

JC1001/BN

V50

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

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	Brushed Nickel
Product Shape	Round
Product Range	Fire-rated Downlights
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, Chrome or White 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

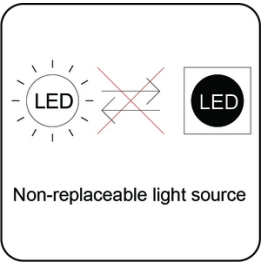
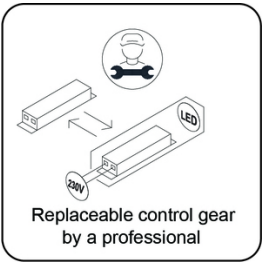
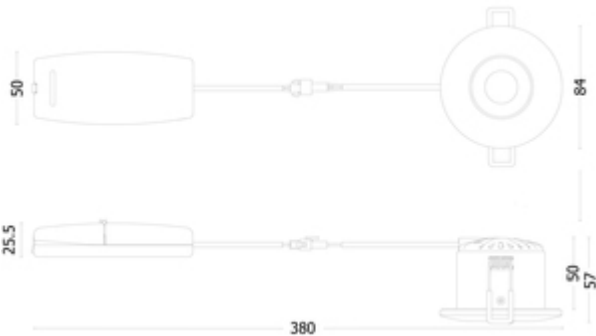
Primary Material	Steel
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Polycarbonate
Rim Or Attachment	Die-cast Aluminium

Packaging

Product Packaged Weight(kg)	0.4
Quantity Per Outer Carton	20
Product Bar Code EAN-13 Number	5052544081200

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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