

FIREBREAK SERIES 240 VOLT FIRE PROTECTION DOWNLIGHT KIT

INSTALLATION INSTRUCTIONS

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

FEATURES

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 easy compliance to AS/NZS 3000:2007:4.5.2.3 option (c).
Quality Dichroic GU10 globe.

IMPORTANT INSTALLATION INFORMATION

Installation should **ONLY** be carried out by a licensed electrician, in accordance with AS/NZS 3000:2007, and taking into consideration the latest requirements from BCA.
Check that the correct lamp type and wattage is fitted (max 50 watts Dichroic GU10)
IMPORTANT: Ensure that all electrical connections are tight with no loose strands, including factory made connections.
Ensure there is adequate free air circulation minimum of 25 mm around and 50 mm above the luminaire, refer to Fig. 1. It is the installer's responsibility to ensure that the installation is safe and conforms to AS/NZS 3000:2007.
Insulation material **MUST NOT** cover the luminaire nor should it restrict free air flow around it.
The luminaire is suitable for installation on normally flammable surfaces i.e. timber, but the luminaire **MUST NOT** be installed in or close to highly flammable materials, i.e. polystyrene.
Before commencing installation or maintenance, ensure electricity is switched off at the mains.
The nearest illuminated surface must be no less than 0.5 m from the front of the luminaire.
DO NOT install this luminaire in a confined air-space of less than 0.05 cubic metres, (eg. 200mm H x 500mm W x 500mm L) otherwise overheating could occur.
If loose-fill insulation is installed in the space containing this luminaire, a fire resistant barrier minimum 100mm higher than the highest surrounding insulation level **MUST** be installed to maintain the required clearances in Fig. 1.

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 50 watts Dichroic GU10).
Fit self shielding lamps only. We recommend quality branded globes, i.e. Osram, GE, Phillips

INSTALLATION INSTRUCTIONS - FIXED, ADJUSTABLE & 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. Pinch the two secondary wires to a 90° bend at the cable entry point to facilitate easier globe replacements at later date/s.
5. 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.
6. Ensure the lamp is correctly located in the lamp holder, then switch on the power supply.

GENERAL - FOR LOW VOLTAGE FITTINGS

Dimming of this luminaire is possible.
IP65 rated luminaires are protected against dust and jets of water and are suitable for mounting in ceilings of locations containing a bath or shower.

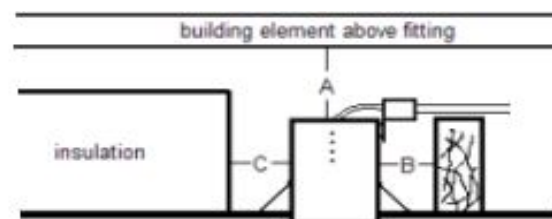


Fig. 1

TABLE 1

DIMENSION	REQUIRED MIN. CLEARANCE
A – clearance above luminaire	50mm
B – side clearance to timber	25mm
C – side clearance to insulation	25mm

TABLE 2

NAME	CUTOUT DIA.	LAMP TYPE
TWIST LOCK FIXED	75mm	GU10
TWIST LOCK TILT	90mm	GU10

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