

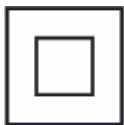
# JC1013/WHDAI

## V50™ Pro

V50 Pro 100mm Retrofit Fire-rated LED Downlight 6W IP65 3000K/4000K White DALI

### 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 Ø70-92mm
- 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
- This product contains a light source of energy efficiency class F



### 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>Ø100 x 54</b>
Height (mm)	<b>54</b>
Diameter (mm)	<b>100</b>
Product Weight(kg)	<b>0.258</b>
Light Source	<b>LED</b>
Light Source Features	<b>Colour Selectable</b>
Additional Information	<b>Maximum ceiling thickness is 30mm</b>
Overall dimensions (mm) Rim	<b>Ø100</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>Ø70-92mm</b>

IP Rating	IP65
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	7 years( Terms & conditions apply)
Dimming Protocol Compatibility	DALI/1-10V
Driver manufacturer	JCC
LED manufacturer/type	Hongli
Customs Tariff code**	9405421000

## Electrical

Voltage Rating	220-240
Primary Running Current(Amp)	0.065
Inrush current(Amps)	0.325A
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	160
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage1	6
Class	II
Output Voltage Max/Range (VDC)	30-44
Input Electrical Connections	Live & Neutral
Dimmable	Yes, DALI/1-10V
Max No. In Run	30

## 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 Output1	650
Actual Lumen Output2	700
Lumens Per Circuit Watt1	108
Lumens Per Circuit Watt2	116
Standard Deviation Colour Matching - SDCM	1.3
Color Rendering Index	80-89
CRI: Ra	80
Correlated Colour Temperature1	3000K
Correlated Colour Temperature2	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

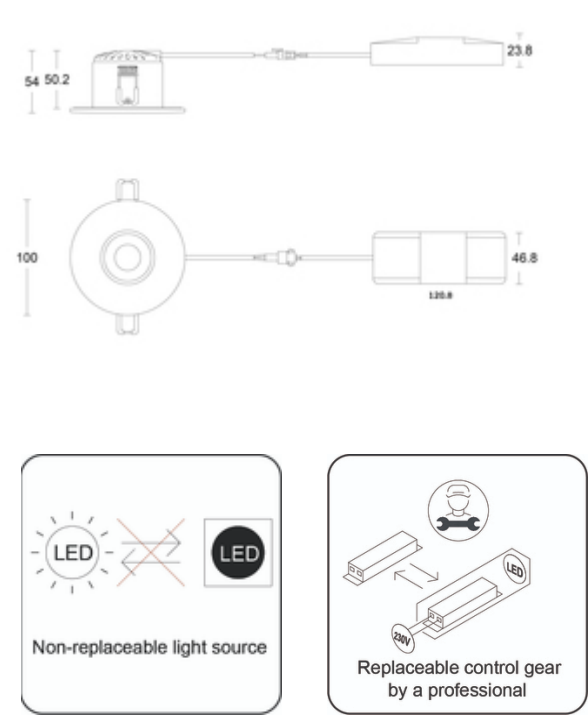
- Steel
- Polycarbonate
- Aluminium
- Polycarbonate
- Die-cast Aluminium

Packaging

Product Packaged Weight(kg)	0.3
Quantity Per Outer Carton	30
Outer carton(L)- cm	59
Outer carton(W)- cm	24.5
Outer carton(H)- cm	23
Outer carton Net weight- kg	8.99
Outer carton Gross weight- kg	9.53
Product Bar Code EAN-13 Number	5052544118142
Outer carton Bar Code ITF-14 Number	15052544118149

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



\*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.

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