

JC1002/CH

V50 Tilt

V50 Tilt Fire-rated LED downlight 7.5W 650lm 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 F



CLASS II



COL SWITCH



BEAM



DIMMABLE



CRI:RA



RATING



WARRANTY

General Information

Mounting

Environment

Suitable For Zones

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

Method Of Fix

Product Aperture Size

IP Rating

Recessed

Indoor

Outside zone 2

Fire-rated Downlights

V50

V50

Chrome

Round

0.46

Ø100 x 105

LED

Colour Selectable

Converter Plate

Ø100

Indoor use only

50mm

Recessed with Spring Clips

85mm

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	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)	180
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
Operating Temperature Range °C	0 to 26

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) %	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



