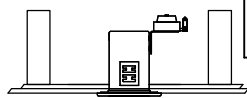


Part B

Fire Safety for 30, 60 & 90 minute solid timber joist ceilings.



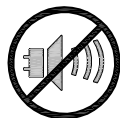
Approved to:- **BS476 Part 21**



I- Joist:-
For 30 & 60 minute ceiling types.

Part E:-

Resistance to passage of sound.



Part C:-

Site preparation & resistance to passage of moisture / air flow.



Part L:-

Conservation of fuel and power.
(Section 52)



Ceiling Cut-Out:-

Fig.2

JCC recommends that a sample hole is cut in some scrap material to familiarise yourself with the installation. This luminaire requires a round hole Ø66mm to be cut into the ceiling for correct installation.



Ø66mm

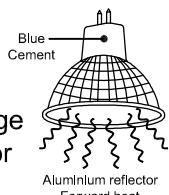
Lamp Replacement:-

JCC recommends fitting Sylvania 'Cool Fit' Lamps.

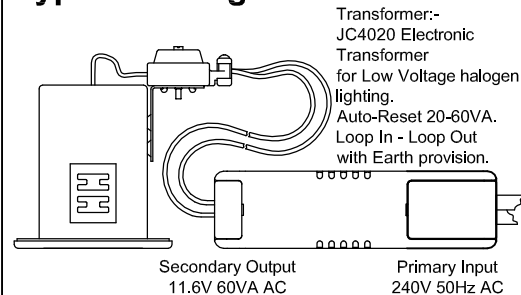
Lamp Cap:- GX5.3 Alu.

Max Wattage:- 50W

Note:- Aluminium low voltage lamps are recommended for this luminaire style.



Typical Wiring Connections:-



Installation:-

Fig.1

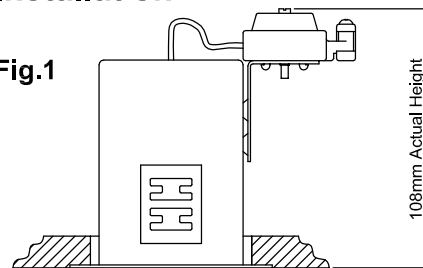
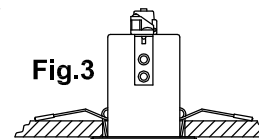


Fig.3



Stage 3

Press springs back and push luminaire body into aperture.

Connect luminaire to Transformer LV leads.

Stage 2

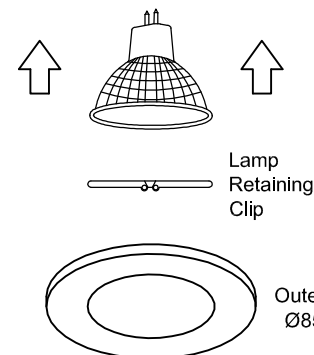
Cut Ø66mm hole in 30-90 minute fire rated ceiling.



Cut out Ø66mm

Stage 1

Read instructions and check you have all the tools and accessories to complete the installation correctly.



Lamp Retaining Clip

Outer Rim Ø85mm

Installation Instructions

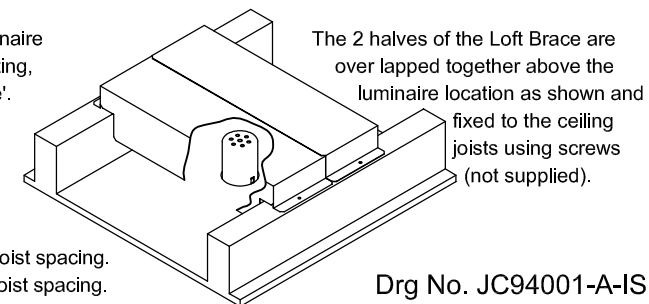
Please see Fig.2 for initial Cut-Out sizes.

Once you are completely satisfied locate the areas suitable to install these luminaires. Cut a Ø66mm round hole in ceiling and ensure sufficient ceiling void without infringing on joist, water pipes or electrical cables. Connect this product to a low voltage transformer supply. Always read the SELV Transformer instructions sheets. Fit this product as illustrated above (Fig 3). This appliance will be considered Class III provided that it is mounted with a safety transformer and that it meets current transformer regulations. Ensure area surrounding this luminaire is cleared of any flammable substances.

Where required by building regulations this product may be loosely covered with mineral wool insulation, however JCC recommends adequate free air ventilation around the luminaire wherever possible.

Cold Loft Spaces

To prevent accidental damage to the luminaire and to ensure good air flow around the fitting, JCC recommends the use of a 'Loft Brace'. This simple solution is designed to offer mechanical protection over the luminaire allowing all building and lighting regulations to be met.



Codes:- **JC94020** Loft Brace for 400mm joist spacing.

JC94021 Loft Brace for 600mm joist spacing.

Drg No. JC94001-A-IS

Important Information

It is recommended that luminaires are installed and fitted by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control. These products are designed for connection to a 12V Low Voltage AC supply. Always switch off mains supply before servicing, fitting or replacing lamps. Always check the lamp is correct for the application, including its voltage and wattage. Special attention should be paid for any installations with low ceiling voids. Lamps with aluminium reflectors that produce forward heat are recommended in this situation. If in doubt...ASK!

Never exceed the maximum wattage.

Never over run a transformer.

Ensure the lamp is correctly located in the lampholder.

JCC Lighting Aftersales

Technical Support Helpline: 01243 838986

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