
Cromatix Ultra-Efficient Solid State Light (U-ESSL)

Datasheet and Operating Guide

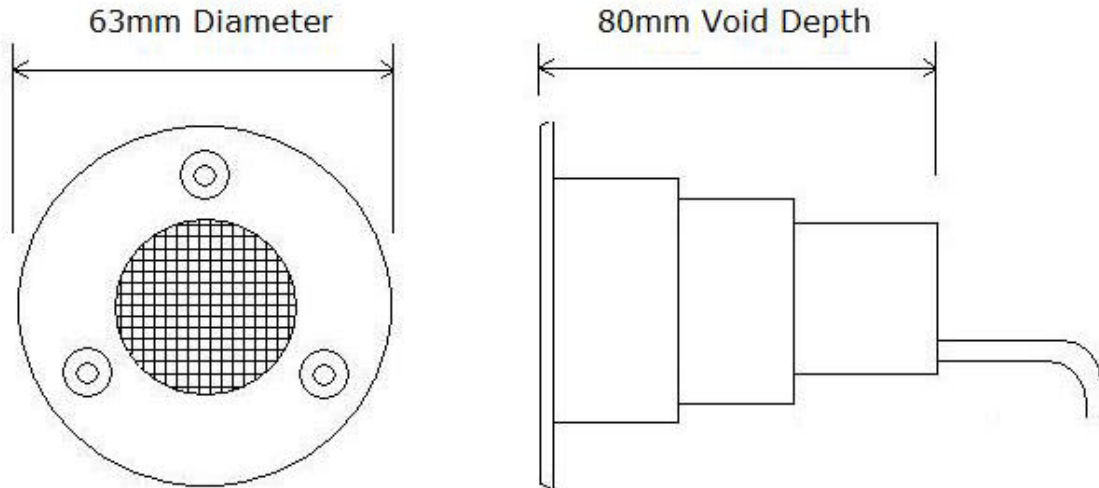


The Cromatix U-ESSL 63mm is a light source that delivers the promised LED lighting revolution to home and business users in a highly cost effective package. Through the use of energy-efficient, environmentally friendly LED lighting, the U-ESSL and associated products render traditional incandescent lighting obsolete.

The LED arrays feature the lowest thermal transfer available, thus giving the user maximum output, maximum life and lowest running costs. Each light comes with a carbon offset statement and a class-leading two year warranty.

The U-ESSL is available in warm white, neutral white and for mood-lighting applications, RGB. The RGB version requires an RGB driver and controller. This can either be through standard DMX, or via virtually any RGB colour controller. The white units require a constant-current 350mA / 700mA LED driver.

Outline Drawing



Technical Specifications

- Upto 280 Lumens available
- 38 degree beam angle
- Custom beam angles available to order
- Die Technology: InGaN
- Class-Leading high efficiency LED
- Available in warm white, daylight white & RGB
- LED life 50,000 hours min
- Anodised aluminium body
- UV stabilised polycarbonate lens
- Total Max Power: 3W / 4.2W
- Operating Environment: IP40 (IP68 available as an option)
- Operating Temperature -30C to 30C
- Can be painted to any RAL/BS colour to order

Part Number Identification (add suffix -IP for use in wet environments such as bathrooms)

Part Number	Colour	Operating Current	Typical Voltage	Colour Temperature	Colour Resolution Index (CRI)	Typical Lumens
CR63WW-C	Warm White	350mA	11.2v	3050°K	78	280Lm
CR63NW-C	Neutral White	350mA	11.4v	4200°K	82	230Lm
CR63WW-A	Warm White	700mA	4.0v	3050°K	74	125Lm

Warranty

24 months unconditional from date of despatch. For product support, please contact info@ledlightingproducts.co.uk

Product Disposal

LED Lighting Products Ltd is obliged under the Waste Electrical and Electronic Equipment (WEEE) Directive 2006 to offer our customers free take-back of their WEEE on a like-for-like basis when they buy a new Electrical or Electronic product from us.

When you eventually decide to update this product or it reaches the end of its life, it can be returned to us for disposal, or recycled at the customer's local amenity recycling centre. This product should not be disposed with normal household waste.