

JC1013/WH

V50™ Pro

V50™ Pro Retrofit 100mm Fire-rated LED Downlight 6W 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 Ø70-92mm
- 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 for latest Fire test reports
- This product contains a light source of energy efficiency class F



General Information

Mounting	Recessed
Trade Name	V50™ Pro
Environment	Indoor
Product Group	Fire-rated Downlights
Color Finish	White
Product Shape	Round
Product Range	Fire-rated Downlights
Overall Dimensions	Ø100 x 54
Height (mm)	54
Diameter (mm)	100
Product Weight(kg)	0.258
Light Source	LED
Light Source Features	Colour Selectable
Additional Information	Maximum ceiling thickness is 30mm
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	Ø70-92mm

IP Rating

Duration of Fire protection (Mins)

Origin of manufacturer

Warranty

Dimming Protocol Compatibility

Driver manufacturer

LED manufacturer/type

Customs Tariff code**

IP65

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

Made In China

7 years(Terms & conditions apply)

Triac

JCC

Hongli

9405421000

Electrical

Voltage Rating	230-240
Primary Running Current(Amp)	0.042
Inrush current(Amps)	0.325A
Operating Frequency Hz	50/60Hz
Secondary running current(mA)	145
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage1	6
Class	II
Output Voltage Max/Range (VDC)	30-44
Input Electrical Connections	Colour coded Push Fit Terminals LEN Loop In/Loop Out
Dimmable	Yes
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

Construction

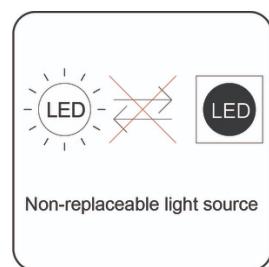
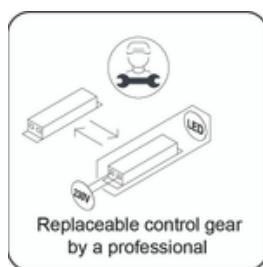
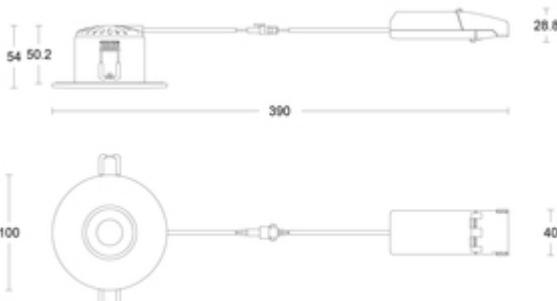
Primary Material	Steel
Lens	Polycarbonate
Heat Sink	Aluminium
Driver Housing	Polycarbonate
Rim or Attachment	Die-cast Aluminium

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	5052544112515
Outer carton Bar Code ITF-14 Number	15052544112512

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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JCC Lighting LTD, Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT.

Sales: 01243 838999 (8am to 5pm Monday to Friday) Fax: 01243 838998 | sales@jcc.co.uk | www.jcc.co.uk

Company Registration Number: 03044848 | VAT Number: 918544112

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