

JC1001/WH

V50

V50 Fire-rated LED downlight 7.5W 650lm 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 F



RATING



DIMMABLE EMERGENCY



BEAM



COL SWITCH



CLASS II



CRI:RA



WARRANTY

General Information

Mounting

Environment

Product Group

Product Range

Trade Name

Color Finish

Product Shape

Product Weight(kg)

Overall Dimensions

Light Source

Light Source Features

Luminaire Accessories

Overall Dimensions (mm) Rim

Recommended Product Location

Minimum Void Requirement

Recessed

Indoor

Fire-rated Downlights

V50

V50

White

Round

0.29

Ø84 x 67.7

LED

Colour Selectable

Black, Brushed Brass, Brushed Nickel or Chrome

Replacement Bezel; Concealer Ring; Converter Plate

Ø84

Indoor use only

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	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)
Dimming Protocol Compatibility	Triac
Driver Manufacturer	JCC
LED Manufacturer/Type	Hongli
Lighting Product Type 1	Fired Rated Downlights

Electrical

Voltage Rating	230-240
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	175
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage	7.5
Class	II
Output Voltage Max/Range (VDC)	36
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

Performance Data

LED Life (Hours)	51000
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.	
Energy Rating	This product contains a light source of energy efficiency class F
Actual Lumen Output	600/650
Lumens Per Circuit Watt	80/87
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	3000K/4000K
Beam Angle °	60

LOR (Light Output Ratio) %
Photometry Available

100
Yes: available on request.

Construction

Primary Material
Lens
Heat Sink
Driver Housing
Rim Or Attachment

Steel
Polycarbonate
Aluminium
Polycarbonate
Die-cast Aluminium

Packaging

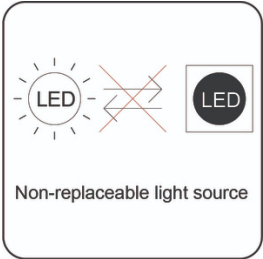
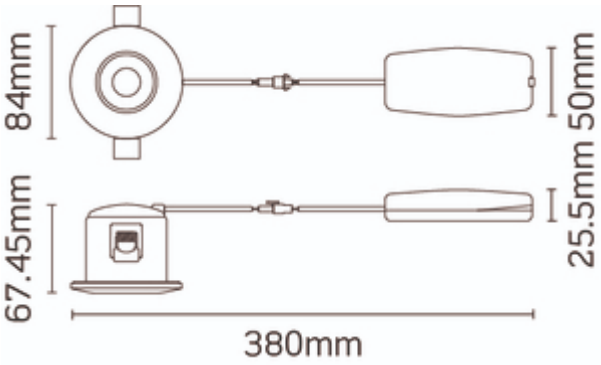
Product Packaged Weight(kg)
Quantity Per Outer Carton
Product Bar Code EAN-13 Number

0.4
20
5052544081231

Standards & Approvals

Manufactured In Accordance To
CE Marked
UKCA Marked
Date code/Purchase order No.
Certificate Of Conformity
Accredited Members

BS EN 60598:2015, 2-1, 2-2
Yes
Yes
Yes
Available on request
LIA, ISO9001-2015, ISO14001-2015





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