



## 1WATT HIGH POWER LED MARKER LIGHTS




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

### FEATURES

- IP68 rated low voltage LED marker lights. Submersible to a depth of 2m
- LED life of up to **30,000** hours.
- Fitted with 1m of cable for connection to a 1-9W 350mA Constant Current LED Controller (Not included).
- Cool operating temperature.

### 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 Part P of the Building Regulations. If in doubt, consult a qualified electrician.
- Maximum Voltage – 36V DC Constant Current 350mA.
- **PLEASE NOTE: DC Output – correct polarity must be observed when connecting to LED Controller.**
- Ensure that ALL electrical connections are tight with no loose strands.
- 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.
-  Suitable for mounting on normally flammable surfaces.
- This luminaire is IP68 rated and is therefore protected against the following :
  - **First Numeral: Complete protection against contact/ DUST TIGHT – Protection against ingress of dust.**
  - **Second Numeral: Protection Against indefinite Immersion in water under specified pressure – 2m maximum depth**

### IMPORTANT USER INFORMATION

- There are no serviceable parts in this luminaire.
- This luminaire is not dimmable.

### INSTALLATION INSTRUCTIONS

1. Select the required position for the luminaire. 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 luminaire to be fitted.
  - AU-WU693/1R – SQ - HX and AU-WU682/1R – SQ - HX versions
    - Cut-out – 26mmØ
2. Push the luminaire into the cutout aperture. If required silicon sealant may be used to seal the product in the aperture.
3. **AU-WU693 versions** – Ensure a seal is placed either side of the mounting surface, extra silicon sealant can be used to assist in sealing the product into the mounting surface.

4. Tighten up hexagonal lock nut to sufficient compression to ensure a good seal.
5. **IMPORTANT.** Ensure connection of the LED Marker lights to the 1W Constant Current LED controller is correct. Polarity is indicated on the LED controller and Marker LED Marker lights by means of colour coding the cables.
  - Brown Cable – Positive connection – +
  - Blue Cable – Negative connection – -

## GENERAL

- Class III luminaires **MUST NOT** be connected to a mains supply.
- The LED Controller should be located in a well-ventilated position.
- The AU-LED/WU6821R – SQ – HX contains 1 high power LED, 1 Watts per unit.
- The AU-LED/WU6931R – SQ – HX contains 1 high power LED, 1Watts per unit
- Ensure not to overload the LED Controller. A maximum of 9 luminaires may be connected to a 1-9W 350mA Constant Current LED controller.

## 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 reserves the right to alter specifications without prior notice.

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