

JC1002/WH

## V50 Tilt Fire-rated LED downlight 7W 650lm IP20 WH



### Features & Benefits

- Two colour selectable from below the ceiling, 3000K & 4000K
- 20° tiltable and 350° rotatable lens
- Fully fire-rated for 30, 60 and 90 minute ceilings
- Strong protected spring clips
- Fast, push-fit termination with remote driver
- Triac dimmable as standard (recommended dimmer list on JCC website)

### General Information

<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>	0.46kg
<b>Color Finish</b>	White
<b>Overall Dimensions</b>	Ø100 x 105

#### 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)

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
Environment	Indoor
Luminaire Accessories	Converter Plate
Duration Of Fire Protection (mins)	30/60/90
Origin Of Manufacture	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

## 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
Lumens Per Circuit Watt	80/87
LED Life (Hours) (L70)	51000

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	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.
<b>Color Rendering Index</b>	80-89
<b>CRI: Ra</b>	80
<b>Correlated Color Temperature</b>	3000K/4000K
<b>Light Distribution Detail</b>	60-degree
<b>LOR (Light Output Ratio) %</b>	100%
<b>Photometry Available</b>	Yes: available on request.

## Construction

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

## Packaging

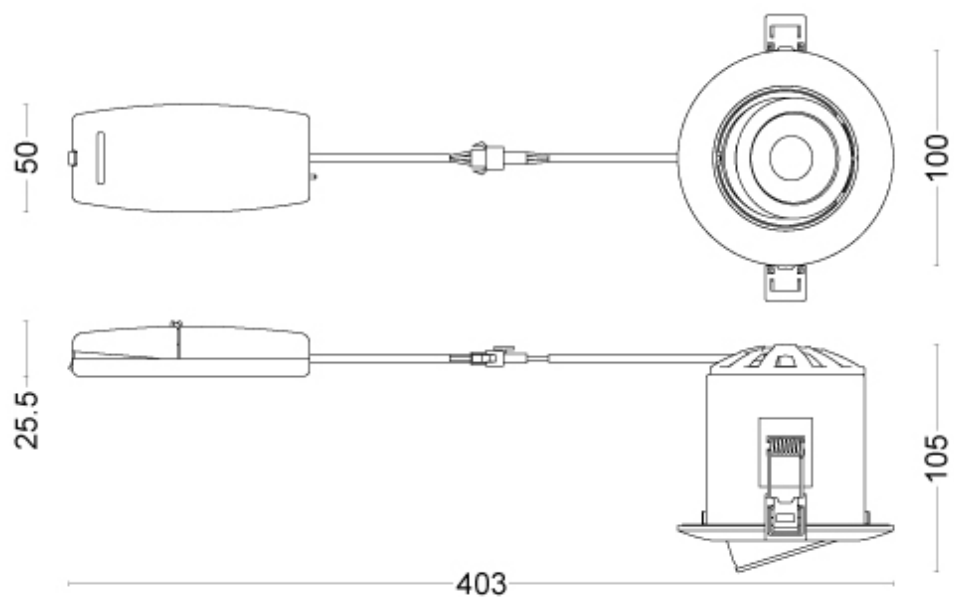
<b>Luminaire Carton Dimensions</b>	11.8 x 11.3 x 10cm
<b>Quantity Per Outer Carton</b>	20
<b>Bar Code EAN Number</b>	5052544081262
<b>Packaged Weight</b>	0.57kg

## Standards & Approvals

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

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