CURRENT LED Driver Converter

Constant Current LED Drivers

- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in FFC function.
- Overload, Short-circuit protection.
- Overheating protection.

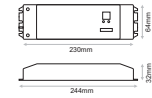


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PKC.387</b>	220-240VAC 50/60Hz	250-1500mA*	8-43VDC*	11-6.6W*	≤ 3%**	IP20

P out W/CH Max*	V out DC	I out DC	t <sub>a</sub> °C	t <sub>c</sub> °C	η max. Efficiency**
11	8-43	250 mA cost.	-25...+45	85	0.87
13	8-43	300 mA cost.			
15	8-43	350 mA cost.			
17	8-43	400 mA cost.			
19	8-43	450 mA cost.			
22	8-43	500 mA cost.			
26	8-43	600 mA cost.			
30	8-43	700 mA cost.			
34	8-43	800 mA cost.			
39	8-43	900 mA cost.			
43	8-43	1000 mA cost.			
47	8-43	1100 mA cost.			
52	8-43	1200 mA cost.			
56	8-43	1300 mA cost.			
60	8-43	1400 mA cost.			
64	8-43	1500 mA cost.			

\* CH1 + CH2 + CH3 + CH4 ≤ 64W.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



## 2ch DALI to CONSTANT CURRENT LED Driver Converter

- DALI DT6.
- Push switch dimming.
- Constant Current output selection from 250mA up to 1500mA.
- Built in FFC function.
- Overload, Short-circuit protection.
- Overheating protection.

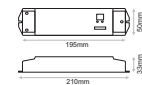


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PKC.388</b>	220-240VAC 50/60Hz	250-1500mA*	8-48VDC*	12-50W*	≤ 3%**	IP20

P out W/CH Max*	V out DC	I out DC	t <sub>a</sub> °C	t <sub>c</sub> °C	η max. Efficiency**
12	8-48	250 mA cost.	-25...+45	85	0.87
14	8-48	300 mA cost.			
17	8-48	350 mA cost.			
19	8-48	400 mA cost.			
22	8-48	450 mA cost.			
24	8-48	500 mA cost.			
29	8-48	600 mA cost.			
34	8-48	700 mA cost.			
38	8-48	800 mA cost.			
43	8-48	900 mA cost.			
48	8-48	1000 mA cost.			
51	8-48	1100 mA cost.			
49	8-41	1200 mA cost.			
49	8-38	1300 mA cost.			
49	8-35	1400 mA cost.			
50	8-33	1500 mA cost.			

\* CH1 + CH2 ≤ 50W.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



## 2ch TW DT8 DALI to CONSTANT CURRENT NFC PROGRAMMABLE LED Drivers Constant Current

Constant Current LED Drivers 

- NFC Programmable.
- DALI-2.
- Overload, Short circuit & Overtemperature protection.
- Current selectable output with 0.1mA step.
- Common anode configuration.

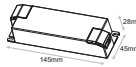
(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.546</b>	220-240VAC 50/60Hz	350-1050mA*	6-54VDC*	19-36W*	≤ 3%**	IP20	DALI-2

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	Δ max. Power Factor	η max. Efficiency*
18.9	6-54	350 mA cost.	60	-25...+45	85	0.95	86
27	6-54	500 mA cost.					
36.4	6-52	700 mA cost.					
36	6-40	900 mA cost.					
36.8	6-35	1050 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

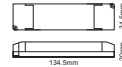


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.513</b>	220-240VAC 50/60Hz	100-700mA*	6-42VDC*	4.2-12W*	≤ 3%**	IP20	DALI-2

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	Δ max. Power Factor	η max. Efficiency*
4.2	6-42	100 mA cost.	60	-25...+45	85	0.96	80
10.5	6-42	250 mA cost.					
11.9	6-34	350 mA cost.					
12	6-24	500 mA cost.					
11.9	6-17	700 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



## 1ch DT6 DALI to CONSTANT CURRENT NFC PROGRAMMABLE LED Drivers Constant Current

- NFC Programmable.
- DALI-2.
- Overload, Short circuit & Overtemperature protection.
- Current selectable output with 0.1mA step.

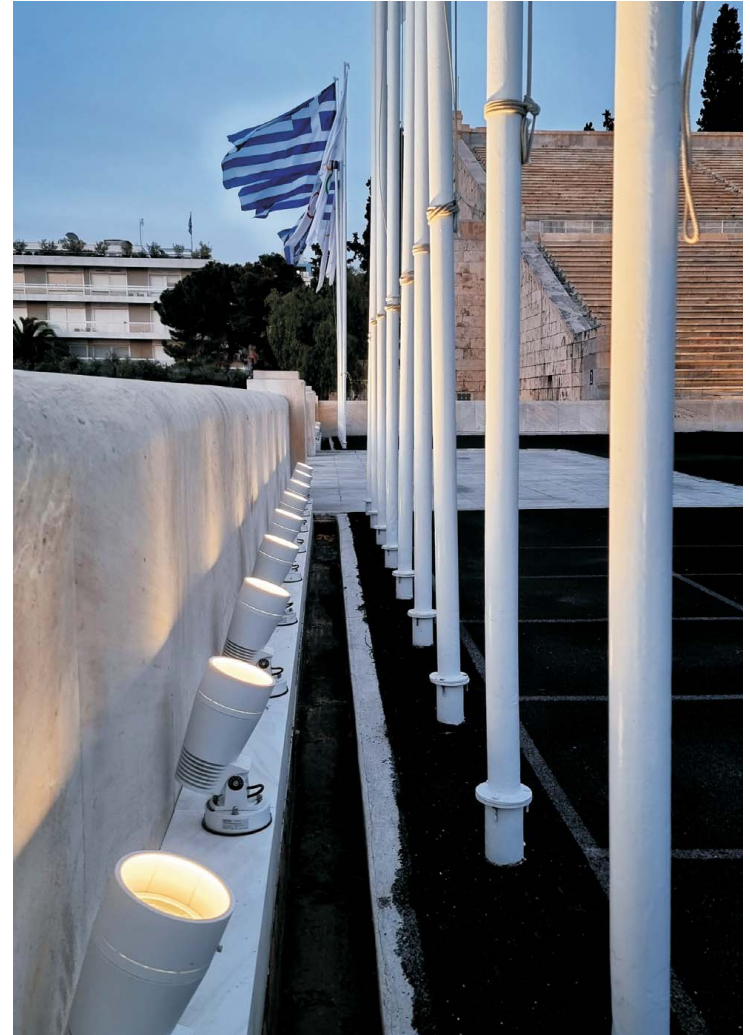
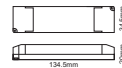
(Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.523</b>	220-240VAC 50/60Hz	100-700mA*	6-42VDC*	4.2-12W*	≤ 3%**	IP20	DALI-2

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	Δ max. Power Factor	η max. Efficiency*
4.2	6-42	100 mA cost.	60	-25...+45	85	0.96	80
10.5	6-42	250 mA cost.					
11.9	6-34	350 mA cost.					
12	6-24	500 mA cost.					
11.9	6-17	700 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



# 1ch DALI to CONSTANT CURRENT or CONSTANT VOLTAGE Converters

- Dimmable; DALI-2
- Overload & Short circuit protection.
- Ripple free.

Constant Current LED Drivers **CCM**



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PCK.318</b>	220-240VAC 50/60Hz	250-700mA*	3-49VDC*	12-20W*	≤ 3%**	IP20	DALI

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*					
12	15-49	250 mA const.	55	-25...+45	75	0.95	>0.87					
17	10-49	350 mA const.										
19	5-49	400 mA const.										
20	5-45	450 mA const.										
20	5-40	500 mA const.										
20	3-36	550 mA const.										
20	3-33	600 mA const.										
20	3-29	700 mA const.										
<b>16W at 24VDC</b> Constant Voltage												

\*Referred to  $V_{in} = 230\text{ V}$ , 100%



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PCK.324</b>	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12	10-48	250 mA const.	59	-25...+50	75	0.95	>0.87
14	10-48	300 mA const.					
17	5-48	350 mA const.					
19	5-48	400 mA const.					
22	5-48	450 mA const.					
24	5-48	500 mA const.					
26	3-48	550 mA const.					
28	3-48	600 mA const.					
31	3-48	650 mA const.					
32	3-46	700 mA const.					
<b>10W at 12VDC</b> Constant Voltage							
<b>20W at 24VDC</b> Constant Voltage							

\*Referred to  $V_{in} = 230\text{ V}$ , 100%



Constant Current LED Drivers

# 1ch DALI to CONSTANT CURRENT Converters

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PCK.540</b>	220-240VAC 50/60Hz	100-400mA*	10-42VDC*	4-12W*	≤ 1%**	IP20	DALI

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
4.2	10-42	100 mA const.	60	-25...+50	75	0.82
6.3	10-42	150 mA const.				
8.4	10-42	200 mA const.				
10.5	10-42	250 mA const.				
12	10-45	300 mA const.				
12	10-34	350 mA const.				
12	15-30	400 mA const.				

\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

- Dimming range 0.01%-100%.
- Suitable for TV studios.
- Overload, Short circuit protection.
- Overheating protection.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PCK.384</b>	220-240VAC 50/60Hz	350-700mA*	10-24VDC*	8-12W*	IP20	DALI

\*Please refer to the matrix below.

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	η max. Efficiency*
8	10-24	350 mA const.	65	-25...+50	85	0.88
10	10-24	400 mA const.				
11	10-24	450 mA const.				
12	10-24	500 mA const.				
12	10-22	550 mA const.				
12	10-20	600 mA const.				
12	10-18.5	650 mA const.				
12	10-17	700 mA const.				

\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

- Constant Current output selection from 350mA up to 700mA.
- Dimming range 0.01%-100%
- Suitable for TV studios
- Overload, Short-circuit protection
- Overheating protection



Code	Supply Voltage	Output Current	Output Voltage	Max. Power Consumption	Control
<b>PCK.296</b>	220-240VAC 50/60Hz	200-1200mA*	10-54VDC*	36W	DALI, PUSH

\*Please refer to the matrix below.

Output Power	Output Voltage	Output Current
2-10.8W	10-54V	200mA
3.5-18.9W	10-54V	350mA
5-27W	10-54V	500mA
6-32.4W	10-54V	600mA
7-36.4W	10-52V	700mA
9-36W	10-50V	700mA
10.5-36.75W	10-35V	1050mA
12-36W	10-35V	1200mA

- Overload, Short-circuit protection
- Overheating protection



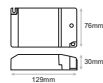
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PCK.419</b>	220-240VAC 50/60Hz	350-1200mA*	2-70VDC*	25-65W*	≤ 3%**	IP20	DALI 1-10V, PUSH

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
25	10-70	350 mA const.	95	-25...+55	80	0.98	>90
31	10-70	450 mA const.					
35	2-70	500 mA const.					
38	2-69	550 mA const.					
41	2-58	600 mA const.					
48	2-58	700 mA const.					
52	2-56	800 mA const.					
60	2-56	900 mA const.					
63	2-56	950 mA const.					
65	2-52	1050 mA const.					
65	2-54	1200 mA const.					
<b>65W at 58VDC</b> Constant Voltage							

\*Referred to  $V_{in} = 230\text{ V}$ , 100%

- Overload & Short circuit protection.



# 1ch DALI WARM DIMMING

## LED Drivers Constant Current

Constant Current LED Drivers **Cost**

### (Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PKC.471</b>	220-240VAC 50/60Hz	120-300mA*	9-45VDC*	5-10W*	IP20	DALI, PUSH

P out W	V out DC	I out DC
8.4	9-45	120 mA cost.
9	9-45	200 mA cost.
10	9-40	250 mA cost.
10	9-33	300 mA cost.

\*Please refer to the matrix below.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PKC.445</b>	220-240VAC 50/60Hz	350-700mA*	2-24VDC*	8-10W*	IP20	DALI, PUSH

P out W	V out DC	I out DC
8.4	2-24	350 mA cost.
9.6	2-24	400 mA cost.
9.9	2-22	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.

\*Please refer to the matrix below.

- Overload & Short circuit protection.
- Overheating protection.
- Supports push dim operation.

- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PKC.963</b>	220-240VAC 50/60Hz	250-700mA*	15-50VDC*	12-17W*	≤ 5%**	IP20	DALI, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
12.5	15-50	250 mA cost.	-25...+55	80	60	0.95	0.85
15	15-50	300 mA cost.					
17.2	15-49	350 mA cost.					
17.2	15-43	400 mA cost.	-25...+60	75	60	0.95	0.85
17.1	15-38	450 mA cost.					
17	15-34	500 mA cost.					
17.1	15-31	550 mA cost.	-25...+60	75	60	0.95	0.85
16.8	15-28	600 mA cost.					
16.9	15-25	650 mA cost.					
16.8	15-24	700 mA cost.	-25...+60	75	60	0.95	0.85
16.9	15-21	750 mA cost.					
16.8	15-18	800 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%

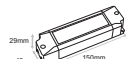
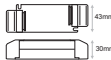
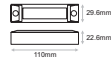
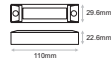
\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PKC.353</b>	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	DALI, PUSH

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
20	9-36	550 mA
20	9-28	700 mA

\*Please refer to the matrix below.

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.



Constant Current LED Drivers **Cost**

### (Amplitude dimming)

- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PKC.483</b>	220-240VAC 50/60Hz	250-700mA*	3-48VDC*	12-32W*	≤ 3%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
12	10-48	250 mA cost.	59	-25...+50	75	0.95	>87
14	10-48	300 mA cost.					
17	5-48	350 mA cost.					
19	5-48	400 mA cost.					
22	5-48	450 mA cost.					
24	5-48	500 mA cost.					
26	3-48	550 mA cost.					
28	3-48	600 mA cost.					
31	3-48	650 mA cost.					
32	3-45	700 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



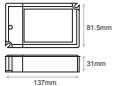
- Overload & Short circuit protection.
- Over temperature protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PKC.446</b>	220-240VAC 50/60Hz	850-1200mA*	9-45VDC*	8-40W*	≤ 3%**	IP20	DALI, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
38	9-45	850 mA cost.	55	-25...+50	95	0.95	0.88
40	9-44	900 mA cost.					
40	9-42	950 mA cost.					
40	9-40	1000 mA cost.					
40	9-38	1050 mA cost.					
40	9-36	1100 mA cost.					
40	9-35	1150 mA cost.					
40	9-33	1200 mA cost.					
40	9-31	1250 mA cost.					
40	9-30	1300 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



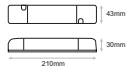
- Overload & Short circuit protection.
- DALI-2
- Supports push dim operation.
- Selectable output current in 50mA steps.
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PKC.367</b>	220-240VAC 50/60Hz	500-1050mA*	25-50VDC*	25-45W*	≤ 3%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
25	25-50	500 mA cost.	60	-25...+50	85	0.98	0.91
35	25-50	700 mA cost.					
45	25-50	900 mA cost.					
45	25-43	1050 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



# 1ch DALI / 1-10V / PUSH WARM DIMMING LED Drivers Constant Current

Constant Current LED Drivers **CK**

(Amplitude dimming)

- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PKC.971</b>	220-240VAC 50/60Hz	250-700mA*	9-60VDC*	2-21W*	IP20	DALI 1-10V**, PUSH

\*Please refer to the matrix below.  
\*\*1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
<b>15</b>	9-60	250 mA cost.	68	-20...+50	85	0.9	0.85
<b>20.5</b>	9-58	350 mA cost.					
<b>21</b>	9-42	500 mA cost.					
<b>21</b>	9-30	700 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%



- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PKC.964</b>	220-240VAC 50/60Hz	300-900mA*	9-58VDC*	3-30W*	IP20	DALI 1-10V**, PUSH

\*Please refer to the matrix below.  
\*\*1-10V dimming range 2-100%.

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
<b>17.4</b>	9-58	300 mA cost.	68	-20...+50	85	0.9	0.87
<b>20.3</b>	9-58	350 mA cost.					
<b>29</b>	9-58	500 mA cost.					
<b>30</b>	9-42	700 mA cost.					
<b>30</b>	9-34	900 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%



Constant Current LED Drivers **CK**

# 1ch DALI / 1-10V / PUSH WARM DIMMING LED Drivers Constant Current (Amplitude dimming)

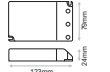
- Overload & Short circuit protection.
- Overheating protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PKC.970</b>	220-240VAC 50/60Hz	500-1050mA*	9-58VDC*	5-40W*	IP20	DALI 1-10V**, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
<b>29</b>	9-58	500 mA cost.	68	-25...+50	85	0.9	>85
<b>32</b>	9-58	550 mA cost.					
<b>35</b>	9-58	600 mA cost.					
<b>38</b>	9-58	650 mA cost.					
<b>40</b>	9-58	700 mA cost.					
<b>40</b>	9-53	750 mA cost.					
<b>40</b>	9-50	800 mA cost.					
<b>40</b>	9-47	850 mA cost.					
<b>40</b>	9-45	900 mA cost.					
<b>40</b>	9-42	950 mA cost.					
<b>40</b>	9-40	1000 mA cost.					
<b>40</b>	9-38	1050 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%

\*Please refer to the matrix below.  
\*\*1-10V dimming range 2-100%.



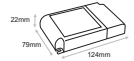
- Overload & Short circuit protection.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PKC.420</b>	220-240VAC 50/60Hz	250-700mA*	2-112VDC*	28-60W*	≤ 3%**	IP20	DALI 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
<b>28</b>	20-112	250 mA cost.	119	-25...+50	90	0.95	>0.92
<b>34</b>	20-112	300 mA cost.					
<b>39</b>	20-112	350 mA cost.					
<b>45</b>	20-112	400 mA cost.					
<b>50</b>	20-112	450 mA cost.					
<b>56</b>	2-112	500 mA cost.					
<b>60</b>	2-110	550 mA cost.					
<b>60</b>	2-100	600 mA cost.					
<b>60</b>	2-92	650 mA cost.					
<b>60</b>	2-86	700 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



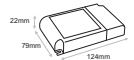
- Overload & Short circuit protection.
- DALI-2

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
<b>PKC.356</b>	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-60W*	≤ 3%**	IP20	DALI 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
<b>25</b>	2-74	350 mA cost.	90	-25...+50	90	0.95	>0.92
<b>35</b>	2-72	500 mA cost.					
<b>39</b>	2-72	550 mA cost.					
<b>44</b>	2-72	650 mA cost.					
<b>50</b>	2-72	700 mA cost.					
<b>54</b>	2-72	750 mA cost.					
<b>60</b>	2-70	850 mA cost.					
<b>60</b>	2-66	900 mA cost.					
<b>60</b>	2-60	1.00 A cost.					
<b>60</b>	2-57	1.05 A cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



# 1ch DALI WARM DIMMING NFC PROGRAMMABLE LED Drivers Constant Current

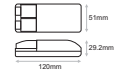
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.943</b>	220-240VAC 50/60Hz	100-1050mA*	7-4.4VDC*	4-20W*	≤ 5%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
4.4	15-44	100 mA const.	60	-25...+50	75	0.93	83
8.8	9-44	200 mA const.					
13.2	7-44	300 mA const.					
17.6	7-44	400 mA const.					
20	7-40	500 mA const.	60	-25...+45	75	0.93	83
20	7-35	600 mA const.					
20	7-28	700 mA const.					
20	7-25	800 mA const.					
20	7-22	900 mA const.					
20	7-19	1050 mA const.					

\*Referred to  $V_{in} = 230 V, 100\%$

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230 V, 100\%$  load



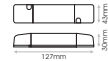
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.973</b>	220-240VAC 50/60Hz	300-700mA*	7-4.2VDC*	12-28W*	≤ 2%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
12.6	7.5-42	300 mA const.	60	-25...+50	80	0.97	86
16.8	7.5-42	400 mA const.					
21	7.5-42	600 mA const.					
25.2	7.5-42	600 mA const.					
28	7.5-40	700 mA const.	60	-25...+40	75	0.95	88
28	7.5-40	700 mA const.					

\*Referred to  $V_{in} = 230 V, 100\%$

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230 V, 100\%$  load



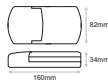
- NFC Programmable.
- DALI-2
- Overload & Short circuit protection.
- Current selectable output with 1mA step.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.956</b>	220-240VAC 50/60Hz	450-1050mA*	27-5.6VDC*	24-45W*	≤ 5%**	IP20	DALI

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Power Factor	η max. Efficiency*
24.3	27-54	450 mA const.	60	-25...+50	70	0.95	88
27	27-54	500 mA const.					
32.4	27-54	600 mA const.					
37.8	27-54	700 mA const.					
43.2	27-54	800 mA const.	60	-25...+40	75	0.95	88
45	27-50	900 mA const.					
45	27-43	1050 mA const.					

\*Referred to  $V_{in} = 230 V, 100\%$

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230 V, 100\%$  load



Constant Current LED Drivers **PKC**

(Amplitude dimming)

Constant Current LED Drivers **PKC**

# 1ch DALI DIMMABLE IP68 NFC PROGRAMMABLE LED Drivers Constant Current

- NFC Programmable.
- Current selectable output with 1mA step.
- Supports push dim operation.
- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

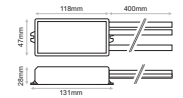


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	ta °C	IP Rate	Dimming
<b>PKC.543</b>	220-240VAC 50/60Hz	150-1050mA*	8-38VDC*	≤ 3%**	-25...+50	IP68	DALI, PUSH	

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230 V, 100\%$  load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Efficiency*
8	10-54	150 mA const.	59	90	>0.89	
14	10-54	250 mA const.				
19	10-54	350 mA const.	60	90	>0.89	
27	10-54	500 mA const.				
38	10-54	700 mA const.				
38	10-42	900 mA const.				
38	10-36	1050 mA const.	60	90	>0.89	
38	10-36	1050 mA const.				

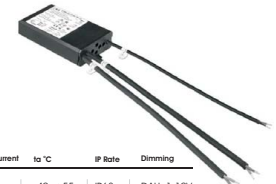
\*Referred to  $V_{in} = 230 V, 100\%$



# 1ch DALI DIMMABLE IP68 LED Drivers Constant Current

(Amplitude dimming)

- IP68
- DALI-2
- Overload & Short circuit protection.
- Overheating protection.

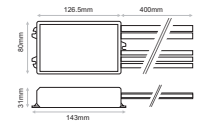


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	ta °C	IP Rate	Dimming
<b>PKC.491</b>	220-240VAC 50/60Hz	350-1400mA*	10-50VDC*	18-70W*	≤ 3%**	-40...+55	IP68	DALI, 1-10V

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230 V, 100\%$  load

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	λ max. Efficiency*
18	10-50	350 mA const.	60	90	>0.92	
25	10-50	500 mA const.				
28	10-50	700 mA const.	60	90	>0.92	
45	10-50	900 mA const.				
53	10-50	1050 mA const.				
60	10-50	1200 mA const.				
70	10-50	1400 mA const.	60	90	>0.92	
70	10-50	1400 mA const.				

\*Referred to  $V_{in} = 230 V, 100\%$



# 1ch DIMMABLE 1-10V CONSTANT CURRENT or CONSTANT VOLTAGE Universal Drivers

- Selectable Dimmable Constant Current or Constant Voltage driver.
- Selectable by dip-switches.
- Dimmable 1-10V.
- Supports push dim operation.

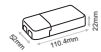
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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**PKC.327** 220-240VAC 50/60Hz | 100-380mA\* | 2-53VDC\* | 5-20W\* |  $\leq 3\%^{**}$  | IP20 | 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	λ max. Power Factor	η max. Efficiency*
5	20-53	100 mA cost.	89	-25...+50	75	0.95	>0.87
14	2-53	260 mA cost.					
16	2-53	300 mA cost.					
18	5-53	340 mA cost.					
20	3-53	380 mA cost.					
9W at 24VDC Constant Voltage							

\*Referred to V<sub>in</sub> = 230 V, 100%.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



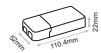
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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**PKC.325** 220-240VAC 50/60Hz | 250-900mA\* | 3-53VDC\* | 13-20W\* |  $\leq 3\%^{**}$  | IP20 | 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	λ max. Power Factor	η max. Efficiency*
13	20-53	250 mA cost.	59	-25...+50	80	0.95	>0.85
15	20-53	300 mA cost.					
18	15-50	350 mA cost.					
20	5-40	500 mA cost.					
20	3-29	700 mA cost.					
20	3-23	900 mA cost.					
11W at 12VDC Constant Voltage							
20W at 24VDC Constant Voltage							

\*Referred to V<sub>in</sub> = 230 V, 100%.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



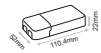
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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**PKC.323** 220-240VAC 50/60Hz | 350-900mA\* | 2-43VDC\* | 15-20W\* |  $\leq 3\%^{**}$  | IP20 | 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	λ max. Power Factor	η max. Efficiency*
15	2-43	350 mA cost.	49	-25...+50	80	0.95	>0.87
20	2-40	500 mA cost.					
20	2-36	550 mA cost.					
20	2-29	700 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
10W at 12VDC Constant Voltage							
20W at 24VDC Constant Voltage							

\*Referred to V<sub>in</sub> = 230 V, 100%.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



Constant Current LED Drivers **PKC**

Constant Current LED Drivers **PKC**

# 1ch DIMMABLE 1-10V CONSTANT CURRENT or CONSTANT VOLTAGE Universal Drivers

- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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**PKC.098** 220-240VAC 50/60Hz | 250-900mA\* | 2-53VDC\* | 13-32W\* |  $\leq 3\%^{**}$  | IP20 | 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	λ max. Power Factor	η max. Efficiency*
13	15-53	250 mA cost.	59	-25...+45	75	0.95	>0.88
16	15-53	300 mA cost.					
18	15-53	350 mA cost.					
21	15-53	400 mA cost.					
23	5-52	450 mA cost.					
25	2-50	500 mA cost.					
27	2-50	550 mA cost.					
30	2-50	600 mA cost.					
32	2-49	650 mA cost.					
35	2-46	700 mA cost.					
20	2-27	750 mA cost.					
20	2-25	800 mA cost.					
20	2-24	850 mA cost.					
20	2-22	900 mA cost.					
11W at 12VDC Constant Voltage							
20W at 24VDC Constant Voltage							

\*Referred to V<sub>in</sub> = 230 V, 100%.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



- Overload, Short-circuit protection.
- Overheating protection.
- Does not support push dim operation.

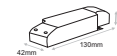
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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**PKC.391** 220-240VAC 50/60Hz | 300-1050mA\* | 10-54VDC\* | 16-36W\* |  $\leq 3\%^{**}$  | IP20 | 1-10V

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	λ max. Power Factor	η max. Efficiency*
16	10-54	300 mA cost.	59	-25...+40	80	0.95	>0.9
18	10-54	350 mA cost.					
27	10-64	600 mA cost.					
36	10-51	700 mA cost.					
36	10-40	900 mA cost.					
36	10-35	1050 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



- Overload, Short-circuit protection.
- Overheating protection.
- Supports push dim operation.

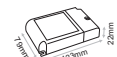
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate	Dimming
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**PKC.180** 220-240VAC 50/60Hz | 350-1050mA\* | 20-74VDC\* | 25-50W\* |  $\leq 3\%^{**}$  | IP20 | 1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	λ max. Power Factor	η max. Efficiency*
25	20-74	350 mA cost.	90	-25...+50	85	0.95	>0.89
35	20-72	500 mA cost.					
50	20-71	700 mA cost.					
50	20-55	900 mA cost.					
50	20-48	1050 mA cost.					
50W at 48VDC Constant Voltage							

\*Referred to V<sub>in</sub> = 230 V, 100%.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load





# 1ch DIMMABLE 1-10V & LEADING or TRAILING EDGE LED Driver Constant Current

Constant Current LED Drivers **LED**

350mA, 500mA



Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range
PCK.281	220-240VAC / 50Hz	14-28VDC	5-10W	350mA	1-10V or Trailing Edge or Leading Edge	10-100%
PCK.245	220-240VAC / 50Hz	10-20VDC	5-10W	500mA	1-10V or Trailing Edge or Leading Edge	10-100%

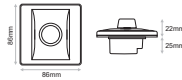


# 1ch DIMMABLE 1-10V Control Potentiometer Constant Current

Code	Description
PCK.206	1-10V control potentiometer



Code	Description
CDS.019	1-10V control panel

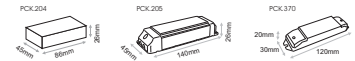


Constant Current LED Drivers **LED**

# 1ch DIMMABLE 1-10V LED Driver Constant Current

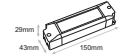


Code	Supply Voltage	Output Voltage	Output Power	Output Current	Dimming Control	Dimming Range
PCK.204	110-255VAC 50/60Hz	3-18VDC	1-6W	350mA	1-10V	10-100%
PCK.205	110-255VAC 50/60Hz	9-36VDC	3-12W	350mA	1-10V	10-100%
PCK.370	100-240VAC 50/60Hz	3-24VDC	8.4W	350mA	1-10V	0.01-100%



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.358	200-240VAC 50/60Hz	200-350mA	9-40V	8-12W	1-10V

P out W	V out DC	I out DC
8W	40V	200 mA
10W	40V	250 mA
12W	40V	300 mA
12W	34V	350 mA



- Constant Current output selection from 350mA up to 700mA.
- Suitable for TV studios.
- Overload, Short-circuit protection.
- Overheating protection.
- LF Current Ripple (<120Hz) <3%

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
PCK.430	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	1-10V

P out W	V out DC	I out DC
7.4	2-21	350 mA cost.
8.4	2-21	400 mA cost.
9.5	2-21	450 mA cost.
10	2-20	500 mA cost.
9.9	2-18	550 mA cost.
9.6	2-16	600 mA cost.
9.8	2-15	650 mA cost.
9.8	2-14	700 mA cost.

\*Please refer to the matrix below.



# 1ch 1-10V DIMMABLE LED Drivers Constant Current

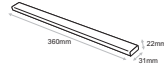
Constant Current LED Drivers **CK01**

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.217</b>	220-240VAC 50/60Hz	140-350mA*	30-250VDC*	35-80W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
35	30-260	140 mA cost.	300	-25...+55	85	0.95	>93
38	30-260	155 mA cost.					
43	30-260	170 mA cost.					
46	30-260	185 mA cost.					
50	30-260	200 mA cost.					
54	30-260	215 mA cost.					
58	30-260	230 mA cost.					
61	30-260	245 mA cost.					
65	30-260	260 mA cost.					
69	30-260	275 mA cost.					
73	30-260	290 mA cost.					
76	30-260	305 mA cost.					
80	30-260	320 mA cost.					
80	30-235	335 mA cost.					
80	30-228	350 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

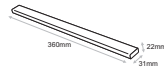


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.357</b>	220-240VAC 50/60Hz	220-500mA*	30-170VDC*	37-80W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
37	30-170	220 mA cost.	210	-25...+50	85	0.95	>92
41	30-170	240 mA cost.					
44	30-170	260 mA cost.					
48	30-170	280 mA cost.					
51	30-170	300 mA cost.					
54	30-170	320 mA cost.					
58	30-170	340 mA cost.					
61	30-170	360 mA cost.					
65	30-170	380 mA cost.					
68	30-170	400 mA cost.					
71	30-170	420 mA cost.					
75	30-170	440 mA cost.					
78	30-170	460 mA cost.					
80	30-167	480 mA cost.					
80	30-160	500 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

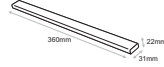


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate	Dimming
<b>PKC.322</b>	220-240VAC 50/60Hz	350-700mA*	30-120VDC*	42-80W*	≤ 3%**	IP20	1-10V, PUSH

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
42	30-120	350 mA cost.	180	-25...+50	85	0.95	>92
46	30-120	375 mA cost.					
48	30-120	400 mA cost.					
51	30-120	425 mA cost.					
54	30-120	450 mA cost.					
57	30-120	475 mA cost.					
60	30-120	500 mA cost.					
63	30-120	525 mA cost.					
66	30-120	550 mA cost.					
69	30-120	575 mA cost.					
72	30-120	600 mA cost.					
75	30-120	625 mA cost.					
78	30-120	650 mA cost.					
80	30-118	675 mA cost.					
80	30-114	700 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100%.

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



Constant Current LED Drivers **CK02**

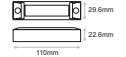
# 1ch 1-10V WARM DIMMING LED Drivers Constant Current

## (Amplitude dimming)

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PKC.468</b>	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	1-10V

\*Please refer to the matrix below.

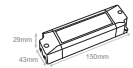
P out W	V out DC	I out DC
5	9-42	120 mA cost.
6-3	9-42	150 mA cost.
7-6	9-42	180 mA cost.
8-4	9-42	200 mA cost.
9-8	9-41	240 mA cost.
10	9-37	270 mA cost.
10	9-33	300 mA cost.
10	9-28	350 mA cost.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PKC.352</b>	220-240V 50/60Hz	280-450mA*	3-40VDC*	11.2-14.85W*	1-10V

\*Please refer to the matrix below.

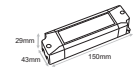
P out W	V out DC	I out DC
11.2	3-40	280 mA
14	3-40	350 mA
14.85	3-33	450 mA



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PKC.381</b>	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	1-10V

\*Please refer to the matrix below.

P out W	V out DC	I out DC
14	9-40	350 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.6	9-28	700 mA



# 1ch 1-10V DIMMABLE IP68 LED Drivers Constant Current

Constant Current LED Drivers **IP68**

- IP68
- Overload & Short circuit protection.
- Overheating protection.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
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<b>PCK.463</b>	220-240VAC 50/60Hz	350mA	2-46VDC	1-16W	≤ 3%*	-40...+60	IP68	1-10V
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\*Referred to  $V_{in} = 230 V$ , 100% load



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
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<b>PCK.464</b>	220-240VAC 50/60Hz	500mA	2-40VDC	1-20W	≤ 3%*	-40...+60	IP68	1-10V
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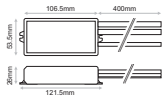
\*Referred to  $V_{in} = 230 V$ , 100% load



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	ta °C	IP Rate	Dimming
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<b>PCK.465</b>	220-240VAC 50/60Hz	700mA	2-24VDC or 24VDC const.	1-17W	≤ 3%*	-40...+60	IP68	1-10V
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\*Referred to  $V_{in} = 230 V$ , 100% load



Constant Current LED Drivers

# 1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS) DIMMABLE LED Drivers Constant Current

- Overload & Short circuiting protection.
- Overheating protection.



Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Channel Power	Control
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<b>18W / 350mA</b> <b>PCK.242</b>	220-240VAC 50/60Hz	15-52VDC	350mA	1	6-18W	Dimmable with leading or trailing edge dimmer
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<b>18W / 500mA</b> <b>PCK.362</b>	220-240VAC 50/60Hz	18-36VDC	500mA	1	9-18W	Dimmable with trailing edge dimmer
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<b>25W / 500mA</b> <b>PCK.501</b>	220-240VAC 50/60Hz	25-50VDC	500mA	1	12.5-25W	Dimmable with trailing edge dimmer
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<b>40W / 500mA</b> <b>PCK.313</b>	220-240VAC 50/60Hz	40-80VDC	500mA	1	20-40W	Dimmable with leading or trailing edge dimmer
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<b>10W / 700mA</b> <b>PCK.434</b>	220-240VAC 50/60Hz	8-15VDC	700mA	1	10W	Dimmable with leading or trailing edge dimmer
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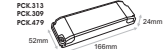
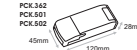
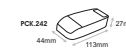
<b>18W / 700mA</b> <b>PCK.502</b>	220-240VAC 50/60Hz	13-26VDC	700mA	1	9.1-18.2W	Dimmable with leading or trailing edge dimmer
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<b>45W / 1050mA</b> <b>PCK.309</b>	220-240VAC 50/60Hz	22-43VDC	1050mA	1	22-45W	Dimmable with leading or trailing edge dimmer
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<b>50W / 1300mA</b> <b>PCK.479</b>	220-240VAC 50/60Hz	20-39VDC	1300mA	1	25-50W	Dimmable with leading or trailing edge dimmer
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Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Control
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<b>PCK.360</b>	200-240VAC 50/60Hz	9-42VDC	180mA / 7.5W 240mA / 10W 300mA / 12W	1	Dimmable with leading or trailing edge dimmer
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# 1ch LEADING or TRAILING EDGE (PHASE CUT DIMMERS) DIMMABLE LED Drivers Constant Current

Constant Current LED Drivers 

- Overload & Short circuiting protection.
- Overheating protection.



Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
<b>PCK.291</b>	220-240VAC 50/60Hz	28-42VDC	180-350mA*	1	7.6-14.7W*	Dimmable with leading or trailing edge dimmer

P out W	V out DC	I out DC
<b>7.6W</b>	28-42VDC	180 mA
<b>10.5W</b>	28-42VDC	250 mA
<b>14.7W</b>	28-42VDC	350 mA

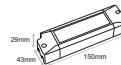
\*Please refer to the matrix below.



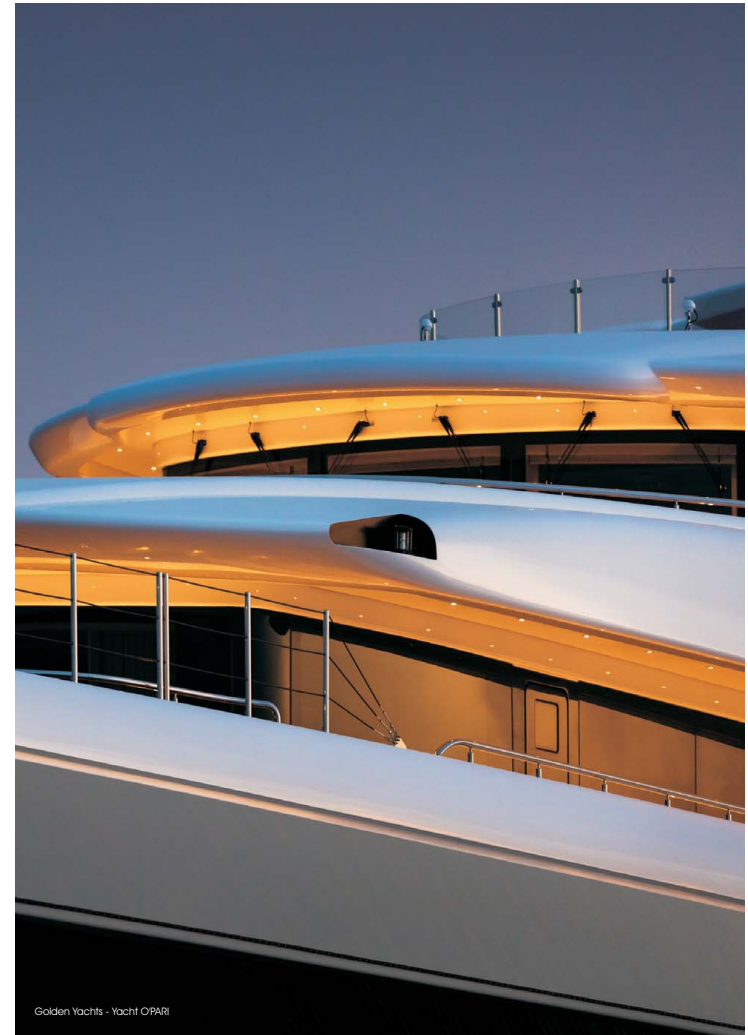
Code	Supply Voltage	Output Voltage	Output Current	Output Channels	Output Power	Control
<b>PCK.395</b>	220-240VAC 50/60Hz	9-40VDC*	350-500mA*	1	14-15W*	Dimmable with leading or trailing edge dimmer

P out W	V out DC	I out DC
<b>14W</b>	9-40VDC	350 mA
<b>14.8W</b>	9-37VDC	400 mA
<b>14.9W</b>	9-33VDC	450 mA
<b>15W</b>	9-30VDC	500 mA

\*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.936</b>	220-240VAC 50/60Hz	700mA	3-20VDC	14W	Trailing or Leading Edge Dimmer



Golden Yachts - Yacht OPARI

# 1ch PHASE CUT WARM DIMMING LED Drivers Constant Current

(Amplitude dimming)

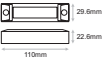
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.962</b>	220-240VAC 50/60Hz	180mA	27-42VDC	4.9-7.6W	Trailing or Leading Edge Dimmer
<b>PCK.960</b>	220-240VAC 50/60Hz	350mA	3-20VDC	1.1-7W	Trailing or Leading Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.469</b>	220-240VAC 50/60Hz	120-350mA*	9-42VDC*	5-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
5	9-42	120
6.3	9-42	150
7.6	9-42	180
8.8	9-42	210
10	9-40	250
9.9	9-33	300
9.9	9-31	350
9.8	9-28	350

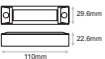
\*Please refer to the matrix below.



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.459</b>	220-240VAC 50/60Hz	350-700mA*	2-21VDC*	7-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
7.4	2-21	350
8.4	2-21	400
9.5	2-21	450
10	2-20	500
9.9	2-18	550
9.6	2-16	600
9.8	2-15	650
9.8	2-14	700

\*Please refer to the matrix below.



- Flicker-free
- Protection: Short circuit, overheating, overload.

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.379</b>	220-240VAC 50/60Hz	350-700mA*	3-24VDC*	8.4-10W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
8.4	3-24	350
9.6	3-24	400
9.9	3-22	450
10	3-20	500
9.9	3-18	550
9.6	3-16	600
9.6	3-15	650
9.8	3-14	700

\*Please refer to the matrix below.



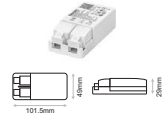
Constant Current LED Drivers **1ch**

**1ch** Constant Current LED Drivers

# 1ch PHASE CUT WARM DIMMING LED Drivers Constant Current

(Amplitude dimming)

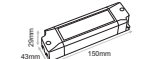
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.954</b>	220-240VAC 50/60Hz	350mA	27-42VDC	9.5-14.7W	Trailing or Leading Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.354</b>	220-240VAC 50/60Hz	280-450mA*	3-42VDC*	11.8-15W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
11.8	3-42	280 mA
14.7	3-42	350 mA
15	3-33	450 mA

\*Please refer to the matrix below.



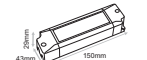
Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PCK.363</b>	220-240VAC 50/60Hz	600mA	21-42VDC	12.6-25.2W	IP20	Trailing Edge Dimmer



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Dimming
<b>PCK.375</b>	220-240VAC 50/60Hz	350-700mA*	9-40VDC*	14-20W*	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC
14	9-40	350 mA
16	9-40	400 mA
18	9-40	450 mA
20	9-40	500 mA
19.8	9-36	550 mA
19.8	9-33	600 mA
19.5	9-30	650 mA
19.6	9-28	700 mA

\*Please refer to the matrix below.



Code	Supply Voltage	Max. Output	Output Current	Output Voltage	Power Factor	Efficiency Full Load	Ambient Temperature	IP Rate
<b>PCK.480</b>	220-240VAC 50/60Hz	40W	700mA	28-56VDC	0.95A	87%	-20°C - +50°C	IP20

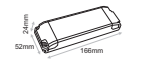


Code	Supply Voltage	Output Current	Output Voltage	Power Output	IP Rate	Dimming
<b>PCK.345</b>	220-240VAC 50/60Hz	900mA*	22-42VDC*	38W*	IP20	Trailing or Leading Edge Dimmer

P out W	V out DC	I out DC	V out max. °C	t <sub>a</sub> °C	η max. Power Factor	η max. Efficiency*
38	22-42	900 mA const.	90	-20...+50	80	0.95

\*Please refer to the matrix below.  
\*\*Referred to V<sub>i</sub> = 230 V, 100% load

\*Referred to V<sub>i</sub> = 230 V, 100% load





## 1ch MULTI POWER LED Drivers Constant Current

### PK215 Constant Current LED Drivers

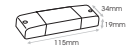
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PK215</b>	220-240VAC 50/60Hz	60-360mA*	2-41VDC*	2.5-15W*	≤ 3%**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	A max. Power Factor	η max. Efficiency*
2.5	2...41.5	60 mA cost.	44	25...+48	75	0.94C	82
3.5	2...41.5	80 mA cost.					
4.1	2...41.5	100 mA cost.					
5	2...41.5	120 mA cost.					
5.8	2...41.5	140 mA cost.					
6.6	2...41.5	160 mA cost.					
7.4	2...41.5	180 mA cost.					
8.3	2...41.5	200 mA cost.					
9.1	2...41.5	220 mA cost.					
10	2...41.5	240 mA cost.					
10.8	2...41.5	260 mA cost.					
11.6	2...41.5	280 mA cost.					
12.4	2...41.5	300 mA cost.					
13.2	2...41.5	320 mA cost.					
14.1	2...41.5	340 mA cost.					
15	2...41.5	360 mA cost.					

\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

- Constant Current output selection from 60mA up to 360mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



- Constant Current output selection from 350mA up to 700mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PK929</b>	220-240VAC 50/60Hz	350-700mA*	14-50VDC*	17.5-20W*	≤ 5%**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	A max. Power Factor	η max. Efficiency*
17.5	25...50	350 mA cost.	60	-25...+50	85	0.95	≤ 0.85
20	20...40	500 mA cost.					
20	14...28.5	700 mA cost.					

\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load



- Constant Current output selection from 250mA up to 700mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PK343</b>	220-240VAC 50/60Hz	250-700mA*	2-54VDC*	13-20W*	≤ 3%**	IP20

P out W	V out DC	I out DC	V out max.	ta °C	tc °C	A max. Power Factor	η max. Efficiency*
13	10...54	250 mA cost.	59	-25...+50	80	0.97	>88
19	2...54	350 mA cost.					
20	2...50	400 mA cost.					
20	2...44	450 mA cost.					
20	2...40	500 mA cost.					
20	2...37	550 mA cost.					
20	2...34	600 mA cost.					
20	2...29	700 mA cost.					

\*Referred to  $V_{in} = 230\text{ V}$ , 100% load

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230\text{ V}$ , 100% load



**1ch MULTI POWER**  
LED Drivers Constant Current

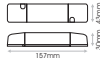
- Constant Current output selection from 350mA up to 600mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PCK.922</b>	220-240VAC 50/60Hz	350-600mA*	27-44VDC*	15,4-26,4W*	≤ 5 %**	IP20

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
15.4	27..44	350 mA cost.	60	-25...+50	80	0.95	≤ 0.88
17.6	27..44	400 mA cost.					
19.8	27..44	450 mA cost.					
22	27..44	500 mA cost.					
24.4	27..44	550 mA cost.					
26.4	27..44	600 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



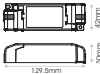
Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PCK.213</b>	220-240VAC 50/60Hz	250-1000mA*	10-45VDC*	11-32W*	± 20 %**	IP20

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
11	10..45	250 mA cost.	60	-25...+50	80	0.95	> 89
13	10..45	300 mA cost.					
16	10..45	350 mA cost.					
18	10..45	400 mA cost.					
20	10..45	450 mA cost.					
22	10..45	500 mA cost.					
25	10..45	550 mA cost.					
27	10..45	600 mA cost.					
29	10..45	650 mA cost.					
32	10..45	700 mA cost.					
32	10..42	750 mA cost.					
32	10..40	800 mA cost.					
32	10..38	850 mA cost.					
32	10..36	900 mA cost.					
32	10..34	950 mA cost.					
32	10..30	1000 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load

- Constant Current output selection from 250mA up to 1000mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable



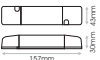
- Constant Current output selection from 500mA up to 800mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Adjustable current output resistor (to be ordered separately).
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PCK.925</b>	220-240VAC 50/60Hz	500-800mA*	25-44VDC*	21-35,2W*	≤ 5 %**	IP20

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
21	25..42	500 mA cost.	60	-25...+50	80	0.95	≤ 0.88
25.2	25..42	600 mA cost.					
28.6	25..44	650 mA cost.					
31.5	25..45	700 mA cost.					
35.2	30..44	800 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



Constant Current LED Drivers **1ch**

Constant Current LED Drivers

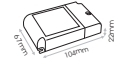
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (typical ripple at max output current ≤ 3 %\*\*).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PCK.214</b>	220-240VAC 50/60Hz	350-1050mA*	2-42VDC*	15-39W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
15	2..42V	350mA cost.	65	-25...+50	80	0.95	> 90
21	2..42V	500mA cost.					
23	2..42V	550mA cost.					
27	2..42V	650mA cost.					
29	2..42V	700mA cost.					
31	2..42V	750mA cost.					
35	2..42V	850mA cost.					
37	2..42V	900mA cost.					
39	2..37V	1.05A cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



- Constant Current output selection from 300mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PCK.484</b>	220-240VAC 50/60Hz	300-1050mA*	3-44VDC*	13-42W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
13	3..44	300 mA cost.	65	-25...+45	80	0.95	≤ 90
15	3..44	350 mA cost.					
18	3..44	400 mA cost.					
20	3..44	450 mA cost.					
22	3..44	500 mA cost.					
24	3..44	550 mA cost.					
27	3..44	600 mA cost.					
29	3..44	650 mA cost.					
31	3..44	700 mA cost.					
32	3..44	750 mA cost.					
33	3..42	800 mA cost.					
35	3..42	850 mA cost.					
38	3..42	900 mA cost.					
40	3..42	950 mA cost.					
42	3..42	1000 mA cost.					
42	3..40	1050 mA cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



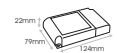
- Constant Current output selection from 350mA up to 1050mA.
- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- RIPPLE FREE (typical ripple at max output current ≤ 3 %\*\*).

Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple at max output current	IP Rate
<b>PCK.440</b>	220-240VAC 50/60Hz	350-1050mA*	2-74VDC*	25-50W*	≤ 3 %**	IP20

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency*
25	2..74V	350mA cost.	65	-25...+50	85	0.95	> 89
35	2..72V	500mA cost.					
39	2..72V	550mA cost.					
46	2..72V	650mA cost.					
50	2..71V	700mA cost.					
50	2..66V	750mA cost.					
50	2..60V	800mA cost.					
50	2..55V	900mA cost.					
50	2..48V	1.05A cost.					

\*Referred to V<sub>in</sub> = 230 V, 100% load

\*Please refer to the matrix below.  
\*\*Referred to V<sub>in</sub> = 230 V, 100% load



**1ch MULTI POWER**  
LED Drivers Constant Current

Constant Current LED Drivers **PACK**

- Constant Current output selection from 250mA up to 350mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

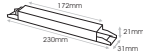


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PCK.914</b>	220-240VAC 50/60Hz	250-350mA*	25-54VDC*	13.5-19W*	≤ 7.5%**	IP20

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V$ , 100% load

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency
13.5	25.54	250 mA cost.	60	25...+50	65	0.9	<84%**
14.9	25.54	275 mA cost.					
16.2	25.54	300 mA cost.					
17.6	25.54	325 mA cost.					
19	25.54	350 mA cost.					

\*Referred to  $V_{in} = 230V$ , 100% load



- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

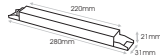


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PCK.909</b>	220-240VAC 50/60Hz	100-400mA*	50-140VDC*	14-50W*	≤ 5%**	IP20

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V$ , 100% load

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency
14	60,140	100 mA cost.	250	25...+50	75	0.98	<93%**
21	60,140	150 mA cost.					
28	60,140	200 mA cost.					
35	60,140	250 mA cost.					
42	60,140	300 mA cost.					
49	60,140	350 mA cost.					
50	60,125	400 mA cost.					

\*Referred to  $V_{in} = 230V$ , 100% load



- Constant Current output selection from 100mA up to 400mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

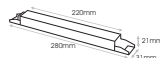


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PCK.934</b>	220-240VAC 50/60Hz	100-400mA*	220-188VDC*	22-75W*	≤ 5%**	IP20

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V$ , 100% load

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency
22	60,220	100 mA cost.	250	25...+50	80	0.99	<94%**
33	60,220	150 mA cost.					
44	60,220	200 mA cost.					
55	60,220	250 mA cost.					
66	60,220	300 mA cost.					
75	60,214	350 mA cost.					
75	60,188	400 mA cost.					

\*Referred to  $V_{in} = 230V$ , 100% load



Constant Current LED Drivers **PACK**

**1ch MULTI POWER**  
LED Drivers Constant Current

- Constant Current output selection: from 350mA up to 500mA (PCK.320), from 200mA up to 350mA (PCK.216).
- Protections: Short circuits, Overheating, Overloads.
- Non-Dimmable



Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PCK.216</b>	220-240VAC 50/60Hz	200-350mA*	30-270VDC*	54-80W*	≤ 3%**	IP20
<b>PCK.320</b>	220-240VAC 50/60Hz	350-500mA*	30-210VDC*	73.5-80W*	≤ 3%**	IP20

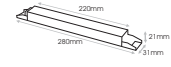
\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V$ , 100% load

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency
54	30...270	200 mA cost.	250	25...+50	85	0.95*	>94%**
56.5	30...270	210 mA cost.					
59	30...270	220 mA cost.					
62	30...270	230 mA cost.					
64.5	30...270	240 mA cost.					
67.5	30...270	250 mA cost.					
70	30...270	260 mA cost.					
72.5	30...270	270 mA cost.					
75	30...270	280 mA cost.					
78	30...270	290 mA cost.					
80	30...266	300 mA cost.	300	25...+50	85	>94%**	
80	30...258	310 mA cost.					
80	30...250	320 mA cost.					
80	30...242	330 mA cost.					
80	30...235	340 mA cost.					
80	30...228	350 mA cost.					

\*Pout>40W  
\*\* Referred to  $V_{in} = 230V$ , 100% load

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency
73.5	30...210	350 mA cost.	250	25...+50	85	0.95	>93%**
76.5	30...210	360 mA cost.					
77.5	30...210	370 mA cost.					
80	30...210	380 mA cost.					
80	30...205	390 mA cost.					
80	30...200	400 mA cost.					
80	30...195	410 mA cost.					
80	30...190	420 mA cost.					
80	30...186	430 mA cost.					
80	30...181	440 mA cost.					
80	30...177	450 mA cost.	300	25...+50	85	>93%**	
80	30...172	460 mA cost.					
80	30...170	470 mA cost.					
80	30...166	480 mA cost.					
80	30...163	490 mA cost.					
80	30...160	500 mA cost.					

\*Referred to  $V_{in} = 230V$ , 100% load



- Constant Current output selection from 250mA up to 700mA.
- Short-circuit, Overheating, Overload protection.
- Non-Dimmable

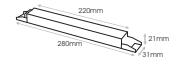


Code	Supply Voltage	Output Current	Output Voltage	Power Output	Typical ripple of max output current	IP Rate
<b>PCK.955</b>	220-240VAC 50/60Hz	250-700mA*	220-143VDC*	55-100W*	≤ 5%**	IP20

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V$ , 100% load

P out W	V out DC	I out DC	V out max.	t <sub>a</sub> °C	t <sub>c</sub> °C	A max. Power Factor	η max. Efficiency
55	80,220	250 mA cost.	250	25...+60	75	0.99	≤ 0.95
66	80,220	300 mA cost.					
77	80,220	350 mA cost.					
88	80,220	400 mA cost.					
99	80,220	450 mA cost.					
100	80,200	500 mA cost.					
100	80,182	550 mA cost.					
100	80,167	600 mA cost.					
100	80,154	650 mA cost.					
100	80,143	700 mA cost.					

\*Referred to  $V_{in} = 230V$ , 100% load





# 1ch 350-700mA

## Small Size

### LED Drivers Constant Current

Constant Current LED Drivers **LED**

- Non-Dimmable
- Short circuit protection.
- Suitable for cutting holes down to 32mm.



### 350mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.474	220-240VAC 50/60Hz	5-10VDC	1.7-3.5W	350mA	IP20



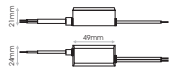
### 500mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.475	220-240VAC 50/60Hz	5-10VDC	2.5-5W	500mA	IP20



### 700mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.476	220-240VAC 50/60Hz	5-10VDC	3.5-7W	700mA	IP20



Constant Current LED Drivers **LED**

# 1ch 200-1050mA

## LED Drivers Constant Current



- Non-Dimmable
- Short circuit protection.
- Overload protection.

### 200mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.958	220-240VAC 50/60Hz	23-40VDC	4.6-8W	200mA	IP20



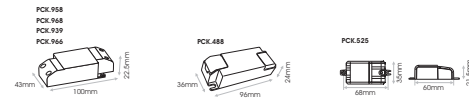
### 250mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.525	110-240VAC 50/60Hz	2-36VDC	0.5-9W	250mA	IP20
PCK.968	220-240VAC 50/60Hz	23.2-40VDC	5.8-10W	250mA	IP20
PCK.488	220-240VAC 50/60Hz	25-42VDC	6.3-10.5W	250mA	IP20



### 300mA

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.939	220-240VAC 50/60Hz	30-42VDC	9-12.6W	300mA	IP20
PCK.966	220-240VAC 50/60Hz	28-50VDC	8.4-15W	300mA	IP20



**1ch 200-1050mA**  
LED Drivers Constant Current

- Non-Dimmable
- Short circuit protection.
- Overload protection.

**350mA**

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.522	110-240VAC 50/60Hz	2-23VDC	0.7-8W	350mA	IP20
PCK.184	110-240VAC 50/60Hz	3-24VDC	1-8W	350mA	IP20
PCK.202	110-255VAC 50/60Hz	3-36VDC	1-8W	350mA	IP20
PCK.477	220-240VAC 50/60Hz	14-24VDC	4.9-8.4W	350mA	IP20
PCK.919	220-240VAC 50/60Hz	17.1-29.1VDC	6-10.2W	350mA	IP20



Code	Supply Voltage	Output Voltage	Output Power	Output Current	Typical ripple of max output current	IP Rate
PCK.319	220-240VAC 50/60Hz	2-41VDC*	15W*	350mA*	≤ 3%*	IP20

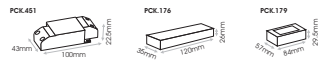
\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V, 100\%$  load

$P_{out}$ W	$V_{out}$ DC	$I_{out}$ DC	$V_{out}$ ripples	$r_{DC}$ %	$\eta$ max. Efficiency*
15	2...41	350 mA const.	44...25...+45	75	0.54C
					77

\*Referred to  $V_{in} = 230V, 100\%$  load



Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.451	220-240VAC 50/60Hz	25-43VDC	8.8-15.1W	350mA	IP20
PCK.176	100-240VAC 50/60Hz	9-57VDC	3-20W	350mA	IP67
PCK.179	100-240VAC 50/60Hz	40-58VDC	14-20.3W	350mA	IP42



Constant Current LED Drivers **1ch**

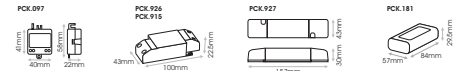
**1ch** Constant Current LED Drivers

- Non-Dimmable
- Short circuit protection.
- Overload protection.

**1ch 200-1050mA**  
LED Drivers Constant Current

**500mA**

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.097	100-230VAC 50/60Hz	4-12.6VDC	1-6W	500mA	IP20
PCK.926	220-240VAC 50/60Hz	11-20VDC	5.5-10W	500mA	IP20
PCK.927	220-240VAC 50/60Hz	30-42VDC	15-21W	500mA	IP20
PCK.915	220-240VAC 50/60Hz	33-42VDC	16.5-21W	500mA	IP20
PCK.181	100-240VAC 50/60Hz	15-50VDC	7.5-25W	500mA	IP30



**700mA**

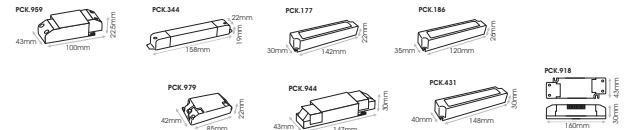
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
PCK.959	220-240VAC 50/60Hz	8-14.6VDC	5.6-10.2W	700mA	IP20
PCK.344	200-240VAC 50/60Hz	2-16.5VDC*	11W*	700mA	IP20

$P_{out}$ W	$V_{out}$ DC	$I_{out}$ DC	$V_{out}$ ripples	$r_{DC}$ %	$\eta$ max. Power Factor	$\eta$ max. Efficiency*
11	2...16.5	700 mA const.	18...25...+50	80	0.6C	77

\*Referred to  $V_{in} = 230V, 100\%$  load

\*Please refer to the matrix below.  
\*\*Referred to  $V_{in} = 230V, 100\%$  load

PCK.979	200-240VAC 50/60Hz	13-21VDC	9-14.5W	700mA	IP20
PCK.177	200-240VAC 50/60Hz	6-25VDC	4.2-17.5W	700mA	IP67
PCK.186	90-240VAC 50/60Hz	9-30VDC	6.3-21W	700mA	IP67
PCK.944	220-240VAC 50/60Hz	30-42VDC	21-29.4W	700mA	IP20
PCK.431	90-240VAC 50/60Hz	9-48VDC	6.3-33.6W	700mA	IP67
PCK.918	220-240VAC 50/60Hz	47-86VDC	32.9-60.2W	700mA	IP20



**1ch 200-1050mA**  
LED Drivers Constant Current

Constant Current LED Drivers **LED**

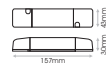
**800mA**

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
<b>PCK.928</b>	220-240VAC 50/60Hz	30-42VDC	24-33.6W	800mA	IP20
<b>PCK.916</b>	220-240VAC 50/60Hz	33-44VDC	26.4-35.2W	800mA	IP20



PCK.928



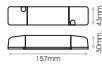
PCK.916



**900mA**

- Protections: Short circuits, overheating, overloads.
- Non-Dimmable
- Strain relief set to be ordered separately (467.ACC.200).

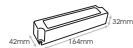
Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
<b>PCK.906</b>	220-240VAC 50/60Hz	30-42VDC	27-36W	900mA	IP20



**1050mA**

- Non-Dimmable
- Short circuit protection.
- Overload protection.

Code	Supply Voltage	Output Voltage	Output Power	Output Current	IP Rate
<b>PCK.178</b>	200-240VAC 50/60Hz	9-48VDC	50W	1050mA	IP67











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