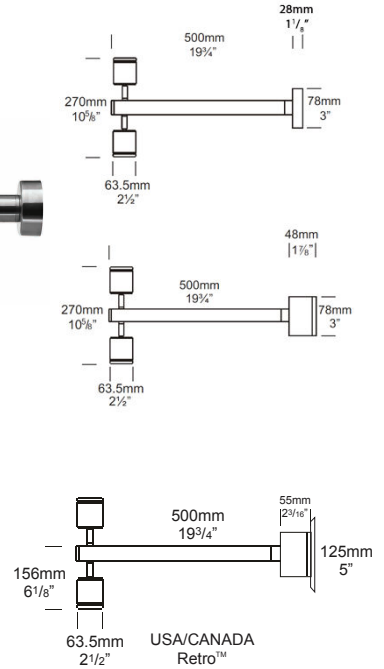


PROJECT:
TYPE:
SOURCE:
NOTES:

### PURELED SPECIFICATIONS PER HEAD

<b>LED Chip</b>	Cree XHP-50-2 Plug and Play field replaceable LED board
<b>Luminaire Output per head</b>	600 Lumens @ 1050mA (6 watts), 420 Lumens @ 700mA (4 watts), 240 Lumens @ 350mA (2 watts), delivered from luminaire with unobstructed beam.
<b>Lumens Per Watt</b>	100 Lumens minimum @ 6 watts, delivered from luminaire with unobstructed beam
<b>CRI (3000K)</b>	90+
<b>Colour Temperatures</b>	2700K, 3000K, 4000K
<b>Beam Angles</b>	15, 25, 38, 60
<b>Ingress Protection</b>	IP66
<b>Warranty</b>	Electronics = 5 years Body Cop/ SS = 10 years Body Aluminium = 5 years
<b>Standards</b>	AS/NZS 61046, EN60598 cUL 1838, 2108, 1598 CSA C22.2 No. 250.7, No. 250.0-08, No. 250.0 CE



### PRODUCT CONFIGURATION

Please fill in appropriate codes into boxes provided

Cat. No. TSGNL/L

Luminaire	Power	Material/ Finish	Beam	Colour	Accessories
TSGNL/L					
<b>S</b> SERIES, REMOTE DRIVER <b>D3</b> 12VAC, 2W INTEGRAL <b>D7</b> 12VAC, 4W INTEGRAL <b>D10</b> 12VAC, 6W INTEGRAL <b>R</b> RETRO, 110/240V DRIVER		<b>ALUMINIUM</b> <b>EBK</b> BLACK <b>EBZ</b> BRONZE <b>EOGR</b> OLIVE GREEN <b>EWH</b> WHITE <b>EWB</b> WHITE BIRCH <b>EDG</b> DARK GREY <b>ESTAR</b> SILVER STAR <b>ECT</b> CORTEN <b>COP</b> SOLID COPPER <b>SS</b> STAINLESS STEEL	<b>15</b> 15° <b>25</b> 25° <b>38</b> 38° <b>60</b> 60°	<b>2</b> 2700K <b>3</b> 3000K <b>4</b> 4000K	<b>HCL</b> HEX CELL LOUVRE <b>SNT</b> SNOOT <b>GG</b> GLARE GUARD <b>LF</b> FROSTED LENS <b>BPUS</b> BACK PLATE USA ONLY <b>LKN</b> LOCKING KNUCKLE <b>CJK</b> CABLE JOINT KIT

**SERIES, REMOTE DRIVER REQUIRED:**  
Constant current driver  
Individual fixtures require 12vdc @ 1050mA maximum

**12VAC INTEGRAL DRIVER:**  
Hunza integrated plug and play driver (included)  
Input: 9-15VAC  
Output: 6vdc @ D3=350mA, D7=700mA, D10=1050mA (1050mA limited to ≤ 40°C (104°F) ambient temperature in stainless steel)

**110/240VAC RETRO DRIVER:**  
Input: 120/240vac, 10 watt total (driver included)  
Output: 12vdc, 700mA (non dimming)

**OTHER LAMP OPTIONS:**  
 TSGNL/H - MR16 Halogen 12V Lamp  
 TSGNL/SL - MR16 LED Retrofit 12V Lamp (lamps vary by market - please refer to supplier for details)  
 TSGNL/GUH - GU10 120/240V Halogen Lamp (body length increases for all GU10 lamps)  
 TSGNL/GUSL - GU10 LED Retrofit 120/240V Lamp (lamps vary by market - please refer to supplier for details)

[Click here for 240v Remote Power Supply Guidance Charts](#)  
[Click here for USA Remote Power Supply Guidance Charts](#)

[Click here for halogen specification sheet](#)

# LUMINAIRE CONSTRUCTION

**CNC machined from one of the following metals:**

**Aluminium**

Body: solid high corrosion resistant 63.5mm (2<sup>1/2</sup>" x 10mm (3/8") aluminium.  
 End cap: solid aluminium 63.5mm (2<sup>1/2</sup>" rod, with chromate substrate and high UV resistant polyester powder coat.  
 Pole: solid aluminium 500mm (19<sup>3/4</sup>" x 38mm (1<sup>1/2</sup>" tube.  
 Colours:  
 Black, Bronze, Silver Star, White, White Birch, Olive Green, Dark Grey, Corten.

**Copper**

Body: 63.5mm (2<sup>1/2</sup>" x 10mm (3/8").  
 End cap: solid copper 63.5mm (2<sup>1/2</sup>" rod.  
 Pole: solid copper 500mm (19<sup>3/4</sup>" x 38mm (1<sup>1/2</sup>" tube.

**316 Stainless Steel**

Body: 63.5mm (2<sup>1/2</sup>" x 10mm (3/8").  
 End cap: solid 316 stainless steel 63.5 (2<sup>1/2</sup>" Pole: 316 stainless steel 500mm (19<sup>3/4</sup>" x 38mm (1<sup>1/2</sup>" tube.

**Knuckles:**

Aluminium and Copper luminaires - 360° rotation and 0-90° elevation, solid brass with anti rust spring.  
 Stainless Steel luminaires - 360° rotation and 0-90° elevation, full stainless steel construction.

**Step Lens:**

10mm (3/8") Extra clear, low iron, shatter resistant glass.  
 Lifetime warranty.

**Mounting**

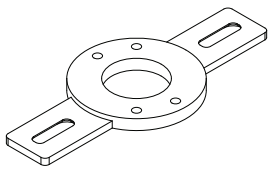
12 volt: the luminaire is mounted to the wall using two 316 stainless screws through a shallow base 28mm (1<sup>1/8</sup>" in depth.

Retro™ (110/240-12volt): a mounting plate is fixed to the wall using two screws and the luminaire is fitted to the mounting plate.

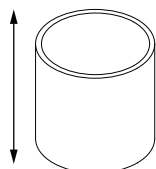
**Luminaire Weight:**

Low voltage  
 Alum: 1.200kg (2lb 10oz)  
 Cop: 2.840kg (6lb 4oz)  
 SS: 2.120kg (4lb 11oz)  
 Retro™  
 Alum: 1.700kg (3lb 12oz)  
 Cop: 3.900kg (8lb 9oz)  
 SS: 3.555kg (7lb 13oz)

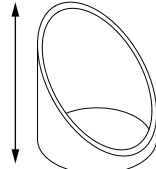
## ACCESSORIES



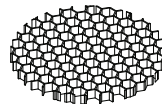
USA Back Plate Adaptor



Snoot



Glare Guard



Hex Cell Louvre

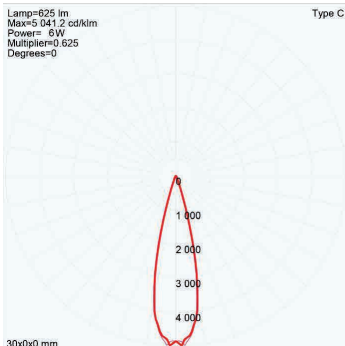


Locking Knuckle

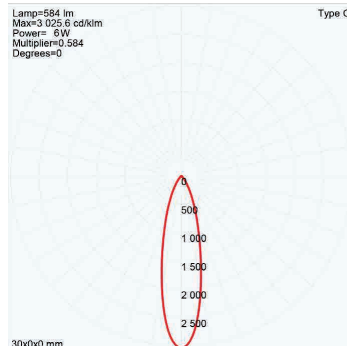
## BEAM ANGLES

High efficiency PMMA TIR lenses. Field replaceable

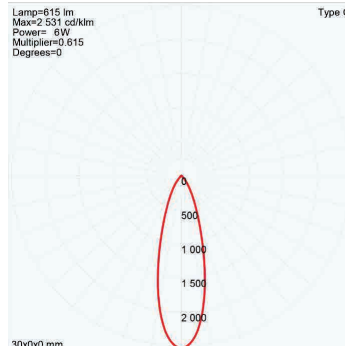
IES files available for download: [hunzalighting.com/downloads](http://hunzalighting.com/downloads)



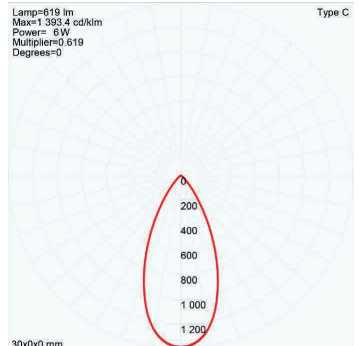
15° FWHM TIR



25° FWHM TIR



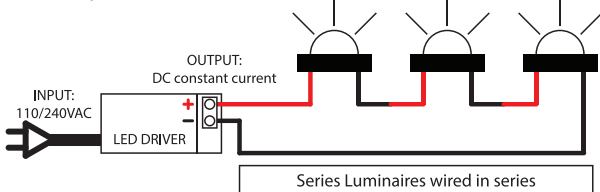
38° FWHM TIR



60° FWHM TIR

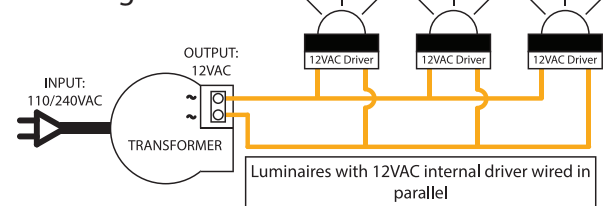
## WIRING GUIDE

Series/remote driver



Series Luminaires wired in series

12v integral driver



Luminaires with 12VAC internal driver wired in parallel

Diagrams are a guide only, wire colours and polarity may change depending on fixture and country

Available for download: [hunzalighting.com/downloads](http://hunzalighting.com/downloads)

Specifications may change without notification

Aug 2017