

JC1001/CH

**V50 fire-rated downlight 7.5W dimmable 3000/4000K 600/650lm  
CH**



## Features & Benefits

- Two colour selectable from below the ceiling, 3000K & 4000K
- Ultra-low profile suitable for shallow 50mm ceiling voids
- Fully fire-rated for 30, 60 and 90 minute ceilings
- IP65, suitable for bathrooms (internal use only)
- Strong protected spring clips
- Fast, push-fit termination with remote driver
- Triac dimmable as standard (recommended dimmer list on JCC website)
- Twist & lock bezel design
- Available as complete fixture (JC1001) or without bezel (JC1001/NB)
- JC1001/NB requires separate bezel (JC1006)

## General Information

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### JCC Lighting

Innovation Centre, Beeding Close, Southern Cross  
Trading Estate, Bognor Regis, West Sussex, PO22 9TS  
Company Registration Number: 03044848 | VAT Number: 918544112  
T: 01243 838999 | F: 01243 838998 | [sales@jcc.co.uk](mailto:sales@jcc.co.uk) | [www.jcc.co.uk](http://www.jcc.co.uk)

<b>Product Group</b>	Fire-rated Downlights
<b>Product Range</b>	V50
<b>Trade Name</b>	V50
<b>Light Source</b>	LED
<b>Light Source Features</b>	Colour Selectable
<b>Lighting Product Type</b>	Fired Rated Downlights
<b>Product Shape</b>	Round
<b>Mounting</b>	Recessed
<b>Product Weight</b>	0.29kg
<b>Color Finish</b>	Chrome
<b>Overall Dimensions</b>	Ø84 x 67.7
<b>Overall Dimensions (mm) Rim</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>Environment</b>	Indoor
<b>Luminaire Accessories</b>	Black, Brushed Brass, Brushed Nickel or White Replacement Bezel; Concealer Ring; Converter Plate
<b>Duration Of Fire Protection (mins)</b>	30/60/90
<b>Origin Of Manufacture</b>	Made In China
<b>Guarantee</b>	3 Years
<b>Dimming Protocol Compatibility</b>	Triac
<b>Driver Manufacturer</b>	JCC
<b>LED Manufacturer/Type</b>	Hongli

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## Electrical

Voltage Rating	230-240
Secondary Running Current	180mA
Operating Frequency (Hz)	50/60Hz
CC or CV	CC
Luminaire Circuit Wattage	7.5
Sec - Voltage (V)	36VDC
Class	II
Input Electrical Connections	Push Fit Terminals LEN Loop In/Loop Out
Dimmable	Yes
Max No. In Run	20

## Thermals

Room Ambient Temperature Not To Exceed	30°C
Insulation Coverage	Loosely Cover with Mineral Wool Insulation

## Performance Data

Energy Rating	A+
Actual Lumen Output	600/650
Lumen Output	501-800
Lumens Per Circuit Watt	80/87
LED Life (Hours)	51000
Color Rendering Index	80-89
CRI: Ra	80
Correlated Color Temperature	3000K/4000K

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Light Distribution Detail	60-degree
LOR (Light Output Ratio) %	100%
Photometry Available	Yes: available on request.

## Construction

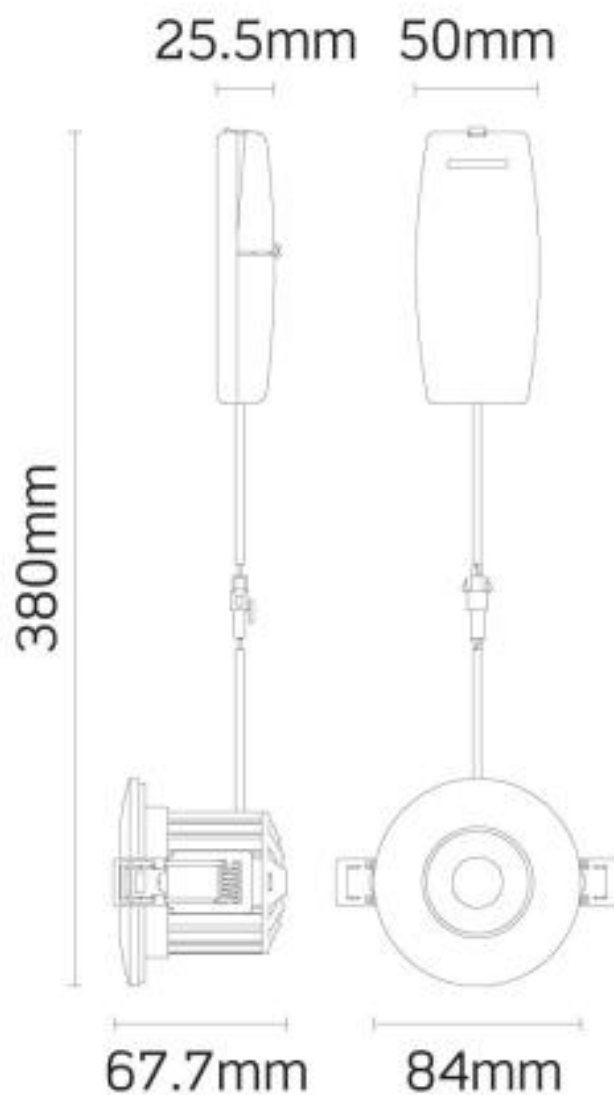
Primary Material	Steel
Lens	PC
Heat Sink	Extruded Aluminium
Driver Housing	Polycarbonate
Rim Or Attachment	Die-cast Aluminium

## Packaging

Luminaire Carton Dimensions	12 x 10 x 8.2cm
Quantity Per Outer Carton	20
Bar Code EAN Number	5052544081217
Packaged Weight	0.4kg

## Standards & Approvals

Listings	CE
Listings	Fire Rating
Manufactured In Accordance To	BS EN 60598:2015, 2-1, 2-2
CE Marked	Yes
Batch Coded	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Yes: available on request.
Accredited Members	LIA, ISO9001:2015, ISO14001:2015



Datasheet generated from <https://www.electrika.cloud> on 07 September 2018 14:04:30

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