JC1102/BN

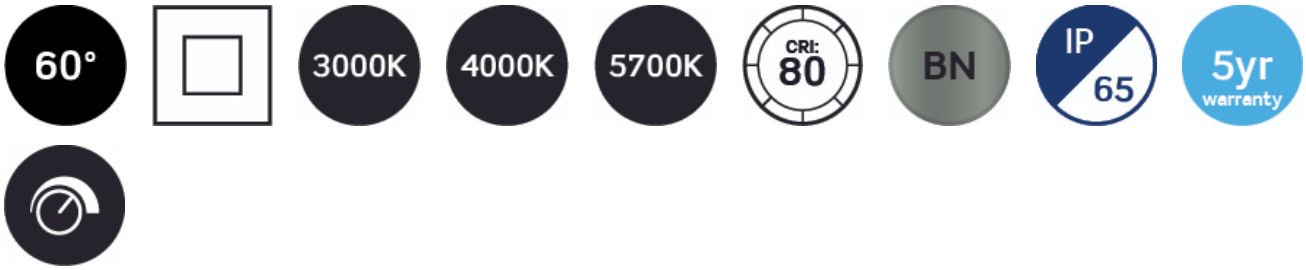
X50

X50 Fire rated Tilt downlight 3W/5W IP65 3000/4000/5700K 400/650 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 Wattage	**3/5 selectable**
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

Energy Rating	**This product contains a light source of energy efficiency class B(3W) or C (5W) for selected Wattage**
Actual Lumen Output	**480/700**
Lumens Per Circuit Watt	**160/140**
Color Rendering Index	**80-89**
CRI: Ra	**80**
Correlated Color Temperature	**3000/4000/5700K**
Beam Angle °	**60°**

LOR (Light Output Ratio) %	**100**
Photometry Available	**Yes**

Construction

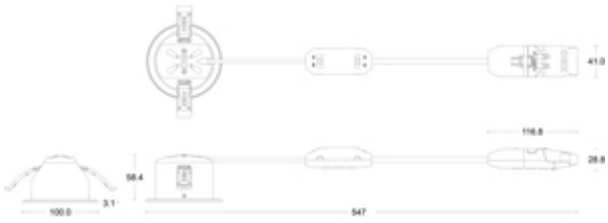
Driver Housing	**Polycarbonate**

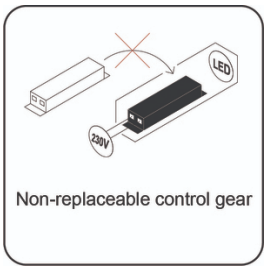
Packaging

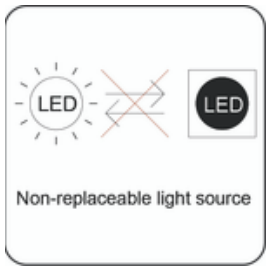
Product Bar Code EAN-13 Number	**5052544121661**

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**









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