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PREMIUM ALUMINIUM DOWNLIGHT MR16 LOW VOLTAGE DOWNLIGHTS





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

FEATURES

- 3 Year Guarantee
- Recommended for use with fire-hoods
- Suitable for areas with low-level ventilation: (Typically Fire Hood Installations)
- High temperature rating for continuous usage
- No discolouring, warping or distortion

IMPORTANT INSTALLATION INFORMATION

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring Regulations (BS7671). If in doubt, consult a qualified electrician.
- Maximum Voltage – 12V AC.
- Use only with MR16, GU5.3 lamp cap, maximum 50W lamp.
- Ensure that ALL electrical connections are tight with no loose strands.
- These luminaires are for indoor use only.
- 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.
- Installations requiring Intumescent Fire Hoods – Please Note that if the recommended Aurora Intumescent Fire Hood AU-FH150 is not used with this luminaire, the guarantee is invalid.
- 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-Watt lamp.
- ~~~~ 50W Do not use 50 Watt lamps in this luminaire if it is to be mounted on normally flammable surfaces.

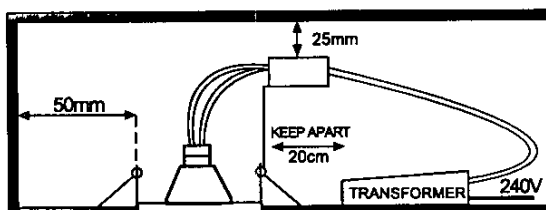
IMPORTANT USER INFORMATION

- 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 on non-flammable surfaces).
- Fit self-shielding lamps only.
- Recommended Intumescent Fire Hood: Aurora AU-FH150

INSTALLATION INSTRUCTIONS

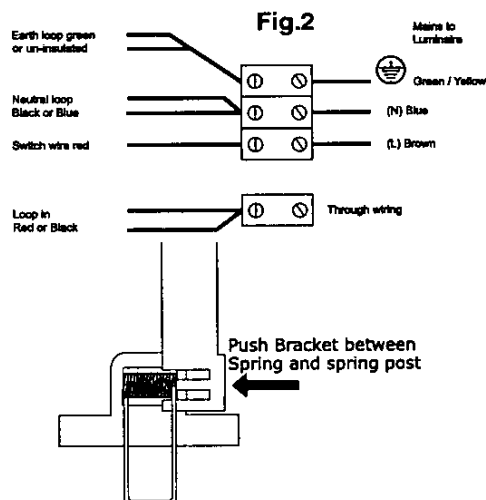
1. Select the required position for the luminaire ensuring the clearances shown in Fig.1 are observed. Beware of joists, water pipes and electric cables. For luminaire cut-out dimensions :
HA-DLL301 – 65mm HA-DLL302 – 75mm HA-DLL304 – 70mm
2. Connect the luminaire to the transformer using the terminal block supplied. No earth connection is required. Ensure that the fitting does not come into contact with any earthed metal. Mains connection to the transformer should be made using a suitable electrical junction box in compliance with the I.E.E. Wiring Regulations. The "looping-in" of the fixed wiring supply should be maintained. See Fig. 2.
3. 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.
4. Ensure that the lamp is correctly located in the lampholder. Switch on the power supply.

If your luminaire is not at the end of a wiring spur, then there will be an extra pair of wires together (looping-in wires) in the supply wiring which could be coloured black or red. These should be connected together using a fourth approved terminal block as shown. If in doubt consult a qualified electrician



GENERAL

Fig. 1



- Halolite low voltage luminaires (class III) should be used with a double insulated, safety extra low voltage (SELV) isolating transformer only.
- Class III luminaires **MUST NOT** be connected to a mains supply.
- The transformer should be located in a well-ventilated position, not closer than 20cm from the luminaire to avoid overheating.
- Connect the luminaire to the transformer using the terminal block and support bracket supplied.
- Dimming of 12V luminaires is possible. First check the compatibility between transformer and dimmer. Halolite electronic and toroidal transformers are dimmable. A slight increase in transformer noise may be evident when dimming.
- Ensure that the correct rating of transformer is used for the total lamp wattage. Electronic transformers require a minimum load to operate. E.g. a 20-60VA transformer requires a minimum load of 20W.

GUARANTEE

This product is guaranteed in the UK for a period of 3 years from the date of purchase. The guarantee is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). With installations requiring Intumescent Fire Hoods the guarantee is invalid if the recommended Aurora Intumescent Fire Hood is not used with this luminaire. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. Halolite does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Halolite reserve the right to alter specifications without prior notice.