

Read these instructions before commencing installation & retain them for future reference.

IP20/IP65  **240V 10W**
GU10 LED

Important Information

It is recommended that luminaires are installed by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control.
These products are designed for connection to a 230-240V mains supply.
Any broken or damaged parts should be replaced as soon as possible.
KSR will not accept responsibility for any claims arising from a poor installation.

Important User Advice

Always switch off mains supply before servicing.
This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or painted walls.

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 areas 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), 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.
The downlight can be covered in mineral wool insulation, however where possible allow an area around the fitting for ventilation.
Turn on the mains supply to test the luminaire.




These GU10 downlights are only suitable for GU10 Retrofit LED lamps and should not 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.

ØRim Size	ØCut out	Void Depth Req'd	Max Wattage
KSRFRD400	88mm	70-72mm	10W GU10 LED

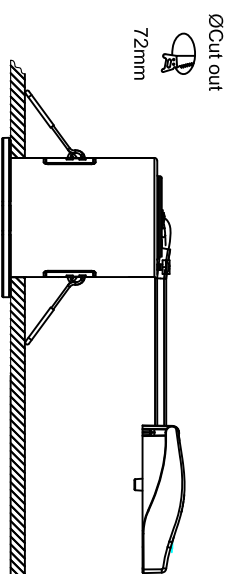


Available Rim Finishes: White, Chrome & Satin Chrome

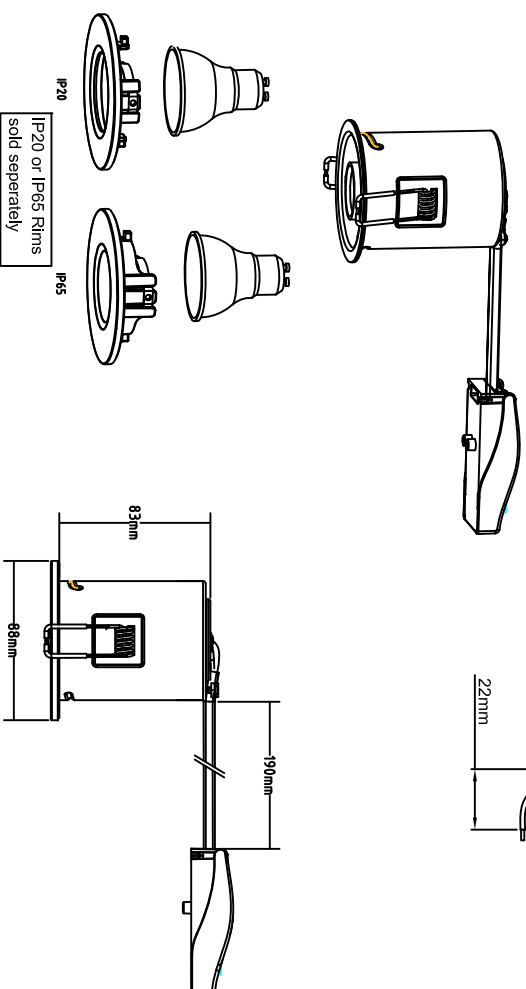
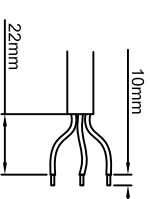
- Part "B"**  BS476 Part 21
- Part "E"**  (Acoustics)
- Part "C"**  Compliant
Stops moisture & air flow through the luminaire

Luminaire suitable for all timber joist ceiling variants up to 90 minutes.
90 Minute fire rating
Approved to:- **BS476 Part 21**
Building Regulations Document B2 determines the ceiling type that is required depending on the type of building under construction.
The ceiling types are designed to provide protection to the floor above in the case of fire for a duration as specified by the document. Using KSR's Fire-Rated downlights ensures that this specification is maintained even when downlights are installed in the ceiling.

Fig. 1



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



KSR Lighting After-sales: 023 92 674343
E-mail: info@ksr-lighting.co.uk