

LAMP REPLACEMENT:

LED non replaceable.

REPLACEMENT BATTERY TYPE:

Type - Ni cad 3.6V 3 cell 1500Ah complete with LED strip.

BATTERY REPLACEMENT:

If after routine operation checks, the LEDs do not remain lit for the three hour period, a new battery pack may be required.

Switch off the electricity at the mains.

Allow batteries to fully discharge then reconnect to supply and allow charging for 24 hours.

Test again for 3 hours, if light does not remain lit change the battery pack as follows:

- 01) Isolate the mains supply to the unit.
- 02) Remove the front cover disconnect fitting and remove.
- 03) Unplug the battery leads from LED strip.
- 04) Remove the two screws in the back of the exit box case that retain the battery pack.
- 05) Write current date on the new battery pack.
- 06) Fit new battery pack securing in place using the screws removed from the old pack.
- 07) Reconnect battery plug.
- 08) Replace cover.
- 09) Restore power and allow charging for 24 hours.
- 10) Perform full operation check and update test record.

EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005—UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/GA0248QZ.

WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

IF YOU EXPERIENCE PROBLEMS:

If you believe your product is defective, please return it to the place where you bought it. Our Technical Team will gladly advise on any Eterna Lighting product, but may not be able to give specific instructions regarding individual installations.

For breakage information visit: www.eterna-lighting.co.uk



Issue 2013



FOR PRODUCT ADVICE:

- T: 01933 673 144
- F: 01933 678 083
- E: sales@eterna-lighting.co.uk

Visit our website:

www.eterna-lighting.co.uk



INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:

- 1 x LED Exit box
- 1 x Instruction leaflet
- 1 x Maintenance check record

Model:
EXIT3MLED

Maintained LED Exit Box
Duration: 3 hours duration in emergency mode

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION
AND RETAIN FOR FUTURE REFERENCE**

READ THIS FIRST:

Check the pack and make sure you have all of the parts listed on the front of this booklet. If not, contact the outlet where you bought this product.

This light fitting must be installed by a competent person in accordance with the current building and IEE wiring regulations.

As the buyer, installer and/or user of this product it is your own responsibility to ensure that this fitting is fit for the purpose for which you have intended it. Eterna Lighting cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.

Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.

Disconnect from the electrical supply before flash or high voltage testing.

This unit is suitable for indoor use only.

This product is suitable for installation in surfaces with normal flammability e.g. wood, plasterboard, and masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

Before making fixing holes, check that there are no obstructions hidden beneath the mounting surface such as pipes or cables

Do not install into surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

This product is designed for permanent connection to fixed wiring: this should be a suitable circuit (protected with the appropriate MCB or fuse).

When making connections, ensure that the terminals are tightened securely and that no strands of wire protrude. Check that the terminals are tightened onto the bared conductors and not onto any insulation.

This product must be connected to earth termination.

IMPORTANT - Always switch off mains power before opening fitting.

You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out: these tests are specified in the Wiring Regulations (BS7671) referred to in the Building Regulations.

CLEANING:

Clean this emergency exit sign fitting only with a soft dry cloth.

The PC legend may be removed and washed in a mild detergent solution make sure it is completely dry before putting it back on your light fitting.

Do not use any chemical or abrasive cleaners.

OPERATION CHECKS:

Periodic testing should be carried out monthly by simulating a failure of supply, causing the fitting to be energised from its battery. Interruption of the supply should be carried out by the operation of a local key switch or other isolation device. During this period all fittings should be examined visually to ensure that they are functioning correctly. At the end of the test period the supply shall be restored and all indicator lamps or devices checked to ensure that the normal supply has been restored.

The duration of the simulated failure shall be:-

Each month:

Isolate the power supply and check the light is illuminated.

This test should last for no more than 45 minutes. Endorse the test record form supplied.

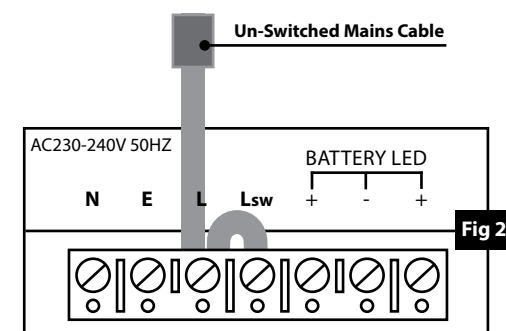
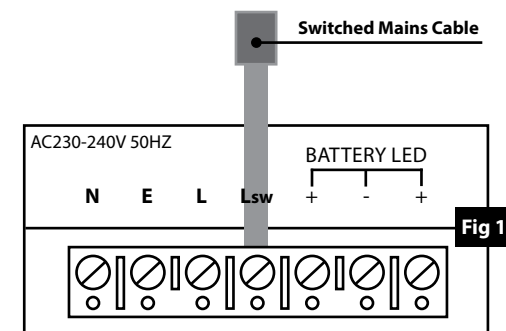
Once each year:

Isolate the power supply and check that the light is still illuminated after 3 hours. Endorse the test record form.

Installation, maintenance and operation check record SHEET INCLUDED

INSTALLATION:

- 01) Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.
- 02) Choose the location for your emergency fitting giving consideration to all of the points above.
- 03) Undo the 2 screws on the bottom of front cover and lift off and remove legend.
- 04) Using the fitting as a template mark the fixing points on the mounting surface.
- 05) Drill and plug holes as appropriate.
- 06) Thread cable through entry point and into fitting.
- 07) Secure and fix to mounting surface.
- 08) Make connection to the mains supply according to the terminal markings. An un-switched 230v A.C. supply must be connected to the live (L), Earth (E) and Neutral (N) terminals on the PCB board. See Fig. 1 opposite.
- 09) For maintained operation, connect an additional switched mains supply to the L-sw terminal (See Fig. 1) or alternatively link across L & L-sw unswitched mains terminals to operate as a maintained unit. See Fig. 2 opposite.
- 10) Plug the battery / LED lead into connector mounted on LED strip.
- 11) Refit legend and secure front frame with the 2 screws.
- 12) Restore AC supply and check operation ensuring the Green charging light is on.
- 13) There is a test switch that can be pressed to ensure battery and LED are working.



INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Location:

Installation Date:

Installation Test Duration:

Installed By:

Month	Test	Year:		Year:		Year:		Year:	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date
1	Short								
2	Short								
3	Short								
4	Short								
5	Short								
6	Short								
7	Short								
8	Short								
9	Short								
10	Short								
11	Short								
12	3 hr endurance								