



LED LITE™ User Instructions

3.5W Ultra Slim LED Emergency Bulkhead c/w Self-test Function



Please read these instructions and retain them for future reference.

Important information:

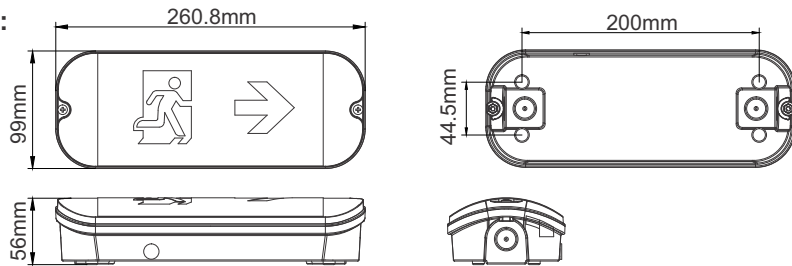
It is recommended that this fitting is installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control.

- This product is designed for connection to a 220-240V mains supply.
- Only mount on level and stable surfaces.
- We cannot accept responsibility for any claims arising from a poor installation.
- Always switch off mains supply before installation.
- The light fitting is Class II and does not require an earth connection.

Technical Specifications:

- Input Voltage: 220-240V/AC
- Power: 3.5W
- Light Output: 170Lm (charging)
130Lm (discharging)
- Maintained & Non-Maintained
- Test method: Self-test
- CCT: 6500K
- IP Rating: IP65
- Protection Class: Class II
- Housing: PC Body & Cover
- Beam Angle: 120°
- Battery: LiFePO4 3.2V 1500mAh
- Adhesive Legends Included
- Warranty: 3 years (excluding battery)

Dimensions:

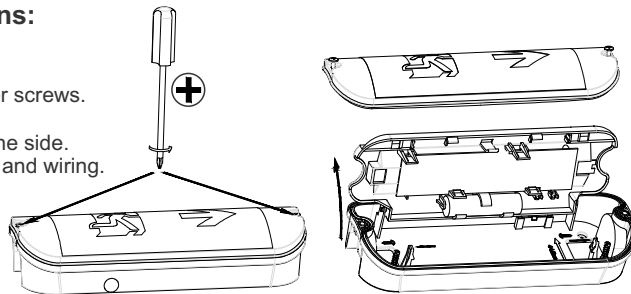


Installation and Wiring Instructions:

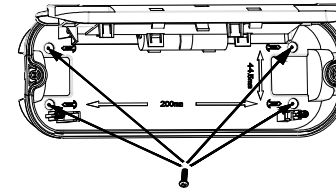
1. Switch off the mains supply.
2. Open the exit box by unscrewing the cover screws.

To release the gear tray, unclip the tabs on the side. The gear tray is hinged for convenient fitting and wiring.

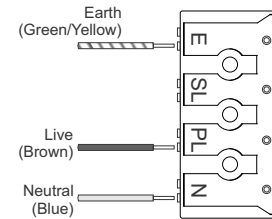
3. Choose a suitable cable entry point on the sides of fitting and drill out the required knockout.



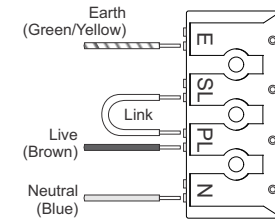
4. The EMSB3ST bulkhead can be mounted on surfaces using the installation holes. First mark the hole positions using the fitting as a template. Use the screws provided to mount the back plate on the surface.



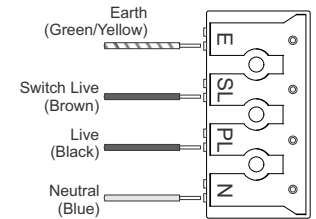
5. Connect the battery to the PCB and write the installation date on the battery.
6. Feed the cable into the fitting and connect the mains supply to the connection block as per the wiring diagrams below observing the correct polarity:



**NON-MAINTAINED
OPERATION**

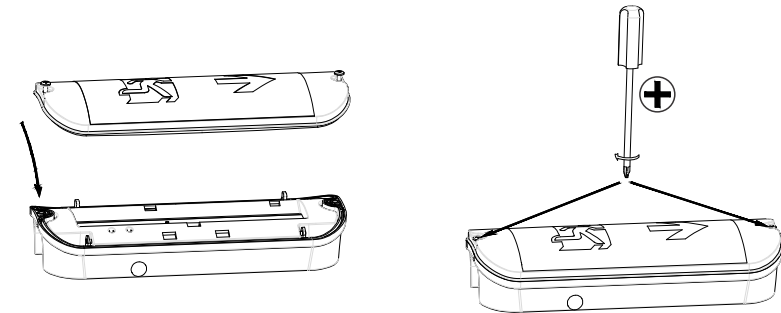


**MAINTAINED OPERATION
UNSWITCHED**
Link Wire PL to SL



**MAINTAINED OPERATION
SWITCHED**

7. Fix the geartray back into place and secure the front cover using the 2 cover screws.



WARNING:

This fitting **MUST** be disconnected before installation and when carrying out insulation resistance testing at voltages above 250V. Otherwise irreparable damage may occur to internal components.

Emergency Testing and Battery Maintenance:

- Initial battery charge must be for a minimum of 24 hours before testing.
- To achieve best performance the EMSB3ST should be tested fully by switching into emergency mode regularly in accordance with local testing regulations. Any warranty claim must be accompanied by documentation which records the dates of this maintenance procedure and signed by maintenance personnel.
- When first connecting to AC power check if the Green LED light is lit confirming that the battery is charging.
- Turn the power off to simulate mains supply failure. The Green LED should go off & the bulkhead will be in emergency mode.
- The battery must be replaced when the unit no longer meets the rated emergency duration or if there is a battery fault.

