

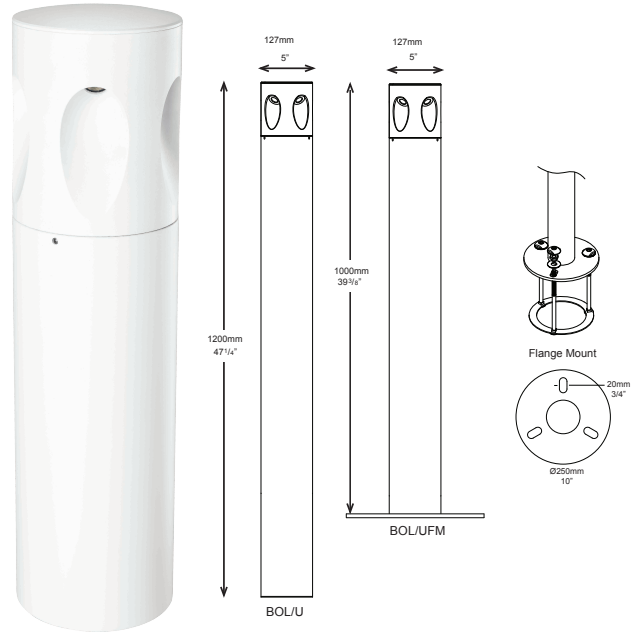
## Bollard ULTRA

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

### SPECIFICATIONS



|                                   |   |
|-----------------------------------|---|
| <b>LED Chip</b>                   | Cree XPG-3 field replaceable LED board  |
| <b>Luminaire Output (per end)</b> | 1200 lumens @ 1050mA (15 watts), delivered from luminaire with unobstructed beam. |
| <b>Lumens Per Watt</b>            | 1200 lumens minimum @ 15 watts, delivered from luminaire with unobstructed beam   |
| <b>CRI (3000K)</b>                | 90+ Standard  |
| <b>Colour Temperatures</b>        | 2700K, 3000K, 4000K   |
| <b>Beam Angles</b>                | 15, 25, 45  |
| <b>Ingress Protection</b>         | IP66  |
| <b>Warranty</b>                   | Electronics = 5 years<br>Body Aluminium = 5 years                                 |
| <b>Standards</b>                  | BS/EN 60598.2.2<br>cUL 1598<br>CE   |

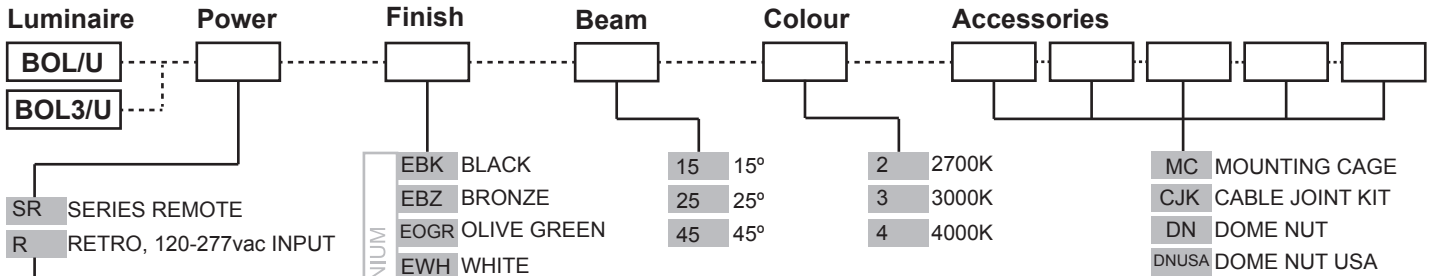


\*custom pole lengths range from 1500mm (6') to 2000mm (6ft 8")

### PRODUCT CONFIGURATION

Please fill in appropriate codes into boxes provided

Cat. No. BOL/U



**SERIES REMOTE:**  
Constant current driver (included)  
Fixture require 15vdc @ 1100mA maximum

**RETRO 110-277vac DRIVER:**  
Constant current driver (included)  
Input: 120,240,277 volts Output: 18 watts total  
15vdc @ 1100mA  
0-10 volt dimming

ADDITIONAL COMMENTS:

# LUMINAIRE CONSTRUCTION

## CNC machined from one of the following metals:

Head - solid high corrosion resistant 127mm (5") aluminium rod.  
End cap - high corrosion resistant 127mm (5") x 3.18mm (1/8") aluminium tube.  
Pole - 127mm (5") aluminium tube with chromate substrate, finished with an Epoxy layer and a UV resistant polyester powder coat colour.

## Colours:

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

## Lens:

TIR lens with lifetime warranty.

## Gaskets:

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

## Cable:

Water resistant rubber.

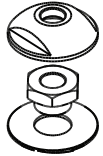
## Mounting:

Pole is set directly into concrete.  
For flange mounting please refer to the Hunza website for mounting instructions.  
Dome Nut - for use with M12 J-bolts.  
Dome Nut USA - for use with 1/2" UNC 13 TPI J-bolts.

## Luminaire Weight:

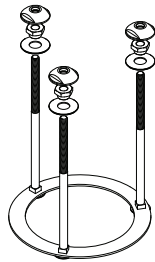
4kg (8lbs 13oz)

## ACCESSORIES



Dome Nut

(for use with M12 J-bolts or 1/2" UNC 13 TPI J-bolts)



Mounting cage

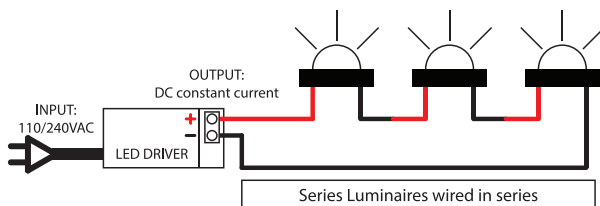
## BEAM ANGLES

High efficiency Reflectors. Field replaceable

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

## WIRING GUIDE

available for download: [www.hunzalighting.com/download.php](http://www.hunzalighting.com/download.php)



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

