

**Installation & Maintenance instructions for EM-LED-BH1DP.**

**Safety Information**

Please read these instructions carefully before installing this product and store in a safe place in case of future reference. It is recommended that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 220-240V mains supply. Any broken or damaged parts should be replaced as soon as possible. We will not accept responsibility for any claims arising from poor installation.

**Important User Advice**

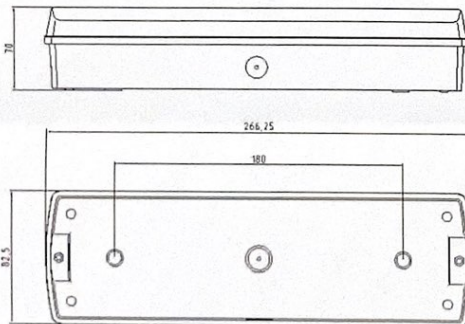
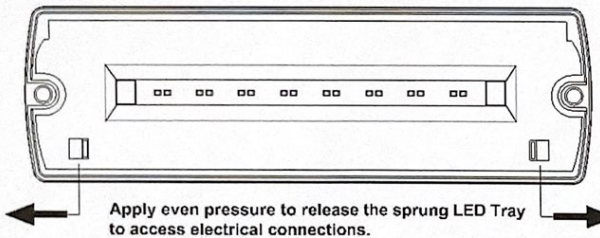
Always switch off mains supply and disconnect the battery before servicing. This luminaire is suitable for indoor and outdoor use and only requires Class II wiring. An earth provision is supplied.

**Lamp Specification**

Wattage	3.5W
Lamp Cap	LED
Lamp Colour	4000K
Lumen Output	220 lumens
Ambient Temperature	-20~+40°C

**Installation Procedure**

Locate the areas suitable to install the luminaire, ensuring it meets the requirements of BSEN5266-1:2011. Remove the front cover and push the two tabs located on the lower corners outwards to access the electrical connections and the base. Secure the base to a suitable surface, if using a surface conduit drill out the entry points using a 20mm cutter or flat bit. Make sure that the power is switched off before wiring into the terminal block. Wire in your power supply into the terminal block. Connect the Permanent Live only for a non-maintained emergency fitting. Also connect the Switch Live to use as a maintained emergency fitting. Connect the LiFePO4 battery to the PCB using the plug and play connector. Close the gear tray up ensuring no wires are trapped or snagged. Replace the diffuser, do not overtighten the screws. Select the correct legend and apply to the diffuser. Turn on the mains supply to test the luminaire. The luminaire will require a minimum of 48 hours of charge before the batteries are up to full capacity. After the initial charge a 3 hour duration test should be carried out and the results recorded and left with the user. The luminaire would then need 24 hours to fully charge. Max viewing distance for this luminaire is 9 metres when internally mounted.



NEUTRAL - (Black or Blue) to Terminal marked N (open port)  
LIVE - (Red or Brown) to Terminal Marked L (Switch Live) - dual tech use ONLY  
LIVE - (Red or Brown) to Terminal Marked L (Permanent Live)

**NOTE**  
Please ensure the batteries are connected to the PCB prior to closing up the luminaire.



Not for general waste. Please contact your local authority on how to dispose correctly.