

## NPS Spot Light with PURE LED

|          |
|----------|
| PROJECT: |
| TYPE:    |
| SOURCE:  |
| NOTES:   |

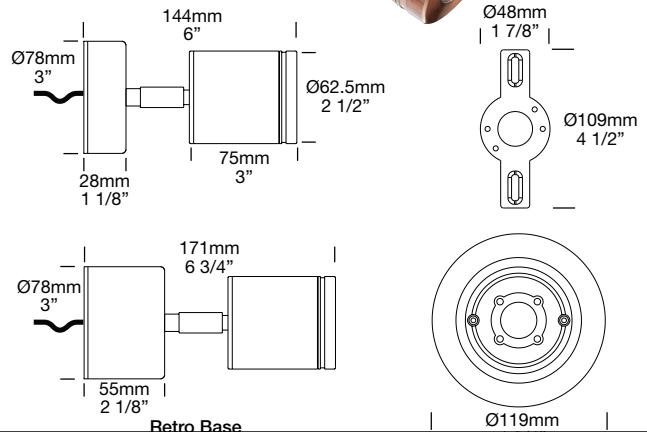
### SPECIFICATIONS

IP66



|                     |  |
|---------------------|--|
| LED Chip            | Cree XHP-50-2 Plug and Play field replaceable LED board  |
| Luminaire Output*   | 600 Lumens @ 1050mA (6 watts),<br>420 Lumens @ 700mA (4 watts),<br>240 Lumens @ 350mA (2 watts)        |
| Lumens Per Watt*    | 100 Lumens @ 6 watts minimum   |
| LED Life Expectancy | 50,000 hours L70   |
| CRI (3000K)         | 90+  |
| Colour Temperatures | 2700K, 3000K, 4000K  |
| Beam Angles         | 15, 25, 38, 60   |
| Ingress Protection  | IP66   |
| Warranty            | Electronics = 5 years<br>Aluminium = 5 years<br>Body Cop/ SS = 10 years                                |
| Standards           | AS/NZS 61046, EN60598<br>cUL 1838, 2108, 1598<br>CSA C22.2 No. 250.7, No. 250.0-08,<br>No. 250.0<br>CE |

\*Delivered from the Luminaire with unobstructed beam



### PRODUCT CONFIGURATION

Please fill in appropriate codes into boxes provided

#### Cat. No. WS/L

| Luminaire                         | Power                                 | Material/Finish           | Beam                     | Colour        | Accessories    |                              |
|-----------------------------------|---------------------------------------|---------------------------|--------------------------|---------------|----------------|------------------------------|
| <input type="text" value="WS/L"/> |                                       |                           |                          |               |                |                              |
| <b>S</b>                          | 1050mA Input, Series Wired 6W         | <b>ALUMINIUM</b>          | <b>EBK</b> BLACK         | <b>15</b> 15° | <b>2</b> 2700K | <b>CJK</b> Cable Joint Kit   |
| <b>D3</b>                         | 12VAC Input, Parallel Wired 2W        |                           | <b>EBZ</b> BRONZE        | <b>25</b> 25° | <b>3</b> 3000K | <b>LF</b> Frosted Lens       |
| <b>D7</b>                         | 12VAC Input, Parallel Wired 4W        |                           | <b>EOGR</b> OLIVE GREEN  | <b>38</b> 38° | <b>4</b> 4000K | <b>HCL</b> Hex Cell Louvre   |
| <b>D10</b>                        | 12VAC Input, Parallel Wired 6W        |                           | <b>EWH</b> WHITE         | <b>60</b> 60° |                | <b>GG</b> Glare Guard        |
| <b>R</b>                          | RETRO, 110/240V Input, Parallel Wired |                           | <b>EWB</b> WHITE BIRCH   |               |                | <b>SNT</b> Snoot             |
|                                   |                                       |                           | <b>EDG</b> DARK GREY     |               |                | <b>LKN</b> Locking Knuckle   |
|                                   |                                       |                           | <b>ESTAR</b> SILVER STAR |               |                | <b>WBAP</b> Wall Box Adaptor |
|                                   |                                       |                           | <b>ECT</b> CORTEN        |               |                |                              |
|                                   |                                       |                           | <b>I</b>                 |               |                |                              |
|                                   |                                       |                           | <b>COP</b> Copper        |               |                |                              |
|                                   |                                       | <b>SS</b> Stainless Steel |                          |               |                |                              |

**S - Series Driver**  
 Power Supply: Constant current driver  
 REQUIRED - NOT SUPPLIED  
 Wiring Method: Wired in series  
 Fixture Input: Individual fixtures require 6Vf @ 1050mA maximum 6 Watts

**D3 D7 D10 - 12VAC Input**  
 Power Supply: Line/Mains to 12VAC  
 Transformer REQUIRED - NOT SUPPLIED  
 Wiring Method: Parallel  
 Fixture Input: 9-15VAC,  
 Fixture Output: D3 = 6Vf @ 350mA 2W  
 D7 = 6Vf @ 700mA 4W  
 D10 = 6Vf @ 1050mA 6W  
 (1050mA limited to ≤ 40°C (104°F) ambient temperature in stainless steel)

**R - 110/240VAC RETRO DRIVER:**  
 Input: 120/240vac, 5 watt total (driver included)  
 Output: 6vdc, 700mA (non dimming - USA only)

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

**Additional Comments:**

\*Due to continued product enhancements, specifications may change without notification.

# LUMINAIRE CONSTRUCTION

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

**Aluminium:**

Body: high corrosion resistant 63.5mm (2 1/2") x 10mm (3/8") aluminium.

End cap: solid aluminium 63.5mm (2 1/2") rod.

Base and Mounting Plate (Retro™): handspun 2mm (5/64") aluminium. Base cast from virgin CC401 low copper aluminium alloy chromate substrate and high UV resistant polyester powder coat.

Colours:

Black, Bronze, Silver Star, White, White Birch, Olive Green, Dark Grey, Corten.

**Copper:**

Body: 63.5mm (2 1/2") x 10mm (3/8").

End cap: solid copper 63.5mm (2 1/2") rod.

Base and Mounting Plate (Retro™): handspun 2mm (5/64") copper disk and forged brass.

**316 Stainless Steel:**

Body: 63.5mm (2 1/2") x 10mm (3/8").

End cap: solid 316 stainless steel 63.5 (2 1/2") rod.

Base and Mounting Plate (Retro™): investing cast and CNC machined 316 stainless steel.

**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

**Gaskets:**

Silicone, iron impregnated 220°C (428°F)

**Mounting:**

12 volt: the luminaire is mounted to the wall using two 316 stainless screws through a shallow base 28mm (1 1/8") 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: 0.495kg (1lb 1oz)

Cop: 1.300kg (2lb 13oz)

SS: 1.080kg (2lb 6oz)

Retro™

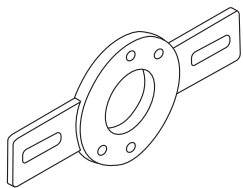
Alum: 0.900kg (1lb 15oz)

Cop: 1.710kg (3lb 12oz)

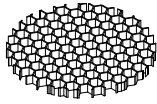
SS: 1.500kg (3lb 4oz)



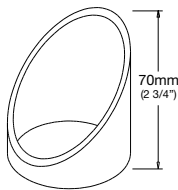
## ACCESSORIES



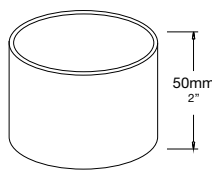
Wall Box Adaptor



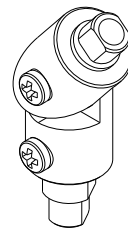
Hex Cell Louvre



Glare Guard



Snoot

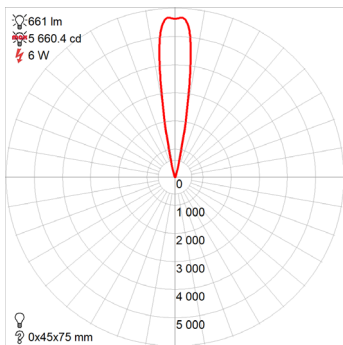


Locking Knuckle

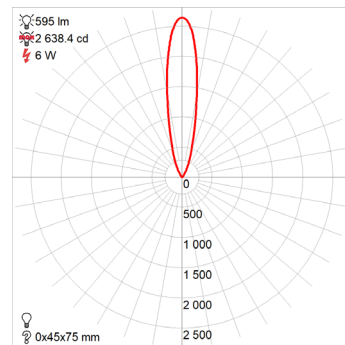
## BEAM ANGLES

High efficiency PMMA TIR lenses. Field replaceable

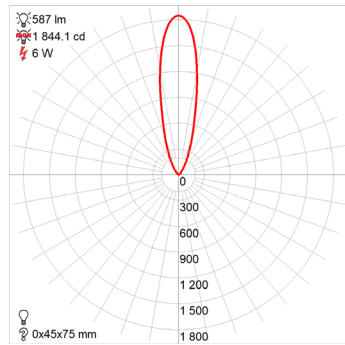
IES files available for download: [hunzalighting.com/downloads](http://hunzalighting.com/downloads)



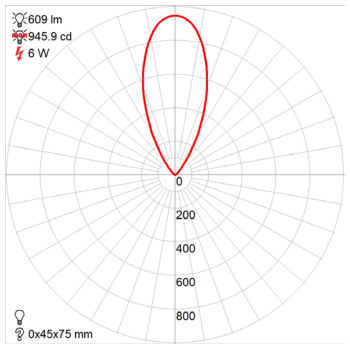
15° FWHM TIR



25° FWHM TIR



38° FWHM TIR



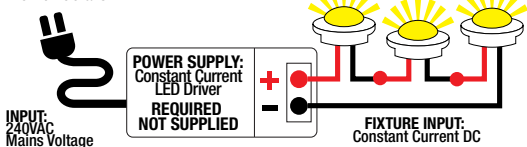
60° FWHM TIR

## WIRING GUIDE

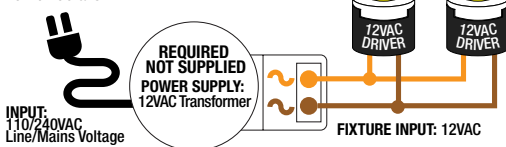
NOTE: Diagrams are a guide only, wire colours and polarity may change depending on fixture and country.

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

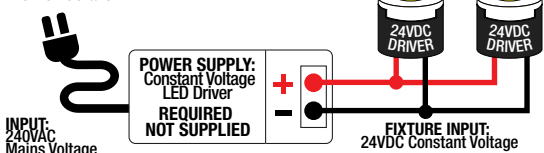
**Circuit: Wired in Series With Remote Driver**  
Please see installation instructions for full details.



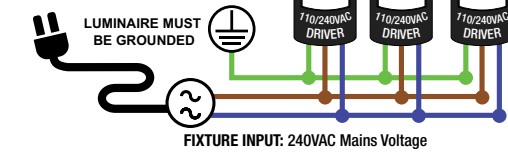
**Circuit: 12VAC - Wired in Parallel**  
Please see installation instructions for full details.



**Circuit: 24VDC - Wired In Parallel**  
Please see installation instructions for full details.



**Circuit: 240VAC - Wired in Parallel**  
Please see installation instructions for full details.



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