

LED Lamps

Recent developments of white LED's (Light Emitting Diode) and legislative requirements have prompted the lighting industry to take advantage of this energy efficient light source. With careful thermal management, LED Downlights can be a cost effective solution.

LED Life

Most manufacturers report 50,000 hours average rated life for LED lamps. In most cases, the lamps will last longer than 50,000 hours, however the light degrades over time. Generally, LED lamps no longer produce useful light after 50,000 hours. LED lamp life can be affected by inefficient drivers and ambient temperature above the manufacturers' recommendation. All LED fittings should have a heatsink to keep heat away from the semiconductor junction and maintain long life.



XL-LED Performance LED Lamps

XL LED Performance lamps are an energy saving and efficient source of light suitable for many applications. Crompton's quality XL-LED lamp range has been introduced to meet the growing demand of this energy saving light source.

Features

Solid State Lighting Luminaire

- Lighting Council of Australia launched their SSL (Solid State Lighting) quality scheme in 2010 to assist the market to identify LED products which meet guaranteed performance criteria, accredited to strict test parameters. The Crompton XL-LED was one of the first fittings registered under the SSL Quality Scheme

Light Output

- The light output is similar to most wide beam FNV MRI 6 halogen lamps with a 55° beam spread, and has energy saving of up to 70% when compared to a standard MRI 6 50W halogen lamp

Range of Colour Temperatures

- 2700K, 3000K, 4000K, 6500K



LED Performance

Solid State Lighting Luminaire

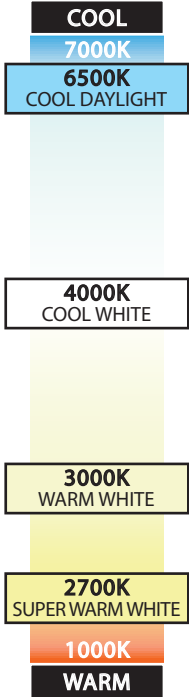
Luminous Flux 700 lm
Luminous Efficacy 44 lm/W

INPUT POWER 16 W
TEST VOLTAGE 240V AC

Correlated Colour Temperature 3000 K
Colour Rendering Index (CRI, Ra) 85

www.lightingcouncil.com.au for the Label Reference Guide
The specifications above are contained in certified or accredited reports provided to Lighting Council Australia Ltd by the manufacturer/supplier of this product. Lighting Council Australia makes no representation as to the product's specification or suitability.





PRODUCT SPECIFICATIONS

Lamp Power	12W
Heatsink	Aluminium, painted
Lens	Polycarbonate
Ambient Temperature Rating	50°C
Maximum Surface Temp	75°C
Ingress Protection Rating	IP20
Dimensions & Weight	50x80mm, 150gm
LED Lamp Life	50,000 Hours

OPTICAL / PHOTOMETRIC

Colour Temperature	2700K	3000K	4000K	6500K
Luminous Flux	484 lm	700 lm	608 lm	630 lm
CRI	85	85	85	83
Beam Angle	55°	55°	55°	55°

REFERENCE	COLOUR	CODE
LED12W827	2700K	26764
LED12W830	3000K	26244
LED12W840	4000K	26539
LED12W865	6500K	26765

Features

- Aluminium painted body
- Suitable for -20°C to 50°C ambient temperature range
- Heat sink
- Fully dimmable
- Steel painted retainer clip
- Lamp life of 50,000 hours
- Available in 4 different colour temperatures
- 70% energy saving compared to a standard 50W MR16 halogen lamp



Available Downlights



LED round fixed downlights



LED square fixed downlights



LED square tilt baffle downlights



LED round gimbal downlights



LED square gimbal downlights



LED round tilt baffle downlights