



Low Voltage Mirror Lights



INSTALLATION INSTRUCTIONS

READ THESE INSTRUCTIONS BEFORE INSTALLATION

PLEASE LEAVE A COPY WITH THE USER/MAINTENANCE ENGINEER FOR FUTURE REFERENCE

GENERAL

- Aurora low voltage mirror lights (Class III) should be used with a double insulated, safety extra low voltage (SELV - 12V) isolating transformer. They **MUST NOT** be connected to a mains supply. Maximum Voltage - 12V AC (from an SELV source).
- The transformer should be located in a well-ventilated position, not closer than 20cm from the luminaire to avoid overheating. The transformer must be located outside Zones 0, 1 & 2 of a room containing a bath or shower.
- Ensure that ALL electrical connections are tight with no loose strands.
- Dimming of 12V luminaires is possible. First check the compatibility between transformer and dimmer. Aurora electronic transformers are dimmable. A slight increase in transformer noise may be evident when dimming. Always refer to the dimmer switch instructions.
- Ensure that the correct rating of transformer is used for the total lamp wattage. Electronic transformers require a minimum load to operate - eg. a 20-60VA transformer requires a minimum load of 20W. Always refer to the transformer instructions.

IMPORTANT

- Installation should be carried out in accordance with the latest edition of the I.E.E. Wiring Regulations (BS7671) and taking into consideration Part P of the building Regulations. If in doubt consult a qualified electrician.
- Maximum Voltage – 12V AC.
- For lamp type and wattage, refer to the rating label on the luminaire.
- These luminaires are for indoor use only.
- Before commencing installation, ensure electricity supply is switched off at the mains.
- Ensure there is adequate free air circulation of at least 50mm around the luminaire. All luminaires run hot. It is the installers responsibility to consider fire risk and take appropriate precautions. The luminaire must not be installed close to flammable materials.
- The nearest illuminated surface must be at least 0.3m from the front of the fitting.
- This fitting is IP20 rated. It is suitable for installation in locations containing a bath or shower, as defined by the I.E.E Wiring Regulations, Zone 3 EXCEPT where water jets are likely.

IMPORTANT USER INFORMATION

- Always switch off the mains supply before servicing, fitting or changing the lamp.
- Replace failed lamps immediately. Allow the lamp and fitting to cool before replacing the lamp.
- Check that the correct lamp type and wattage is fitted. Refer to the rating label on the luminaire.

INSTALLATION

1. Fit the luminaire to the mirror by backing off the fixing screw on the base, fitting the base over the top edge of the mirror and tightening the screw. Do not overtighten. See figure 1.
2. Connect the luminaire to the transformer. 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 Regs. The "looping-in" of the fixed wiring supply should be maintained. "Looping-in" can usually be identified within an existing ceiling rose for example, by a termination of red (supply) wires within a terminal block or within a junction box. Connections should be tight with no loose strands.
3. Ensure that the lamp is correctly located in the lampholder. Switch on the power supply.

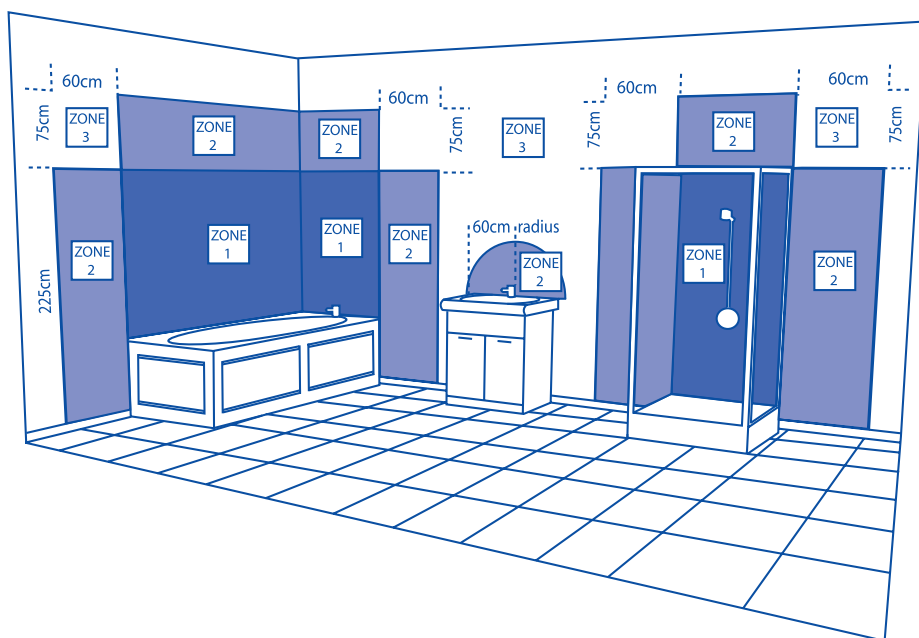
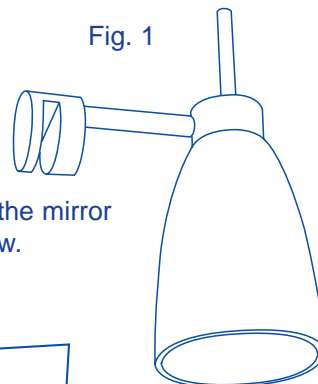
GUARANTEE

This product is guaranteed in the UK for a period of 1 year from the date of purchase. The guarantee is invalid in the case of improper use, installation or tampering. 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. Aurora does not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. Aurora reserve the right to alter specifications without prior notice.

This fitting is IP20 rated. It is suitable for installation in locations containing a bath or shower, as defined by the I.E.E Wiring Regulations, Zone 3 EXCEPT where water jets are likely.

Fit base over the edge of the mirror and tighten the fixing screw.

Fig. 1



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