

# INSTALLATION INSTRUCTIONS

## STELLAR SMART FIXED & STELLAR SMART TILT FIRE RATED DOWNLIGHTS

Product Code: **SSM/W & SSM/T/W**

### Safety Warning



- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.

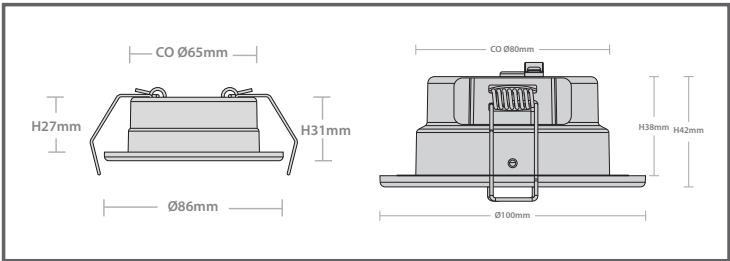


### Specification

#### Box Contents -

STELLAR SMART FIRE RATED DOWNLIGHT

<b>Dimensions:</b>	Fixed: Ø:86 x H:31mm. Cut Out Ø:65mm Tilt: Ø:100 x H:42mm. Cut Out Ø:80mm
<b>Material:</b>	Housing: Steel Bezel & Lens: Polycarbonate
<b>Working Temperature:</b>	-20°C - 40°C
<b>Included:</b>	Remote Smart driver with fast fit terminals



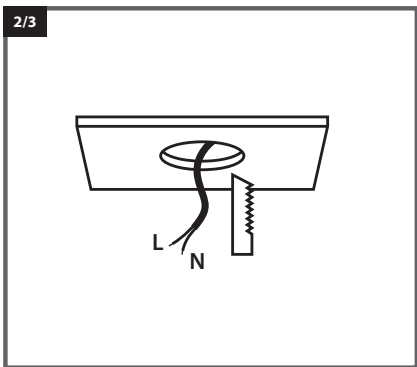
\*From Below Ceiling

### MAXIMUM FITTINGS PER CIRCUIT

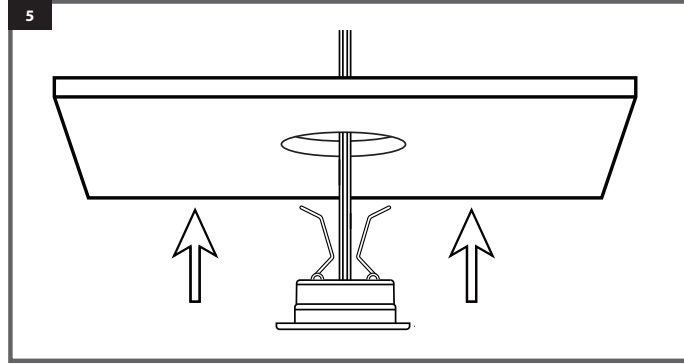
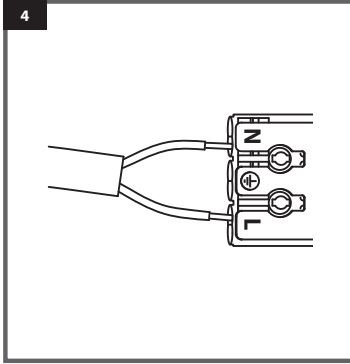
Automatic Circuit Breaker Type:	B6	B10	B13	B16	B20	C10	C13	C16	C20
Rated Current:	6A	10A	13A	16A	20A	10A	13A	16A	20A
Cable (mm):	1.5	1.5	2.5	2.5	4	1.5	2.5	2.5	4
SSM/W & SSM/T/W	110	180	230	280	360	180	230	280	360

### Installation Instructions

- Ensure the downlight will fit into the ceiling void, avoiding obstructions such as joists or services.
- Cut out the correct diameter hole in the required location. Stellar Fixed = 65mm diameter. Stellar Tilt = 80mm diameter.
- Feed the power supply cable through the hole.



4. Remove the terminal cover/strain relief on the driver and connect the supply cable(s) to the push fit terminals, observing correct polarity. Replace the cover/strain relief clamp to retain the cable(s). Fit and tighten the retention screw.
5. Pass the supply cable and driver through the ceiling aperture. Push up the spring clips and offer up the downlight into the ceiling until it sits flush and in position.
6. Restore the power supply and check for correct operation.
7. The fitting can now be connected to the Tuya Smart App (see separate guide), which offers the following functions via the app and a connected WiFi/Bluetooth network:
  - On/Off
  - Dimming (5-100%)
  - Colour (CCT) Changing
  - Grouping
  - Timer/Scheduling



## Replacement Bezels

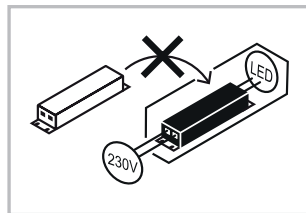
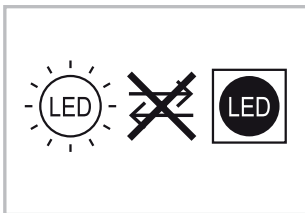
- The downlight is supplied with a matt white bezel trim as standard. This can be changed to other colour finish bezels, ordered separately.
- **Replacing the bezel trim on Fixed versions** - Remove the existing bezel by rotating it anti-clockwise. To fit new bezel, align the lugs on the bezel with the cut-outs on the body. Push up and rotate clockwise until the bezel locks into position (approx. 1/3 turn).
- **Replacing the bezel trims on Tilt versions** - Remove the existing bezels by rotating anti-clockwise. To fit new bezels, offer up the inner and outer bezels together, firstly locating the pivot channel on the inner bezel with the two hinge pins on the body. Then align the lugs on the outer bezel with the cut-outs on the body. Push up and rotate clockwise until the bezels lock into position (approx 1/3 turn).
- A wide range of bezel colour finishes are available. Square finish bezels are also available to fit this downlight.
- For full details and up to date list visit [redarrowelectrical.co.uk](http://redarrowelectrical.co.uk) or contact Red Arrow Sales

## Guarantee

This product is guaranteed for a period of 5 years from the date of purchase. The guarantee is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The guarantee is also invalidated if the luminaire has been insulation tested. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

## Maintenance

- This fitting will require routine cleaning if used in adverse (dust, paint, welding, oils etc) environments. Do not use solvents, aggressive detergents or abrasives.
- The LEDs and Driver in this product are non-replaceable at the end of life. When either the driver or LEDs reaches end of life, the whole luminaire should be replaced.



- When this fitting comes to the end of its life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.

INS/DOWNLIGHTS/0010/SSM/V1