JC1013/WH

V50™ Pro

V50™ Pro Retrofit 100mm 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 Ø70-92mm
- 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

60° BEAM	CLASS II	COL SWITCH	80 CRI:RA	DIMMABLE	5yr WARRANTY	IP 65 RATING

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**
Light Source	**LED**
Light Source Features	**Colour Selectable**
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	**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	**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**

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	**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**

Non-replaceable light source

Replaceable control gear by a professional