

450 Series

450W Profile

(ver. 2020/06)



SOURCE

- 450W LED ARRAY
- Source life expectancy: > 50.000 h

COLOUR RENDERING

	CRI	TLCI	TM-30
6C*	>94	92	94
RGBW	>85	90	90
TW	>94	92	93
WW/CW	>95	92	93

*6C: Red Green Blue Amber Cyan Lime

LUMINOUS FLUX

	ZN	ZS	ZW
6C	-	-	-
RGBW	-	8'441 lm	9'944 lm
TW	-	12'410 lm	12'756 lm
WW	-	12'047 lm	12'387 lm
CW	-	12'652 lm	13'002 lm

CONTROL

- Protocols: DMX512, RDM
- Local potentiometer
- Reversible graphics display with standby-shutdown function
- Wireless ready

	DMX Channels
WW/CW	1 / 3 / 6 ch
TW	2 / 5 / 9 ch
RGBW	2 / 6 / 9 / 16 ch
6C	2 / 6 / 7 / 8 / 9 / 21 ch

OPTICS

ZN	08°-19°
ZS	14°-30°
ZW	24°-44°

- 200mm High-quality glass lens optics - AR coating
- Focus: manual
- Gobo size: A or B

HOUSING

- Highly resistant body in extruded and die cast aluminum
- Finishing: Black
- IP 20

CONNECTION

- Power connector: Chassis PowerCON TRUE1 In/Out
- Additional cable: 2m H05RN-F cable with powerCON TRUE1 female cable connector
- DMX: XLR 5-pole In/Out panel connectors

COMPLIANCE

- CE
- EN 60598-1; EN 60598-2-17
- SSL Licensing Program
- Manufactured in Italy with Quality System ISO 9001:2015

SOFTWARE FUNCTIONS

- ESD: 8 or 16bit extra soft dimming
- 3 selectable dimmer curves
- Adjustable delay in turning on and off
- PWM LED 500Hz-25KHz
- Amber shift (6C)
- ± Green (6C)
- Color boost (6C, RGBW, TW)
- Calibration function (6C, RGBW, TW)
- Service channel
- Stand-alone
- Master Slave
- Hour-counter on single LED
- Storage and factory recovery
- Upgradable Firmware via DMX/USB tool
- Advanced remote settings for all parameters via DMX

THERMAL MANAGEMENT

- Wide ventilation slots for better LED cooling with selectable fan speed in: "standard", "silent" and "auto" or DMX regulated
- High efficiency heat pipe cooling system
- No heat load from LED engine towards electronic and vice-versa avoiding the risk of failure due to overheating
- Ta max 40°C

PRESETS

- 45-GEL FILTER (6C, RGBW)
- CCT 2700-8000K (6C, RGBW, TW)
- 10 CUSTOM PRESETS (6C, RGBW, TW)

ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption: 500 W
- PF>0.94/230VAC PF>0.98/115VAC at full load

OPTIONS

- Pole Operated Yokes
- ARC Motorized Yokes DMX 512

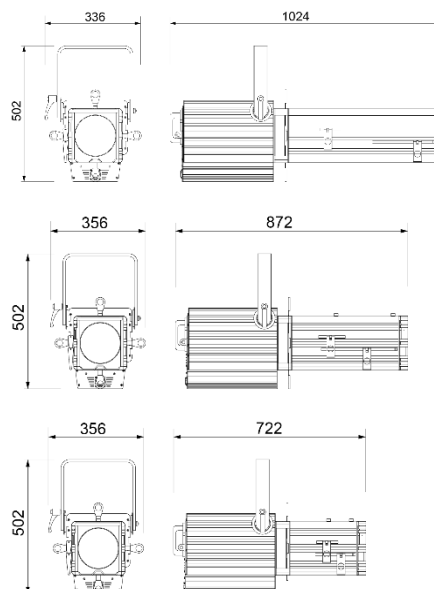
DIMENSIONS

ZN	20.0 Kg	502*356*1024 mm
ZS	19.0 Kg	502*356*872 mm
ZW	18.0 Kg	502*356*722 mm

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	5 m	10 m	15 m	20 m	25 m
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Model	Type	CT	CRI	Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	Lux	Ø Beam	(measure at)
PR LED 450 ZS	WW	3200K	95	14°	11210	1,2	2803	2,4	1246	3,7	701	4,9	448	6,1	3200K
				30°	2890	2,7	723	5,3	321	8,0	181	10,6	116	13,3	
	CW	5600K	95	14°	11771	1,2	2943	2,4	1308	3,7	736	4,9	471	6,1	5600K
				30°	3035	2,7	759	5,3	337	8,0	190	10,6	121	13,3	
TW	2700-6500K	95	14°	11546	1,2	2887	2,4	1283	3,7	722	4,9	462	6,1	5600K	
			30°	2977	2,7	744	5,3	331	8,0	186	10,6	119	13,3		
RGBW	2700-8000K	85	14°	8532	1,2	2133	2,4	948	3,7	533	4,9	341	6,1	Full Ch	
			30°	2025	2,7	506	5,3	225	8,0	127	10,6	81	13,3		
PR LED 450 ZW	WW	3200K	95	24°	3710	2,1	928	4,2	412	6,3	232	8,4	148	10,6	3200K
				44°	1308	4,0	327	8,0	145	12,0	82	16,0	52	20,0	
	CW	5600K	95	25°	3896	2,2	974	4,4	433	6,6	244	8,8	156	11,0	5600K
				50°	1373	4,6	343	9,3	153	13,9	86	18,5	55	23,1	
	TW	2700-6500K	95	25°	3821	2,2	955	4,4	425	6,6	239	8,8	153	11,0	5600K
				50°	1347	4,6	337	9,3	150	13,9	84	18,5	54	23,1	
	RGBW	2700-8000K	85	25°	3015	2,2	754	4,4	335	6,6	188	8,8	121	11,0	Full Ch
				50°	1050	4,6	263	9,3	117	13,9	66	18,5	42	23,1	



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