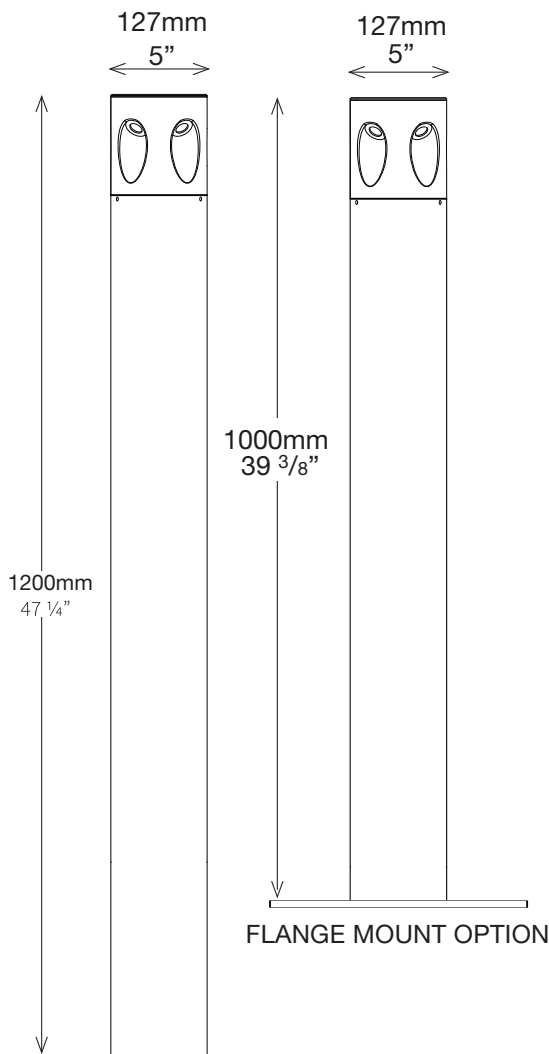


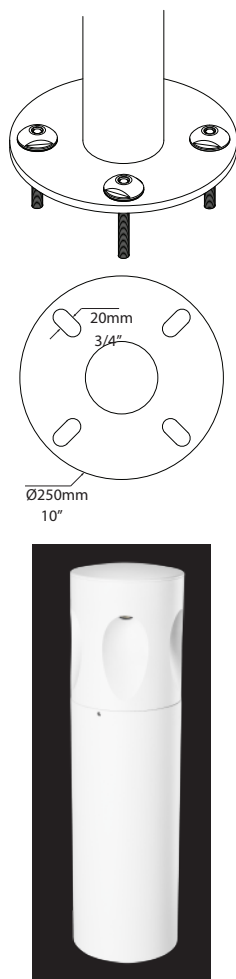
# Bollard ULTRA

Cat. No. BOL/U

Cat. No. BOLFM/U



## Flange Mount



**PURE LED**  
Pure Performance

The Bollard Ultra is ideal for commercial application for ground lighting on driveways, pathways and squares. It has a sleek and contemporary aesthetic that will enhance any architectural setting. This luminaire features multiple facets that cast a 3 or 5-petal pattern and low glare downward illumination. The light pattern is dependent on the beam angle specified.

The head of this luminaire is machined from solid aluminium mounted on aluminum tube, with an Epoxy layer then a UV stable powder coat. It features high temperature silicon gaskets.

The Bollard Ultra LED system uses the latest Cree XTE LED chips for maximum performance and long life. Power supply is from a 110/240v (Retro) drivers. There is also an external remote driver (series connection) option. The Ultra LED system incorporates an innovative Plug-and-Play system for easy replacement or upgrade of the LED engine.

## Ordering Information

Luminaire	Driver	Beam Angle	Colour Temp	Accessories	Finish Colours
BOL/U	S - Series	15 - 15° TIR Lens	2 - 2700K	CJK150 - Cable Joint Kit	EBK - Black EDG - DarK Grey EWH - White ESTAR - Silver Star
BOLFM/U	R- 110 or 240V retro driver	25 - 25° TIR Lens	3 - 3000K		
		45 - 45° TIR Lens	4 - 4000K		
			39 - 3000K (90+ CRI)		

Ordering Example: BOL/U S 15 3 CJK150 EBK

**HUNZA**™ PURE OUTDOOR LIGHTING

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Specifications may change without notice.  
Manufactured in New Zealand.  
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## Luminaire Information

### CNC machined from:

**Head** - 127mm (5") solid aluminium rod.

**End cap** - 127mm (5") solid aluminium rod.

**Pole** - 127mm (5") x 3.18mm (1/8") aluminium tube with chromate substrate finished with an Epoxy layer and a high UV resistant polyester "E" powder coat colours Black, Dark Grey, White, Silver Star.

### Luminaire Weight

4kg (8lbs 13oz)

## Features

### Lens:

TIR lens with lifetime warranty.

### Gasket

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

### Accessories

Cable Joint Kit (Cat. CJK150)

### Mounting

Pole directly mounted into the earth or set in concrete.

## Technical Information

### Standards

IP66/IP67 UL 1598

### LED

Cree XTE Plug-and-Play, field replaceable LED board.

**Lumen Output:** 1200 @ 1050mA

**Lumens Per watt:** 75 minimum

**CRI Warm White (3000k):** 85+

**Colour Temp:** 2700K, 3000K or 4000K

**High CRI Option (3000K):** 90+ (lumen output decreases by 15%)

### Power Supply

#### Retro 110/240 volt Driver

HUNZA Plug and Play Driver

Input: 120/240 vac 16 watt

Output: 15vdc 1050mA

0-10 volt dimming

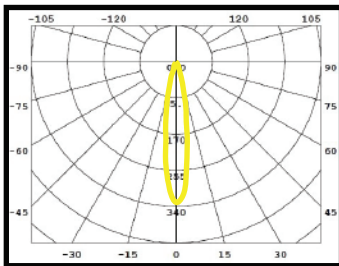
(USA - non dimming)

#### External (Series) Driver

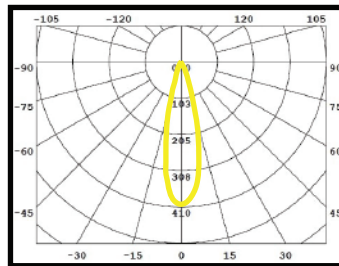
Constant current driver

Output: 16vdc at 1050mA max.

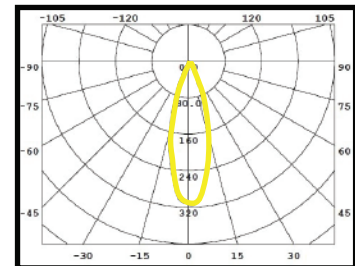
## Reflector Beam Angles (per facet)



15° TIR Lens



25° TIR Lens



45° TIR Lens