

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° tilttable 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 (see 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 up-to-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

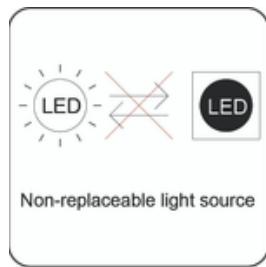
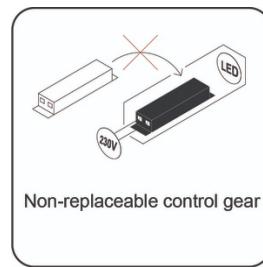
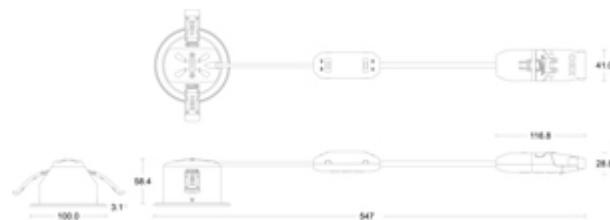
Yes

Certificate Of Conformity

available on request

Accredited Members

LIA, ISO9001-2015, ISO14001-2015



Non-replaceable control gear

Non-replaceable light source



JCC Lighting LTD, Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT.

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