

# JC1017/WH

## V50™ Pro

V50™ Pro Retrofit 170mm Fire-rated LED Downlight 7.5W IP65 3000/4000K White

### Features & Benefits

- Slim profile 3mm bezel with a slimline double hinged driver, including colour coded loop in/loop out terminals
- Allows for retrofit where larger downlights were previously installed covers ceiling cut-outs Ø70-159mm
- Ideal for damage from previous fittings or replacement of traditional large fittings
- Low profile design, for installations in shallow 50mm ceiling voids
- Selectable colour temperature from beneath the ceiling, 3000K & 4000K
- See [jcc.co.uk](http://jcc.co.uk) for latest Fire test reports



BEAM



CLASS II



COL SWITCH



CRI:RA



DIMMABLE WARRANTY



5yr



RATING

### General Information

Mounting	<b>Recessed</b>
Trade Name	<b>V50™ Pro</b>
Environment	<b>Indoor</b>
Product Group	<b>Fire-rated Downlights</b>
Color Finish	<b>White</b>
Product Shape	<b>Round</b>
Product Range	<b>Fire-rated Downlights</b>
Overall Dimensions	<b>Ø170 x 54</b>
Height (mm)	<b>54</b>
Diameter (mm)	<b>170</b>
Light Source	<b>LED</b>
Light Source Features	<b>Colour Selectable</b>
Overall Dimensions (mm) Rim	<b>Ø170</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>Ø70-159mm</b>
IP Rating	<b>IP65</b>
Duration of Fire protection ( Mins)	<b>Tested for use in fire-rated ceilings. Full information and up-to-date fire testing certificates for ceiling system types are</b>

Origin of manufacturer	available on JCC.CO.UK
Warranty	Made In China 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
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	Colour coded 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
<p>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.</p>	
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	Steel
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Lens  
Heat Sink  
Driver Housing  
Rim Or Attachment

Polycarbonate  
Aluminium  
Polycarbonate  
Die-cast Aluminium

## Packaging

Product Packaged Weight(kg)	0.57
Quantity Per Outer Carton	30
Outer carton(L)- cm	54.5
Outer carton(W)- cm	34.5
Outer carton(H)- cm	37
Outer carton Net weight- kg	17.03
Outer carton Gross weight- kg	18.13
Product Bar Code EAN-13 Number	5052544112737
Outer carton Bar Code ITF-14 Number	15052544112734

## Standards & Approvals

Manufactured In Accordance To	BS EN 60598:2015, 2-1, 2-2
CE Marked	Yes
UKCA Marked	Yes
Date code/Purchase order No.	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on request
Accredited Members	LIA, ISO9001-2015, ISO14001-2015



