

# JC1102/CH

## X50

X50 Fire rated Tilt downlight 3W/5W IP65 3000/4000/5700K 400/650 lms  
Chrome

### 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

**Chrome**

Product Shape

**Round**

Product Range

**X50**

Overall Dimensions

**100Ø x 58.4 x 547 cm (ssee 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	<b>Indoor use only</b>
Minimum Void Requirement	<b>50mm</b>
Method of fix	<b>Spring clips</b>
Distance from lighted object	<b>0.3m</b>
Product Aperture Size	<b>83mm Ø</b>
Max Angle Of Tilt & Rotation	<b>20° Tilt only</b>
IP Rating	<b>IP65</b>
Duration of Fire protection ( Mins)	<b>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</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 Wattage	<b>3/5 selectable</b>
Class	<b>II</b>
Output Voltage Max/Range (VDC)	<b>33</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

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

LOR (Light Output Ratio) %

100

Photometry Available

Yes

## Construction

Driver Housing

Polycarbonate

## Packaging

Product Bar Code EAN-13 Number

5052544121678

## 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



