

JC1101/NB

X50

X50 Fire rated downlight 3W/5W IP65 3000/4000/5700K 480/700 lm No Bezel

Features & Benefits

- Two wattage and three colour selectable from beneath the ceiling
- Two-part first fix connector with dedicated testing terminals
- Double hinged terminal for easy access to terminal blocks
- Tested for use in Solid, I-Joist and Steel Open Web joist ceilings
- Available in a multipack of 10 with white bezel (JC1101/WH10) or without bezel (JC1101/NB), add bezel with JC1107 (add suffix)
- Triac dimmable as standard, see JCC.co.uk for approved dimmer list



General Information

Mounting	Recessed
Environment	Demanding
Suitable For Zones	Zone 1
Product Group	Fire-rated Downlights
Color Finish	No Bezel
Product Shape	Round
Product Range	X50
Overall Dimensions	84Ø x 55.4 x 322 cm (ssee profile drawing for details)
Length (mm)	322
Height (mm)	55.4
Diameter (mm)	84
Product Weight(kg)	0.245
Light Source	LED
Light Source Features	3CCT Switchable
Additional Information	For Emergency version, use JC131003 only. Not suitable for use with JCEM002/JCEM002ST
Luminaire Accessories	Bezel finish JC1107 * BN/CH/WH/BR/ BLK/ANTH
Recommended product location	Indoor use only
Minimum Void Requirement	50mm
Method of fix	Spring clips
Distance from lighted object	0.3m

Product Aperture Size	68-70mm Ø
IP Rating	IP65
Duration of Fire protection (Mins)	Tested for use in fire-rated ceilings. Full information and upto-date fire testing certificates for ceiling system types are available on JCC.CO.UK
Origin of manufacturer	China
Warranty	5 Year Warranty(Terms & conditions apply)
Dimming Protocol Compatibility	Triac dimmable
Driver manufacturer	JCC
Lighting Product Type 1	Downlight
Lighting Product Type 2	Fire-rated

Electrical

Voltage Rating	230-240
Primary Running Current(Amp)	0.0018/0.0026
Operating Frequency Hz	50/60
Secondary running current(mA)	0.0083/0.0127
Constant Current or Constant Voltage	CC
Luminaire Circuit Wattage1	3
Luminaire Circuit Wattage2	5
Class	I
EMC Compliant (EN55015)	Yes
Input Electrical Connections	Live, Earth, Neutral
Dimmable	Yes, Triac dimmable only

Thermals

Thermal Cut Out	Yes
Insulation Coverage	Loosely Cover with Mineral Wool Insulation
Minimum Void Requirement	50mm
Operating Temperature Range °C	0 to 26

Performance Data

LED Life (Hours)*	88000
Energy Rating	This product contains a light source of energy efficiency class B(3W) or C (5W) for selected Wattage
Actual Lumen Output1	480
Actual Lumen Output2	700
Lumens Per Circuit Watt1	160
Lumens Per Circuit Watt2	140
Color Rendering Index	80-89
CRI: Ra	80
Correlated Colour Temperature1	3000
Correlated Colour Temperature2	4000
Correlated Colour Temperature3	5700K
Beam Angle °	60°

LOR (Light Output Ratio) %
Photometry Available

100
Yes

Packaging

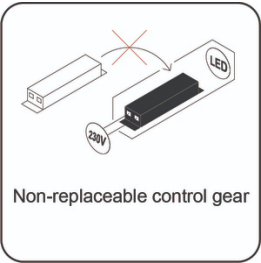
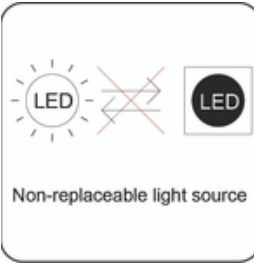
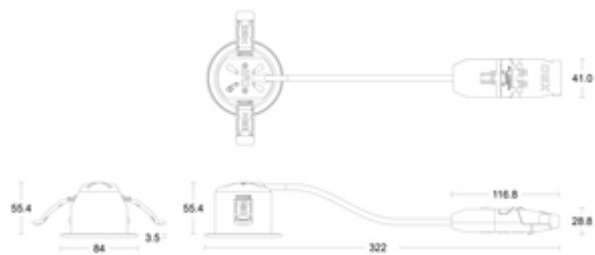
Product Bar Code EAN-13 Number

5052544121579

Standards & Approvals

Manufactured in accordance to
CE Marked
UKCA Marked
Date code/Purchase order No.
WEEE symbol
Certificate Of Conformity
Accredited Members

BS EN 60598:2015, 2-1, 2-2
Yes
Yes
Yes
Yes
available on request
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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