

# FIREBREAK SERIES 240 VOLT CFL / LED FIRE PROTECTION DOWNLIGHT KIT

## INSTALLATION INSTRUCTIONS

**PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION  
LEAVE A COPY FOR THE USER / TRADESPERSON FOR FUTURE REFERENCE**

### FEATURES

Luminaire is designed to be used **ONLY** with CFL or LED lamps up to 13W.  
Diecast, twist-lock downlight, with a large, ventilated enclosure designed to reduce high surface temperatures & subsequent fire risk. Suitable for continuous operation.  
Integrated intumescent material completely seals the downlight in the event of a fire.  
Tested to AS/NZS 60598.2.2:2001.  
Allows compliance to AS/NZS 3000:2007:4.5.2.3 method (a).

### IMPORTANT INSTALLATION INFORMATION

Installation should **ONLY** be carried out by a licensed electrician, in accordance with AS/NZS 3000:2007, and taking into consideration any Building Code requirements.  
Check that the correct lamp type and wattage is fitted (max 13 watts CFL / LED GU10)  
**IMPORTANT:** Ensure that all electrical connections are tight with no loose strands, including factory made connections.  
Ensure there is a clearance of 50 mm above the luminaire, refer to Fig. 1. It is the installers' responsibility to ensure that the installation is safe and conforms to AS/NZS 3000:2007.

The luminaire is suitable for installation on normally flammable surfaces i.e. timber.  
Before commencing installation or maintenance, ensure electricity is switched off at the mains.  
The luminaire can be installed in loose-fill insulation with no protective barrier, but **MUST NOT** be covered with this type of insulation. If the average insulation level is higher than the luminaire, a barrier should be installed to prevent coverage of the luminaire.

### IMPORTANT USER INFORMATION

Always switch off mains supply before servicing, fitting or changing the lamp.  
Replace failed lamps immediately.  
Allow the lamp & fitting to cool before replacing lamp.  
Check the correct lamp type & wattage is fitted (max 13 watts CFL / LED GU10).

**WARNING!** These 240 Volt CFL / LED instructions **DO NOT** apply to, & **MUST NOT** be used for 12 Volt halogen, nor can they be applied to or used for 240 Volt halogen installations.

## INSTALLATION INSTRUCTIONS – FIXED & IP65

1. Ensure mains power is switched off.
2. Select the required position for the luminaire ensuring the clearances shown in Fig.1 are adhered to. Beware of joists, water pipes and electric cables; cut a hole in the ceiling which matches to the type of downlight (see table below). For IP65 luminaires, ensure the contact area between the fitting and the ceiling is smoothed off.
3. Connect mains wire to terminal block: Blue to neutral; Brown to live; + Earth if required.
4. Slide the legs of the mounting spring clips into the ceiling cut-out and push the luminaire up into the aperture. Ensure that it is securely located.
5. Ensure the lamp is correctly located in the lamp holder, then switch on the power supply.

### GENERAL - FOR CFL FITTINGS

Dimming of this luminaire is not possible, unless the CFL or LED globe is compatible with the dimmer.

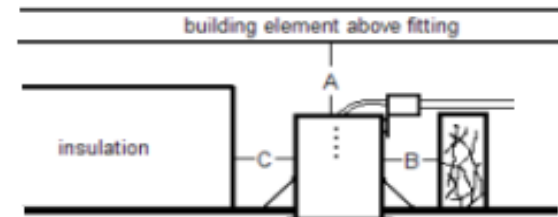


Fig. 1

TABLE 1

DIMENSION	REQUIRED MIN. CLEARANCE
A – clearance above luminaire	50mm
B – side clearance to timber	No clearance required
C – side clearance to insulation	No clearance required

TABLE 2

NAME	CUTOUT DIA.	LAMP TYPE
TWIST LOCK FIXED	75mm	GU10 CFL / LED <13 W

**DISCLAIMER** – Arrowform P/L takes no responsibility for installations carried out that are not in accord with these instructions.  
Arrowform P/L reserves the right to change product design or specifications at any time.

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