# JC1019/BLK

V50™ Pro

V50™ Pro Anti-glare Fire-rated LED Downlight 6W IP65 3000/4000K BLK

Features & Benefits

- Slim profile 3mm bezel with a slimline double hinged driver, including colour coded loop in/loop out terminals
- Recessed lens to reduce glare, suitable for cut outs Ø70-76mm
- 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
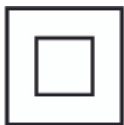
General Information

Mounting	**Recessed**
Trade Name	**V50™ Pro**
Environment	**Indoor**
Product Group	**Fire-rated Downlights**
Color Finish	**Black**
Product Shape	**Round**
Product Range	**Fire-rated Downlights**
Overall Dimensions	**Ø85 x 62.7**
Height (mm)	**62.7**
Diameter (mm)	**85**
Product Weight(kg)	**0.260**
Light Source	**LED**
Light Source Features	**Colour Selectable**
Additional Information	**Maximum ceiling thickness is 30mm**
Overall dimensions (mm) Rim	**Ø85**
Recommended product location	**Indoor use only**
Minimum Void Requirement	**50mm**
Method of fix	**Recessed with Spring Clips**
Product Aperture Size	**Ø70-76mm**
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	**5 Year Warranty(domestic) 3 Year(Commercial) (See Website for terms and conditions)**
Dimming Protocol Compatibility	**Triac**
Driver manufacturer	**JCC**
LED manufacturer/type	**Hongli**
Customs Tariff code**	**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 Wattage	**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 Output	**650/700**
Lumens Per Circuit Watt	**108/116**
Standard Deviation Colour Matching - SDCM	**1.3**
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	**22**
Outer carton(H)- cm	**26**
Outer carton Net weight- kg	**9.11**
Outer carton Gross weight- kg	**9.64**
Product Bar Code EAN-13 Number	**5052544114113**
Outer carton Bar Code ITF-14 Number	**15052544114110**

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**
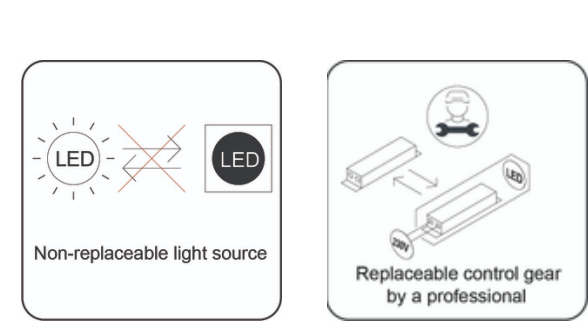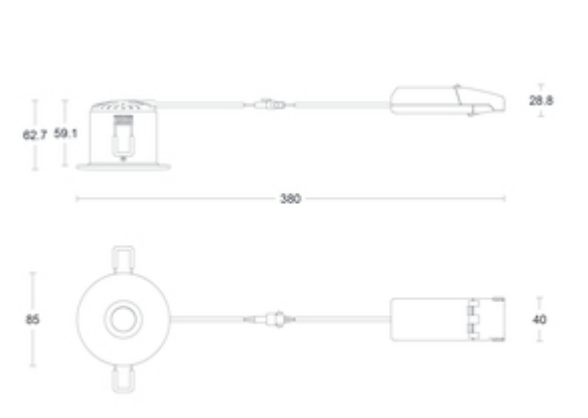
*Hours life stated is an indication of expected L70 chip and light output calculations when operating in optimum conditions. Product warranty period supports the full product during the term given. The L70 hours expectancy is not correlated with the full product warranty term, nor is it a representation

of lumen depreciation during the warranty period.

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