

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



60°

Beam



3000K

Colour temp.



4000K

Colour temp.



5700K

Colour temp.



80

CRI: Ra



Dimmable



IP 65

Rating



5yr

Warranty*

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 (sse 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) %

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

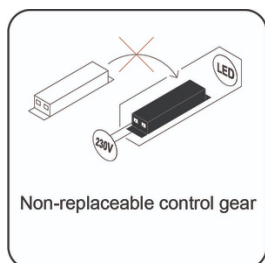
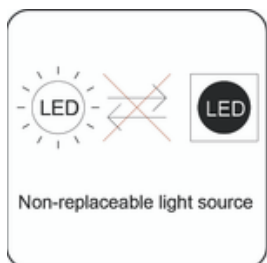
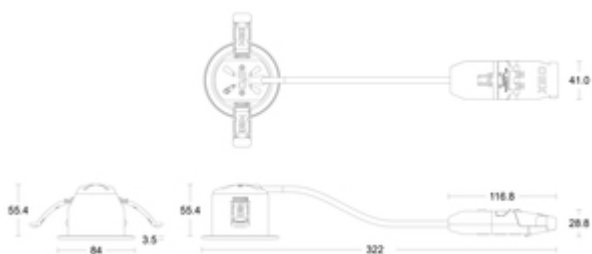
Yes

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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