

Month	Test	1st year		2nd Year		3rd Year		4th Year		5th year	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
1	Functional										
2	Functional										
3	Functional										
4	Functional										
5	Functional										
6	Functional										
7	Functional										
8	Functional										
9	Functional										
10	Functional										
11	Functional										
12	3 Hour										

EMLED3W NM&M EXIT BOX

SELF - CONTAINED
EMERGENCY LIGHTING INSTRUCTIONS



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GENERAL INFORMATION

These instructions contain important information regarding safety. They should be read carefully and should be retained for future reference. The company will not accept any responsibility for any injury, damage or loss which may arise due to incorrect installation, operation or maintenance due to nonadherence to these instructions.

Our products are designed to comply with the recommendations of **BS EN 60598-1:2008** code of practice for emergency lighting of premises and be installed by competent person in accordance with the relevant wiring regulations.

Before installation of any type of emergency lighting always seek the advice of the local fire prevention officer (or equivalent authority).

LUMINAIRE INFORMATION

Rated voltage 230/240V AC 50/60Hz

Lamp Type - 12 x 0.15watt White LED Strip
IP20

Product Size (LxWxH) 390 x 60 x 190mm

Battery Type: Ni-Cd 3.6V 1800mAh

Recharge Time: 24 Hours: Initial Charge: 36 Hours

Emergency Operation Time: 3 Hours

FOR MAINTAINED OPERATION

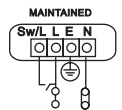
For lamp always on, link Ls (Switched Live) to terminal L (Permanent Live). If 'Ls' not connected, fitting works as non maintained.

All self - contained emergency lighting luminaires require a continuous (un-switched) 220V - 240V single phase 50Hz supply to keep the inbuilt batteries charged.

Please note:- **The LED's contained in this fitting are not designed to be replaced.**

This luminaire is suitable only for indoor use in dry locations. If operation is required in damp, dusty or corrosive locations care must be taken to select a suitable fitting for the location.

Photometric Data - The full photometric data for individual fittings should be used to determine correct lighting levels of escape routes.



INSTALLATION OF THE FITTING

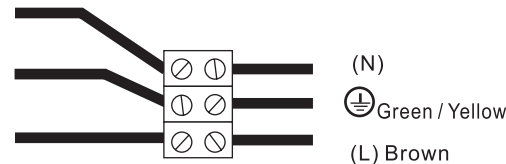
Installation should only be carried out in accordance with the current edition of the “Regulations for Electrical Installations” EN61547 and with the requirements of BS **EN 60598-1**.

Do not high voltage insulation test the luminaire as this may damage the control gear.

Before starting the installation ensure that the electricity supply is isolated and that it can not be re energised accidentally.

- 1) Remove the front diffuser and side panel of the luminaire body by removing the 2 fixing screws located on the side of the fitting.
- 2) Remove the gear tray by lessening the 2 fixing screws lifting the gear tray and slide to the left.
- 3) There are two cable entry holes on this fitting, one on the top and one on the back of the body. Knock out the intended cable entry hole suitable for your installation.
- 4) Hold the luminaire in the required location and use fixing holes as a template. Mark the fixing holes on the wall (please note when drilling fixing holes, be careful not to damage concealed wires or pipes).
- 5) Fix luminaire to the wall using suitable screws and fixings (not supplied).
- 6) Connect the mains supply wiring as follows:

Ensure that all connections are firmly secured and there are no loose strands omitted.



- 7) For component protection in transit and user safety the luminaire battery fuse is supplied separately in the fitting. Once the fitting is installed and wired correctly the battery fuse must be installed in the fuse holder on the PCB.
- 8) When all connections have been made reposition the gear tray and fix in place by tightening the fixing screw.
- 9) Slide the front cover back in position and secure the side panel in place.
- 10) Restore the supply and check that the green LED indicator illuminates to confirm the batteries are charging.
- 11) Allow a short period for part charging of the batteries and then isolate the mains supply to the fitting in order to check the correct operation of the fitting in emergency mode. After 36 hours on continuous charge (and only at a safe time) a mains failure should be simulated to ensure that the fitting illuminates for its rated emergency duration.

The luminaire will have 1 hour backup after 14 hours charge and will be full charged after 24 hours.

Once the luminaire no longer meets its rated emergency operation the batteries must be replaced. All batteries must be replaced after a maximum of 4 years in service.

MAINTENANCE

Repairs should only be carried out by suitably qualified person. Only replacement components authorised by the company should be used. Disposal of replaced components should be in accordance with component manufacturers instructions.

Special care should be taken, that which is necessary for lamping, if it's required to open the fitting as the fitting may still be “live” even though the mains supply has been isolated. In these circumstances immediately disconnect the battery supply.

Servicing, cleaning, lamp replacement etc should only be carried out after the fitting has been made electrically safe.

Cleaning of luminaires should be carried out at regular intervals not only to ensure good optical performance but also ensure that dirt does not accumulate to such an extent as to impair the electrical or thermal safety of the fitting.

WARRANTY

In place of any other conditions or warranties, whether imposed by statute or implied by common law we undertake as follows:

- 1) We will repair or if necessary replace free of charge any emergency luminaires manufactured by us that are found by us to be defective and brought to our attention within 12 months of supply.

This warranty is only valid if the luminaire has remained unmodified and installed and used as per this instruction leaflet and is returned to us, complete with test record, carriage paid and packaged appropriately.

- 2) We shall not be liable for any consequential loss or damage caused directly or indirectly by any defect or otherwise.

All details in this leaflet are given for guidance only and do not constitute a contract. We reserve the right to alter the specifications of products without notice.