



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

IP65 240V ~50Hz 8.8W

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 area's suitable to install these luminaires. Cut a 74mm 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 LED Driver (Blue - Neutral, Brown - Live). Earth terminals are provided for earth continuity only. Press into place the strain relief pushing down until it grips the outer cable insulation. Install the terminal cover. The LED driver allows for mains loop in/loop out connections, if not looping through either of the L,E & N inputs can be used. Press springs back and push luminaire body into aperture.

Important note: This downlight can not be covered with mineral wool insulation, the head unit and driver should remain in free air space to avoid overheating.

*Please note: Depending on the amount of Qr10 fittings on a circuit you may have to upgrade the breaker to a 'C' or 'D' type due to the way electronic LED drivers start up with higher inrush currents compared to halogen lighting. If dimming, see the recommended dimmers list at www.ksrlighting.com or for any other questions please call our sales office on 023 92 674343.

KSR Downlight	Lumen Performance
KSRFRD361	3000k @ 705 Lumens
KSRFRD362	4000k @ 775 Lumens

ØRim Size	ØCut out	Void Depth Req'd	Max per circuit
85mm	74mm +/- 1mm	90mm	20

The light source of this luminaire is not replaceable; when the light source reaches its end of life the light source and control gear shall be replaced

Available Rim Finishes: White, Chrome, Satin Chrome & Black

Part "B"

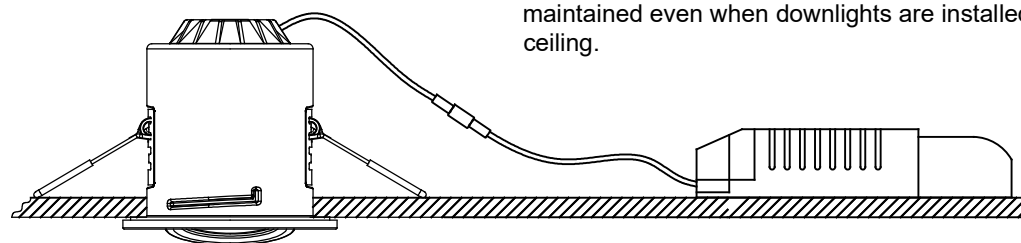
BS476 Part 21

Part "E"
(Acoustics)

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

Fig. 1

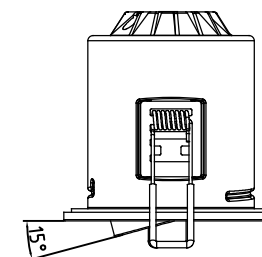
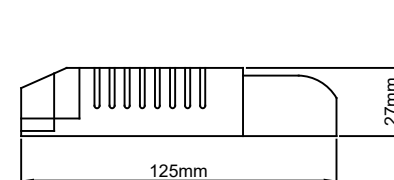
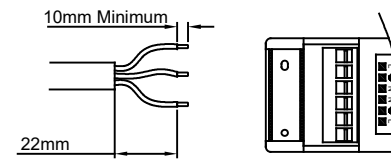
90mm min. void depth



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.

Installer Note:

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



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