

## BALTIMORE INSTRUCTIONS

Issue 01 17<sup>th</sup> October 2024

**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.



**INSTALLATION SUPPORT** If installation advice or accessories are required please 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. Find a suitable fixing surface and follow the below steps...

1. Turn off the Supply
2. Unscrew the lid and Hinge open
3. Use the lid to mark up mounting holes and make ready
4. Drill out the cable entry point
5. Route supply cable
6. Fix the base to the mounting surface
7. Terminate the supply cable observe correct polarity
8. Secure the lid onto the base making sure the IP65 rating is maintained

2. This fitting comes with Multi CCT & Power selectable slider & DIP switches,
  - a. **Default settings are CCT=4000K & Power=24W**
  - b. **These settings can be changed as below:**
    - i. **CCT Selectable=3000K or 6000K**
    - ii. **Power =16W if required.**
3. Check for correct operation

**Note! It is the installer's responsibility to ensure the IP65 rating is maintained.**

**Note! Luminaires fitted with electronic drivers are exempt from insulation testing as this may cause irreparable damage to the LED driver**

#### **PHOTO-CELL VARIANT (.../PEC)**

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 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 Brooklyn fitting it 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 fitting to turn off.
  - b. Cover the photocell, after approximately 2 minutes the fitting should switch on.
  - c. Uncover the photocell and if in low light shine a torch at the photocell. The fitting will switch off after approximately 2 minutes.

#### **GENERAL MAINTAINED EMERGENCY LUMINAIRE INSTRUCTIONS**

**These instructions should be followed in conjunction with the standard luminaire instructions. Please read carefully and pass to the end user/responsible person for retention and future reference.**

#### **INSTALLATION**

1. Following the installation of the luminaire in accordance with the standard luminaire installation instructions, a separate permanent live supply should be terminated in the incoming supply terminal block in the luminaire, in the connection marked 'L PERM'. The permanent supply **MUST** be taken from the same phase as the corresponding switched supply and **MUST** be wired at the switchboard so that upon instances of tests, it is isolated at the same time as the switched supply.
2. Once the permanent live supply is connected, connect the battery to the module via the 'plug and mate' connector, ensuring correct polarity is observed. Failure to observe correct battery polarity will result in permanent damage to the emergency module/driver.
3. N.B. to avoid potential damage to the battery please ensure the permanent live is energized as soon as possible following connection of the battery to the module.
4. Upon restoration of the power supply to the luminaire, check that the indicator LED fitted within the luminaire illuminates green. This indicates that the batteries are charging and that the charging circuit is healthy.
5. Allow the battery to charge for an uninterrupted period of not less than 24 hours prior to carrying out a full discharge test.

#### **MAINTENANCE**

6. The battery pack in this luminaire must be replaced when it is no longer able to satisfy its full rated duration.
7. In emergency mode the light level of the luminaire will be at a reduced output. Regular maintenance and gentle cleaning are recommended so as to ensure that the Emergency Output Factor (E.O.F) remains at specified levels.
8. Isolate the supply before servicing.
9. Please ensure that the emergency flux is not compromised at any time throughout the design life of the luminaire.
10. **DO NOT INSULATION TEST**

#### **Caution:**

**The battery pack in this luminaire is a Lithium Iron Phosphate (LiFePO4) type which includes a dedicated protection circuit. If replacing the battery pack, the specification and chemistry must be identical to that detailed on the battery label.**

#### **TESTING OF EMERGENCY LUMINAIRES:**

Recommended routine test procedures in line with BS 5266-1:2016 & BS EN 50172:2004.