

Cortex Part No: CL9101

Architectural



Dimming 80mm diameter 6W White LED GU10 downlight

Description

A powerful 6W GU10 dimmable LED luminaire comprising of 3 quantity 2W CREE semiconductor chips. This unit is comparable, in power, to a 45W low voltage MR16 lamp or a 60W mains halogen lamp. This is an ideal solution for projects that need to comply to part L1A and L2A of The Building Regulations. The bezel is manufactured from machined aluminium and finished in silver as standard. Other colours are available upon request. The central lens retainer can also be colour coordinated to the bezel depending upon minimum order quantities. The unique cast aluminium fins provide exceptional cooling as well as being aesthetically appealing. This luminaire installs into a 68mm diameter cut out hole with a ceiling thickness up to 12mm. This unit is supplied complete with a GU10 lampholder.

General features

- Input voltage: 100V - 240V AC
- Input frequency: 47Hz - 63Hz
- Max. surface temperature: 60°C
- Type: 3 pieces of 2W CREE
- Output: 6W at 140mA
- Beam angle: 15°, 30° and 45°
- Electrical efficiency: 90%
- Life time: 50,000 hours
- Over current protection
- 80mm diameter x 101mm high
- Dimmable by standard rotary dimmer
- Reversed polarity protection
- Cool white version 302 Lumens
- Warm white version 251 Lumens
- Other LED colours: R, G, B and Y
- No Ultraviolet or Infrared

Colour temperatures

Colour	Wavelength/CCT (nm/K)
Warm white	(WW) 2950K - 3300K
Cool white	(CW) 5300K - 6700K

Part number	Beam angle / W	Beam centre LUX @ 1.0M
CL9101/6/WW/15	15°	1110
CL9101/6/CW/15	15°	1685
CL9101/6/WW/30	30°	1080
CL9101/6/CW/30	30°	1525
CL9101/6/WW/45	45°	500
CL9101/6/CW/45	45°	710