

JC1002/CH

V50 Tilt

V50 Tilt Fire-rated LED downlight 6W 700lm IP20 CH

Features & Benefits

- Two colour selectable from below the ceiling 3000K & 4000K
- 20° tiltable and 350° rotatable lens
- Tested for use in fire-rated ceilings
- Strong protected spring clips
- Fast push-fit termination with remote driver
- Triac dimmable as standard (recommended dimmer list on JCC website)
- 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
Suitable For Zones	Outside zone 2
Product Group	Fire-rated Downlights
Color Finish	Chrome
Product Shape	Round
Product Range	V50
Overall Dimensions	Ø100 x 105
Height (mm)	105
Diameter (mm)	100
Product Weight(kg)	0.46
Light Source	LED
Light Source Features	Colour Selectable
Additional Information	Maximum ceiling thickness is 30mm
Luminaire Accessories	Converter Plate
Overall Dimensions (mm) Rim	Ø100
Recommended Product Location	Indoor use only

Minimum Void Requirement	50mm
Method Of Fix	Recessed with Spring Clips
Product Aperture Size	85mm
IP Rating	IP20
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
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
Lens
Heat Sink
Driver Housing
Rim Or Attachment

Steel
Polycarbonate
Aluminium
Polycarbonate
Die-cast Aluminium

Packaging

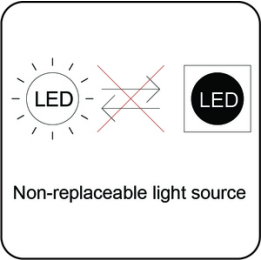
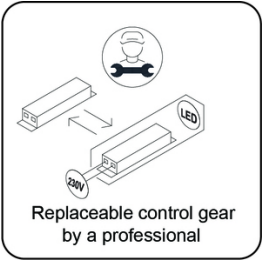
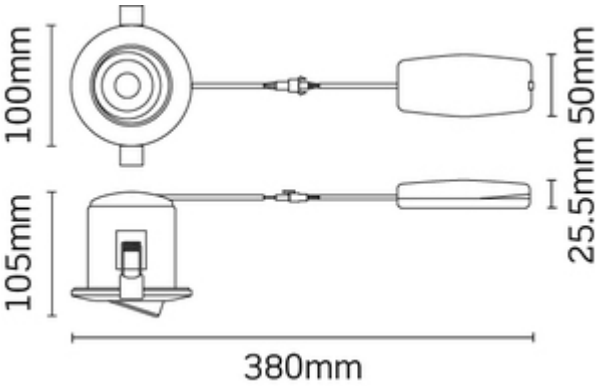
Product Packaged Weight(kg)
Quantity Per Outer Carton
Product Bar Code EAN-13 Number

0.57
20
5052544081255

Standards & Approvals

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

BS EN 60598:2015, 2-1, 2-2
Yes
Yes
Yes
Yes
Available on request
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.

**JCC Lighting Limited makes every effort to ensure that the Customs Tariff information in this document is timely and accurate. However, it's not possible for us to assure the absolute veracity and completeness of that information, as errors may occur. The placement of any inaccurate tariff information is completely unintentional. JCC Lighting Limited reserves the right, in its sole discretion, to correct any errors or omissions to the tariff code and to make any and all changes contained in this document at any time and without notice. It is the sole responsibility of the importer to ensure that

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