

**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)

**Luminaire Classifications:-**

IP20 RoHS Compliant

**Ceiling Cut-Out:-**  
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.

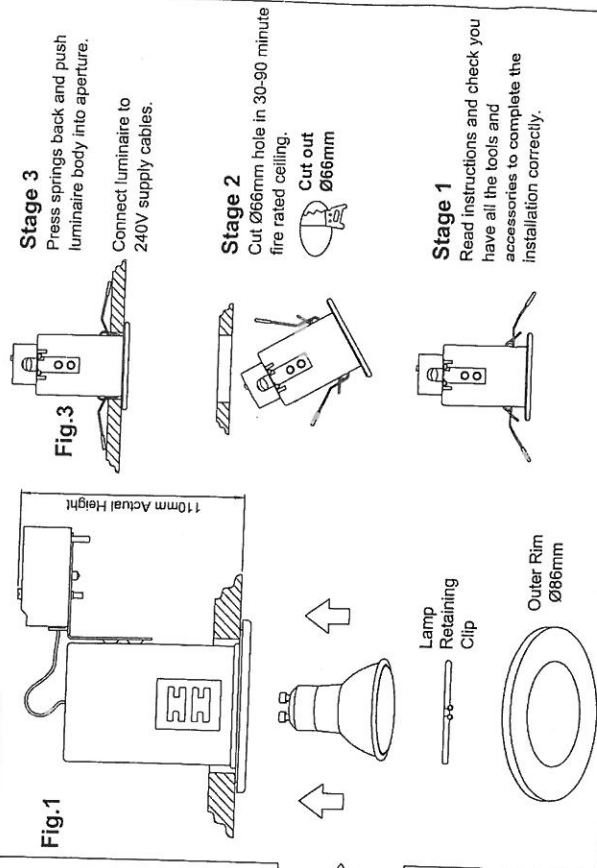
Lamp Cap:- GU10  
Max Wattage:- 50W

**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 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.

**JCC Lighting Aftersales**  
Technical Support Helpline: 01243 838986  
Customer Service Department: 01243 838990

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**Installation:-**

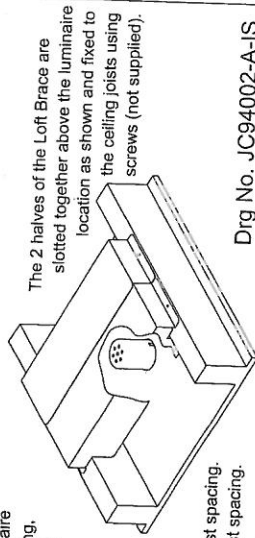


**Installation Instructions**

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.



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

Drg No. JC94002-A-IS