

# JC94002

## 90 Minute

### Fire Rated GU10 240V Mains Downlight

IP20 F  
50W Max GU10

#### 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. This product is designed for connection to a 230V / 240V Mains 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.  
Never exceed the maximum Wattage.  
Ensure the lamp is correctly located in the lampholder.

#### 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 area's suitable to install these luminaires.  
Cut a 62mm round hole in ceiling and ensure sufficient ceiling void without infringing on joist, water pipes or electrical cables.

JCC Lighting Aftersales:  
Technical Support Helpline : 01243 838986  
Customer Service Department : 01243 829040

Iss 1 - 30.11.05 - GDS



BS476  
Part 21

90  
Minute



Protection



Part "E"  
(Acoustics)

Part "C"  
Moisture and  
air flow through  
the luminaire.

Fire Rated Luminaire



FIREGUARD

Luminaire suitable for all timber joist ceiling variants up to 90 minutes. Part "E" Compliant (Acoustics)  
90 Minute fire rating  
Approved to:- BS476 Part 21

Building Regulations Document B 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 JCC's "FIREGUARD" downlights ensures that this specification is maintained even when downlights are installed in the ceiling.

To meet "Part C" of the building regulation's and provide sufficient air-tightness to avoid condensation forming in cold, un-vented roof spaces it is recommended that the seal shown in Fig. 2, be fitted behind the lamp before installing the retaining clip. This luminaire is suitable for installations where vapour permeable membranes are installed.

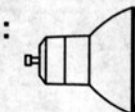
#### Installation Instructions (continued) :

Connect this product to a mains 240V supply.  
Fit this product as illustrated opposite (Fig 3)  
This appliance will be considered Class II with Loop in / Loop out connector and Earth provision.  
Wherever possible ensure there is adequate free air ventilation around the luminaire, however where building regulations require, this luminaire may be directly covered with continuous mineral insulation as recommended in Part "L" 2006 edition, section 50.  
The nearest illuminated surface must be at least 0.5m distance from the front of the fitting.  
Do not install this product on new plaster or Artex ceilings.

JCC Lighting Products recommends only branded lamps.  
For example: Sylvania, GE, Philips, Osram or BLV.

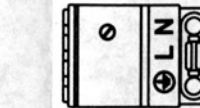
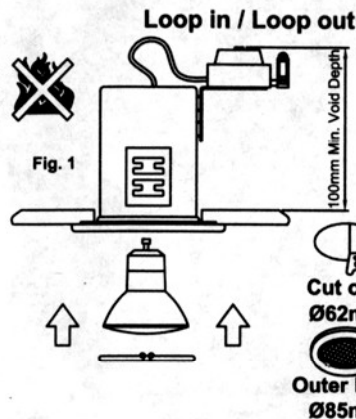
#### Lamp replacement :

Lamp Cap : GU10  
Max Wattage : 50W



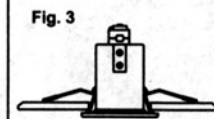
Aluminium reflector  
Forward heat

Drq No. JC94002-I-S



Class II Termination  
with Earth provision

Part "C"  
(Compliant)



#### Stage 3

Press springs back and push luminaire body into aperture.



Connect luminaire to 240V supply cables.



#### Stage 2

Cut hole in 30 - 90 minute fire rated ceiling.



#### Stage 1

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



BS EN ISO9001 - 2000  
Registered Firm  
Certificate No. GB 1552

Product Information

