

## **BRONX POLYCARBONATE WALLPACK INSTRUCTIONS** **Issue 02 on 19<sup>th</sup> November 2009**

**THANK YOU** for buying this product. To help ensure it gives complete satisfaction please install it according to these instructions and then pass the instructions to the appropriate person for retention and future reference.

**SAFETY** This is a mains powered product. It is designed to be installed by suitably qualified personnel only and in accordance with the applicable building and electrical regulations. Before installation or maintenance the electrical supply to the product must be isolated.

**WARRANTY** This product is warranted to be free of defects in materials, design and workmanship for 12 months from the date of purchase. If a suspected fault should develop in this time please contact us at the address above.

This warranty does not extend to consumable items such as lamps.

**INSTALLATION SUPPORT** If installation advice or accessories are required please also contact us at the above address. We will do our best to help.

When reporting a suspected fault or seeking installation support the problem is likely to be resolved most quickly if you have full product details to-hand, as well as details of when and where it was purchased.

### **INSTALLATION**

1. Remove the polycarbonate controller from the base by releasing the captive screws around the edge of the luminaire.
2. Fix the luminaire to a suitable surface using either of the following 2 fixing methods:
  - a. Via the conduit BESA box semi-holes located in the centre of the base. (If this method is chosen then the aluminium reflector will need to be removed by removing the fixing screws around its edge) or
  - b. Using the 4 wall fixing semi holes provided.
3. Sealant should be applied around the fixing screw heads to reduce water ingress if the luminaire is to be mounted outdoors.
4. Secure the supply cable into the luminaire through the hole(s) provided ensuring that a cable gland, grommet or sealing compound is used to maintain the IP rating of the luminaire.
5. Terminate the cable into the terminal block mounted on the gear tray ensuring correct polarity is observed and that the luminaire is earthed. Green & yellow sleeving should be used on all bare earth conductors. Heat resistant cable or sleeving is recommended if the cable runs passed the ballast.
6. Remove the protective film from the reflector.
7. Insert the lamp into the lamp holder, either 70W SON with internal igniter, 70W Metal Halide or 4-pin PL (compact fluorescent, 2x26W or 1x42W as appropriate).
8. Re-fit the controller, taking care not to over tighten the screws.
9. Check for correct operation

### **PHOTO-CELL VARIANT**

Should the unit be factory fitted with an integral photocell please follow the above installation instructions. In addition, please note the following:

1. Extra care should be taken in positioning the Bronx fitting so that the photocell is not obscured from natural daylight and that any adjacent lighting will not cause the photocell to malfunction.
2. When first switching on the Bronx fitting the lamp will illuminate irrespective of the time of day or light level. After approximately 10 minutes, if the light level is sufficient the lamp will switch off.
3. To test for correct operation:
  - a. Apply power to the fitting and wait for the lamp to turn off.
  - b. Cover the photocell, after approximately 2 minutes the lamp should switch on.

- c. Uncover the photocell and if in low light shine a torch at the photocell. The lamp will switch off after approximately 2 minutes.

#### **RATINGS**

1. This luminaire is of class I construction and must be earthed.
2. IP65 rated. Suitable for external applications.
3. F marked, suitable for installation on normally flammable surfaces.
4. SON & metal halide versions 230V 50Hz rated. Fluorescent versions 220-240V 50Hz rated.

**WARNING: Ensure luminaire is isolated from the mains supply & suitably cooled down before carrying out any maintenance work**

