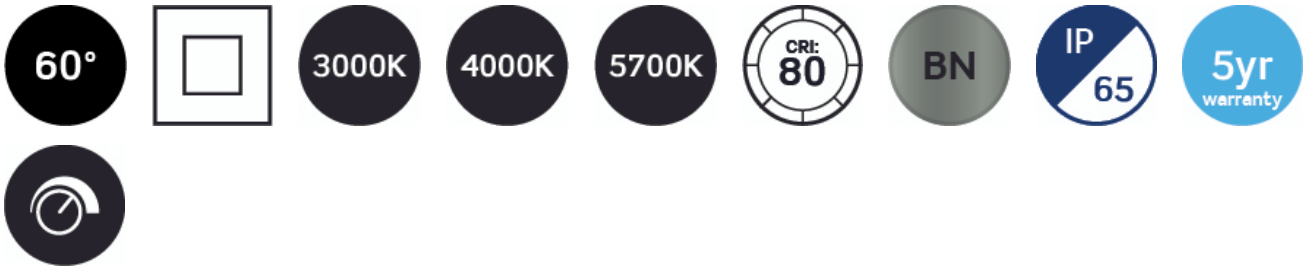
JC1102/BN

X50

X50 Fire rated Tilt downlight 3W/5W IP65 3000/4000/5700K 480/700 lms
Brushed nickel

Features & Benefits

- Two wattage and three colour selectable from remote driver
- 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
- 20° tiltable adjustment
- 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	**Brushed nickel**
Product Shape	**Round**
Product Range	**X50**
Overall Dimensions	**100Ø x 58.4 x 547 cm (sse profile drawing for details)**
Length (mm)	**547**
Height (mm)	**58.4**
Diameter (mm)	**100**
Product Weight(kg)	**0.390**
Light Source	**LED**
Light Source Features	**3CCT Switchable**
Additional Information	**For Emergency version, use JC131003 only. Not suitable for use with JCEM002/JCEM002ST**

Recommended product location	**Indoor use only**
Minimum Void Requirement	**50mm**
Method of fix	**Spring clips**
Distance from lighted object	**0.3m**
Product Aperture Size	**83mm Ø**
Max Angle Of Tilt & Rotation	**20° Tilt only**
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	**II**
Output Voltage Max/Range (VDC)	**33**
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**

Construction

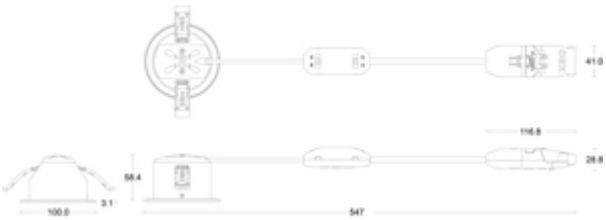
Driver Housing	**Polycarbonate**

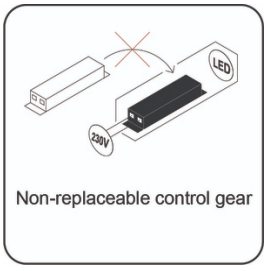
Packaging

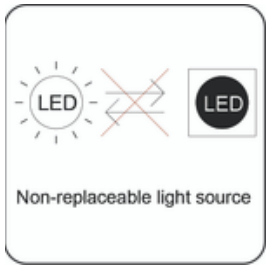
Product Bar Code EAN-13 Number	**5052544121661**

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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