**Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintainence.**

Available finishes: Various please visit www.ksrlighting.com for bezel options

## IP20 or IP65 ⏚ UKCA CE 240V~50Hz GU10 LED 10W Max.

**These fittings are Class I and must be Earthed**

**Part "B"**
BS476
Part 21

**Part "E"**
(Acoustics)

**Part "C"**
Compliant
Stops moisture &
air flow through
the luminaire

### Important Information
It is recommended that these luminaires are installed and fitted by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 240V~50Hz supply.
Any faulty, broken or damaged luminaires should be replaced immediately.
KSR will not accept responsibility for any claims arising from a poor installation.
Please Note: The limited warranty shall be deemed null and void in the following circumstances: Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature, humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

### Important User Advice
Always switch off mains supply before servicing or lamp changes.
This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or painted ceilings.
At the end of life the luminaire is classed as WEEE under directive 2014/30/EU and should be disposed of in accordance with local legislation.

### Installation Procedure
KSR recommends that a sample hole is cut in some scrap material to familiarise yourself with the installation. Once you are completely satisfied:
Locate the area's suitable to install these luminaires.
Cut a 70-72mm round hole in the ceiling and ensure sufficient ceiling void without infringing on joists, water pipes or electrical cables.
Connect the mains supply to the floating terminal block (Blue - Neutral, Brown - Live & Green/Yellow - Earth).
The terminal block allows for mains loop in/loop out connections, if not looping through either of the L,E & N inputs can be used. Snap the terminal cover down until the cable strain relief is gripping the outer insulation.
Insert your lamp into the retaining ring on the bezel (sold separately) (Fig. 1) ensuring the correct size lamp is used for the bezel type, feed the lamp and lampholder cables into the can and twist the bezel clockwise until resistance is felt, Do not over tighten to ease lamp changes.
Push the two spring clips up so the run parallel with the can, feed the springs gently in the cutout and release to let the downlight pull itself into place (Fig. 2).
The downlight can be lightly covered in mineral wool insulation, however where possible allow an area around the fitting for ventilation.
Turn on the mains supply and test the luminaire.

These GU10 downlights are only suitable for GU10 LED lamps and should never be used with Halogen lamps.
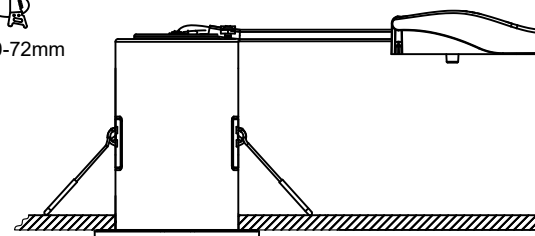
*Please note: Depending on the amount of fittings on a circuit and the lamp used you may have to upgrade the breaker to a 'C' or 'D' type to avoid nuisance tripping.

**Fig. 2**

ØCut out

70-72mm

*Installer Note:*
To ensure a good connection strip back 22mm of outer insulation and 10mm of the cable insulation and push the cable firmly into the terminal block.
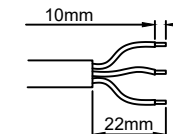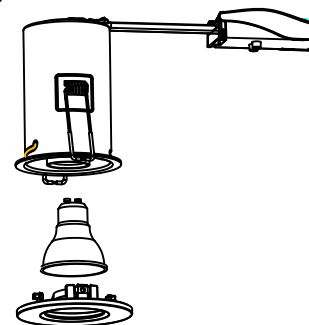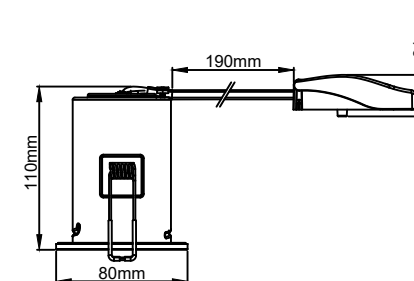
10mm

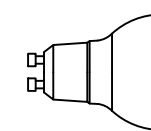22mm

**Fig. 1**

Rims sold seperately

31mm
190mm
110mm
80mm

### Lamp Details

Lamp Cap: GU10
Wattage: 10W
Dimmable: Lamp Dependent
Lamp Heights:
Baffle Bezel - 53mm max.
Standard IP20/IP65 Bezel - 70mm max.

KSR Lighting Aftersales: 023 92 674343
E-mail: aftersales@ksrlighting.com

| | ØRim Size | ØCut out | Void Depth Req'd | Max Wattage |
|---|---|---|---|---|
| KSRFRD415 | 88mm | 70-72mm | 120mm | 10W GU10 LED |

**KSR LIGHTING**