

Grove Ultra -Maintained 3 Hour Twinflood

This equipment should be installed by a competent electrician

Installation Instructions

1. Lay fitting on its back and remove lid.
2. Remove and discard packing pieces.
3. Fit unit securely to wall, unit may be mounted in any orientation.
4. Connect a permanent 230V AC supply from the local lighting circuit to the 'Ls (Switched Live) L (Permanent Live) & N (Neutral) terminal block on the circuit board.
5. Connect the battery to the PCB using the keyed plug.
6. Position the lamps to the required position and use the locking bolts to secure the lamps in the chosen position.
7. Note if the unit is fitted directly to a wall and downward light is required, the unit must be mounted with the lamps at the top.
8. The unit will not illuminate in emergency mode until the mains has been switched on and subsequently failed.
9. Operational check- Apply AC supply for 30 minutes(minimum)
 - Switch on Ls supply, lamps will illuminate.
 - Switch off LS, lamps extinguish,
 - Switch off L (permanent Live)

The lamps should illuminate for at least 30 seconds.

10. Switch on the permanent mains supply and note that the indicator LED's have illuminated, proving that the unit is operational, the lamp continuity is OK and that the battery is being charged. There are two LED indicators.
 - 1 Unit charging
 - 2 Lamps Healthy
11. The unit has deep discharge protection and this should operate when the battery voltage falls to approx. 8V DC, whilst in the Emergency Mode.

Fault finding and regular testing

ONCE A DAY

Visual inspection of battery charge led.

ONCE A MONTH

Each unit should be energised from its battery for adequate time to ensure, by simulation of a failure of the normal lighting supply, the emergency mode is functioning correctly.

ONCE EACH YEAR

All units should be placed into emergency mode and checked that the duration provided by the battery meets the specified time period.

UNIT NOT MEETING REQUIRED EMERGENCY PERIOD

May need cycling. Discharge, then recharge for at least 24 hours. Re-test. Battery may need replacing if emergency duration still not met.

The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or similar qualified person

To be regularly tested in accordance with **BS5266-1:2016**

