## Product Specification Sheet
### Rama LED Fresnel (7° - 50°)

The Rama LED Fresnel provides an adjustable cone of light, has a soft edge and is easily blended with adjacent beams to provide even illumination.

The minimal power consumption and full warm/cool white output results in significant reductions in power consumption over traditional 1/1.2kW Tungsten Halogen luminaires.

### Features
- Homogenized fully mixed white light with no multiple shadows or fringing.
- No need for lamp or colour filter replacement.
- No need for dimmers, connect directly to mains supply.
- DMX 512A(RDM) input/output with 8 or 16 bit resolution.
- Quiet active cooling system.
- Onboard LCD menu for ease of addressing/setup/manual operation.
- Integrated safety bond rated for the luminaire.
- Adjustable yoke balance point.
- ‘Swing-down’ door for easy access for cleaning.
- Disconnects the mains power supply on opening.
- Smooth ‘posi-slide’ focus system, no metal to metal contact.
- Constructed from aluminium extrusion and moulded engineering plastics.
- Tilt and focus scales are in real degrees allowing for accurate WSIYWG implementation.
- Three year warranty

### Electrical Specification
- Voltage: 100-240 VAC
- Wattage: 94.5W (total consumption)
- Current: 0.5A @240V, 1A @115V

### Order Codes
- 16RAFR175LED3100MO
  Rama LED Fresnel 3100K manual operation
- 16RAFR175LED3100PO
  Rama LED Fresnel 3100K pole operation
- 16RAFR175LED5600MO
  Rama LED Fresnel 5600K manual operation
- 16RAFR175LED5600PO
  Rama LED Fresnel 5600K pole operation

### Optional Accessories
- RAMALEDPTYKIT
  Rama LED Pan/Tilt pole operation kit
- 20BDRA
  Rama Barndoor

### Approvals
- Designed to comply fully with CE standards.

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**www.seleconlight.com**
Photometric Data

LED: 80W Philips Luxeon Lumiled
CCT: 3100K, 5600K
CRI: Minimum 90, Typical 95
Beam Angle Range: 7°- 50°

<table>
<thead>
<tr>
<th>Beam Diameter (metres)</th>
<th>3100K</th>
<th>5600K</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Spot</td>
<td>Flood</td>
</tr>
<tr>
<td></td>
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<td>0.09</td>
</tr>
<tr>
<td></td>
<td>0.05</td>
<td>0.37</td>
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<tr>
<td></td>
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<td>0.75</td>
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Throw Distance (metres) 0 2 4 6 8 10

<table>
<thead>
<tr>
<th>Central illumination (lux)</th>
<th>3100K</th>
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</thead>
<tbody>
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<td>Spot</td>
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<tr>
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<tr>
<td>1.5</td>
<td>918</td>
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</table>

Physical Data

Weight: 8.4kg
Colour frame size: 186mm x 190mm
Included: 1x colour frame, yoke nut & bolt, instruction sheet, 1.0m mains cable

Manual operation version

Philips Selecon reserves the right to change the specifications without notice (March 2016).