

# 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 (see 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	<b>68-70mm Ø</b>
IP Rating	<b>IP65</b>
Duration of Fire protection ( Mins)	<b>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</b>
Origin of manufacturer	<b>China</b>
Warranty	<b>5 Year Warranty(Terms &amp; conditions apply)</b>
Dimming Protocol Compatibility	<b>Triac dimmable</b>
Driver manufacturer	<b>JCC</b>
Lighting Product Type 1	<b>Downlight</b>
Lighting Product Type 2	<b>Fire-rated</b>

## Electrical

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

## Thermals

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

## Performance Data

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

LOR (Light Output Ratio) %

100

Photometry Available

Yes

## Packaging

Product Bar Code EAN-13 Number

5052544121579

## 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

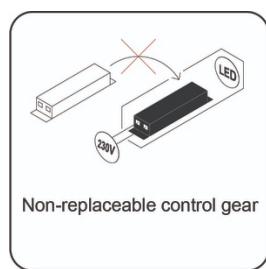
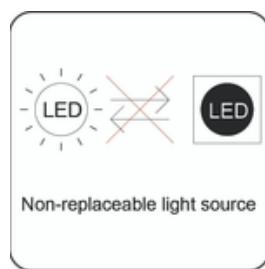
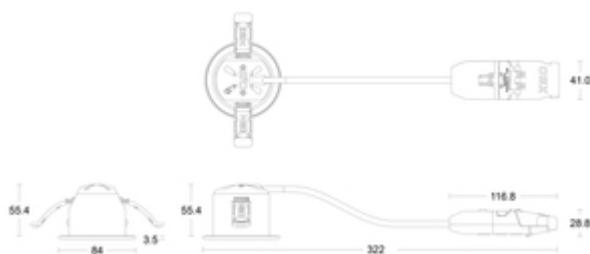
Yes

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](mailto:sales@jcc.co.uk) | [www.jcc.co.uk](http://www.jcc.co.uk)

Company Registration Number: 03044848 | VAT Number: 918544112

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