

# JC1001/NB

## V50

V50 Fire-rated LED downlight 6W 700lm IP65 No bezel

### 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	<b>Recessed</b>
Trade Name	<b>V50</b>
Environment	<b>Indoor</b>
Product Group	<b>Fire-rated Downlights</b>
Product Shape	<b>Round</b>
Product Range	<b>V50</b>
Overall Dimensions	<b>Ø84 x 67.7</b>
Height (mm)	<b>67.7</b>
Diameter (mm)	<b>84</b>
Product Weight(kg)	<b>0.28</b>
Light Source	<b>LED</b>
Light Source Features	<b>Colour Selectable</b>
Additional Information	<b>Maximum ceiling thickness is 30mm</b>
Luminaire Accessories	<b>Black, Brushed Brass, Brushed Nickel, Chrome or White</b>
Overall dimensions (mm) Rim	<b>Replacement Bezel; Concealer Ring; Converter Plate</b>
	<b>Ø84</b>

Recommended product location	<b>Indoor use only</b>
Minimum Void Requirement	<b>50mm</b>
Method of fix	<b>Recessed with Spring Clips</b>
Product Aperture Size	<b>70mm</b>
IP Rating	<b>IP65</b>
Duration of Fire protection ( Mins)	<b>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</b>
Origin of manufacturer	<b>Made In China</b>
Warranty	<b>5 Year Warranty(domestic) 3 Year( Commercial) (See Website for terms and conditions)</b>
Dimming Protocol Compatibility	<b>Triac</b>
Driver manufacturer	<b>JCC</b>
LED manufacturer/type	<b>Hongli</b>
Lighting Product Type 1	<b>Fired Rated Downlights</b>
Customs Tariff code**	<b>9405421000</b>

## Electrical

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

## Thermals

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

## Performance Data

LED Life (Hours)*	<b>51000</b>
Energy Rating	<b>This product contains a light source of energy efficiency class D</b>
Actual Lumen Output	<b>650/700</b>
Lumens Per Circuit Watt	<b>108/116</b>
Color Rendering Index	<b>80-89</b>
CRI: Ra	<b>80</b>
Correlated Color Temperature	<b>3000K/4000K</b>

Beam Angle °	60
LOR (Light Output Ratio) %	100
Photometry Available	Yes

## Construction

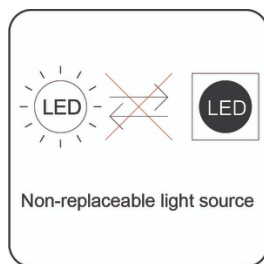
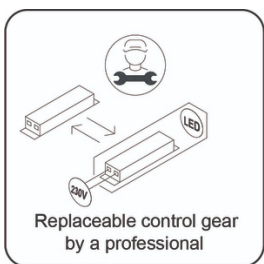
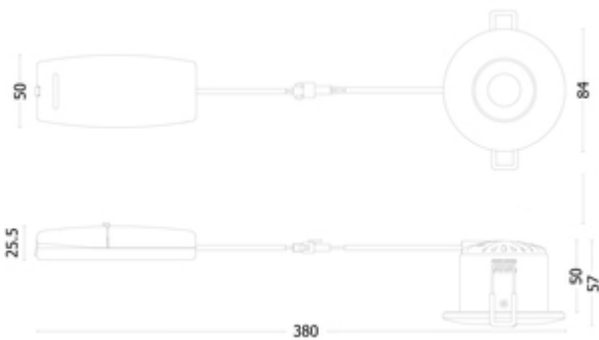
Primary Material	Steel
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Polycarbonate
Rim or Attachment	Die-cast Aluminium

## Packaging

Product Packaged Weight(kg)	0.39
Quantity Per Outer Carton	30
Product Bar Code EAN-13 Number	5052544081224

## 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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