JC1001/WH

V50

V50 Fire-rated LED downlight 6W 700lm IP65 WH



Features & Benefits

- Two colour selectable from below the ceiling 3000K & 4000K
- Ultra-low profile suitable for shallow 50mm ceiling voids
- Tested for use in fire-rated ceilings
- IP65 suitable for bathrooms (internal use only)
- Strong protected spring clips
- Fast push-fit termination with remote driver
- Twist & lock bezel design
- Available as complete fixture (JC1001) or without bezel (JC1001/NB)
- JC1001/NB requires separate bezel (JC1006)
- 2 years standard warranty extends to a 3 year commercial warranty or 5 year domestic warranty when registered within the first year of purchase (See Website for terms and conditions)
- This product contains a light source of energy efficiency class D



General Information

Mounting	**Recessed**
Trade Name	**V50**
Environment	**Indoor**
Product Group	**Fire-rated Downlights**
Color Finish	**White**
Product Shape	**Round**
Product Range	**V50**
Overall Dimensions	**Ø84 x 67.7**
Height (mm)	**67.7**
Diameter (mm)	**84**
Product Weight(kg)	**0.29**
Light Source	**LED**
Light Source Features	**Colour Selectable**
Additional Information	**Maximum ceiling thickness is 30mm**
Luminaire Accessories	**Black, Brushed Brass, Brushed Nickel or Chrome Replacement Bezel; Concealer Ring; Converter Plate**

Overall Dimensions (mm) Rim	**Ø84**
Recommended Product Location	**Indoor use only**
Minimum Void Requirement	**50mm**
Method Of Fix	**Recessed with Spring Clips**
Product Aperture Size	**70mm**
IP Rating	**IP65**
Duration of Fire protection (Mins)	**Tested for use in fire-rated ceilings. Full information and up-to-date fire testing certificates for ceiling system types are available on JCC.CO.UK**
Origin of manufacturer	**Made In China**
Warranty	**5 Year Warranty(domestic) 3 Year(Commercial) (See Website for terms and conditions)**
Dimming Protocol Compatibility	**Triac**
Driver Manufacturer	**JCC**
LED Manufacturer/Type	**Hongli**
Lighting Product Type 1	**Fired Rated Downlights**
Customs Tariff code**	**9405421000**

Electrical

Voltage Rating	**230-240**
Primary Running Current(Amp)	**0.042**
Inrush current(Amps)	**0.325A**
Operating Frequency Hz	**50/60Hz**
Secondary running current(mA)	**145**
Constant Current or Constant Voltage	**CC**
Luminaire Circuit Wattage	**6**
Class	**II**
Output Voltage Max/Range (VDC)	**30-44**
Input Electrical Connections	**Push Fit Terminals LEN Loop In/Loop Out**
Dimmable	**Yes**
Max No. In Run	**20**

Thermals

Insulation Coverage	**Loosely Cover with Mineral Wool Insulation**
Minimum Void Requirement	**50mm**
Operating Temperature Range °C	**0 to 26**

Performance Data

LED Life (Hours)*	**51000**
Energy Rating	**This product contains a light source of energy efficiency class D**
Actual Lumen Output	**650/700**
Lumens Per Circuit Watt	**108/116**
Color Rendering Index	**80-89**
CRI: Ra	**80**

Correlated Color Temperature	**3000K/4000K**
Beam Angle °	**60**
LOR (Light Output Ratio) %	**100**
Photometry Available	**Yes: available on request.**

Construction

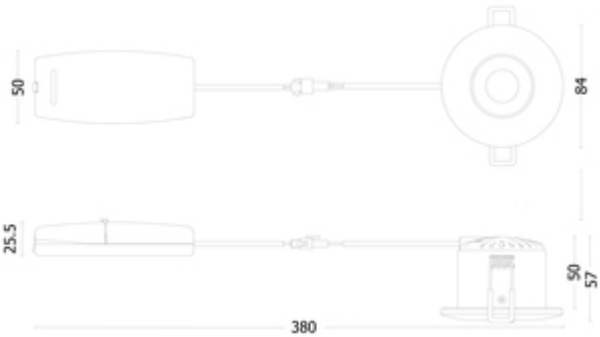
Primary Material	**Steel**
Lens	**Polycarbonate**
Heat Sink	**Aluminium**
Driver Housing	**Polycarbonate**
Rim Or Attachment	**Die-cast Aluminium**

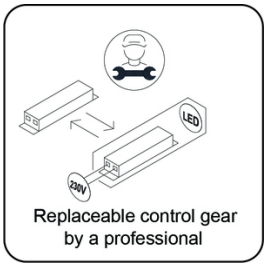
Packaging

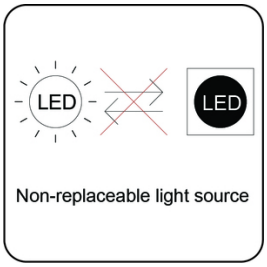
Product Packaged Weight(kg)	**0.4**
Quantity Per Outer Carton	**20**
Product Bar Code EAN-13 Number	**5052544081231**

Standards & Approvals

Manufactured In Accordance To	**BS EN 60598:2015, 2-1, 2-2**
CE Marked	**Yes**
UKCA Marked	**Yes**
Date code/Purchase order No.	**Yes**
WEEE Symbol	**Yes**
Certificate Of Conformity	**Available on request**
Accredited Members	**LIA, ISO9001-2015, ISO14001-2015**













*Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation of lumen depreciation during the warranty period.

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