



PRESSED DOWNLIGHT MR16 LOW VOLTAGE DOWNLIGHTS

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

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 from an SELV source.
- Use only with MR16, GU5.3 lamp cap.
- Ensure that ALL electrical connections are tight with no loose strands, including factory made connections.
- 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 Fire Hoods – Please Note that if the recommended Aurora Fire Hood AU-FH150/C 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.



Luminaires not suitable for mounting on normally flammable surfaces when used with a 50W lamp
Can be mounted on a normally flammable surface when used with a lamp that is 35W or lower



This luminaire is not suitable for covering with insulation material.

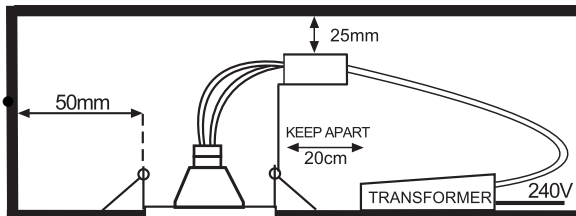
IMPORTANT USER INFORMATION

- 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.

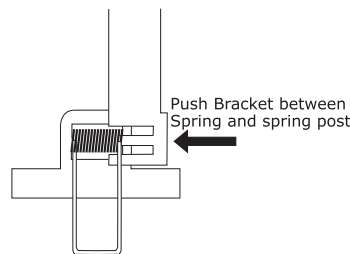
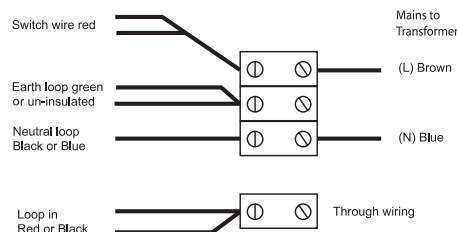
INSTALLATION INSTRUCTIONS

Before commencing installation or maintenance, ensure electricity is switched off at the mains.

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.
2. Luminaire Cut Out Dimensions:
A2-DLL111 – 65mm A2-DLL112 – 65mm
3. 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.
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 that the lamp is correctly located in the lampholder. Switch on the power supply

Fig. 1

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

**Fig.2**

GENERAL

- Aurora 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. Aurora 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.

Environmental Protection (W.E.E.E.) – Aurora’s WEEE Reg.No. WEE/BG0130YX(UK Only)



Waste Electrical & Electronic Equipment Regulations (WEEE) requires that any of our products showing this marking (left) must not be disposed of with other household or commercial waste. Aurora does not levy any WEEE disposal charges to its customers for affected WEEE related products. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate any such product from other waste types and recycle it responsibly at your local facilities. Check with your Local Authority, Recycling Centre or retailer for recycling advice. If, when you purchased any Aurora product, your supplier included a WEEE disposal fee, you should then contact your supplier for advice on his takeback of the product for the correct disposal.

WARRANTY

See www.auroralighting.com for full details of guarantees and Extended Warranty Terms and Conditions. The warranty is invalid in the case of improper use, tampering, and removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the National Wiring Regulations. Should this product fail during the warranty period it will be replaced free of charge, this is subject to correct installation and return of the faulty product. Aurora does not accept responsibility for any installation costs associated with the replacement of this product. This warranty is in addition to the statutory rights in your country of purchase. Aurora reserves the right to alter specifications without prior notice.