

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.

Luminaire Classifications:-

IP20 RoHS Compliant

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.

Lamp Replacement:-
JCC recommends fitting branded lamps only, for example:- Sylvania, GE, Philips or Osram.

Lamp Cap:- GU10
Max Wattage:- 50W

Luminaire Connections:-

Heavy duty Loop in / Loop out connections. **Double insulated** L and N. **Earth** provision provided.

Installation:-

Fig.1

Fig.3

Stage 3
Press springs back and push luminaire body into aperture.
Connect luminaire to 240V supply cables.

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.

Installation Instructions

JCC 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 Ø66mm round hole in ceiling and ensure sufficient ceiling void without infringing on joist, water pipes or electrical cables. Connect this product to a mains 240V supply. Fit this product as illustrated above (Fig 3). This appliance will be considered Class II with Loop In / Loop Out connector and Earth provision. 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 standards to be met.

The 2 halves of the Loft Brace are slotted together above the luminaire location as shown and fixed to the ceiling joists using screws (not supplied).

Codes:- **JC94020** Loft Brace for 400mm joist spacing.
JC94021 Loft Brace for 600mm joist spacing.

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 230V / 240V Mains supply. It is recommended that all supply cables connected to this luminaire are heat resistant. Heat Resistant Rubber or Silicone Flex. 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.
Ensure the lamp is correctly located in the lampholder.

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