



## COMPACT LOW VOLTAGE FIRE PROTECTION DOWNLIGHTS





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

### FEATURES

- Integrated Intumescent material completely seals the downlight in the event of a fire.
- Registered Community Design Pending.
- UK Patent Pending.
- 2 Year Guarantee.
- Cast aluminium Fixed, Adjustable and IP65 versions available.
- Tested to BS476 Part 21 (Fire rating), suitable for 30, 60 and 90 minute fire rated ceilings.
- Tested to BS EN ISO 140-3:1995 & BE EN ISO 140-6:1998 (Acoustic rating), Maintaining the integrity of the sound insulation of a separating or internal floor.
- Designer accessories available to customise your installation.
- Includes AU-ALMR16/50 Aluminium Reflector Lamp.

### IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring Regulations (BS7671) and taking into consideration the latest Building Regulations. If in doubt, consult a qualified electrician.
- Maximum Voltage – 12V AC.
- Check that the correct lamp type and wattage is fitted. (MR16 Max. 35-Watts on flammable surfaces, 50-Watts on non-flammable surfaces).
- PLEASE NOTE: In order to minimise heat build up in the ceiling void, USE ALUMINIUM REFLECTOR lamps ONLY.
- **IMPORTANT.** Ensure that ALL electrical connections are tight with no loose strands, including factory made connections.
- These luminaires are for indoor use only.
- DO NOT install this Luminaire into new plaster or damp areas.
- Ensure there is adequate free air circulation of at least 50mm around the luminaire. All luminaires run hot. It is the installer's responsibility to consider fire risk and take appropriate precautions.
- The luminaire must not, under any circumstances, be covered with any insulation materials and luminaires must not be installed close to flammable materials.
- Before commencing installation or maintenance, ensure electricity is switched off at the mains.
- The nearest illuminated surface must be at least 0.5m from the front of the luminaire.
-  35W- If this luminaire is to be mounted on a Normally Flammable Surface e.g. a wooden ceiling or a material based on wood, the maximum lamp rating is a 35-Watts.
-  50W- Do not use 50 Watt lamps in this luminaire if it is to be mounted on normally flammable surfaces.

### IMPORTANT USER INFORMATION

- Always switch off mains supply before servicing, fitting or changing the lamp.
- Replace failed lamps immediately. Allow the lamp and fitting to cool before replacing lamp.
- Check that the correct lamp type and wattage is fitted. (MR16 Max. 35-Watts on flammable surfaces, 50-Watts recommended on non-flammable surfaces).
- Fit self-shielding lamps only.

### INSTALLATION INSTRUCTIONS

FIXED, ADJUSTABLE AND IP65

1. Select the required position for the luminaire ensuring the clearances shown in Fig.1 are observed. Beware of joists, water pipes and electric cables. Use the cut-out template on the inside lid of the box to cut a hole in the ceiling for the type of

