

DANGER! Please note that there are two live supplies, one switched and one permanent; please ensure you isolate both before you undertake any work on the emergency fitting.

BATTERY REPLACEMENT:

If after routine operation check, the lamp does not remain lit for the three hour period, a new battery pack may be required.

- 01) Switch off the electricity at the mains, both switched and permanent supply.
- 02) Allow batteries to fully discharge then reconnect to supply and allow to charge for 24 hours.
- 03) Test again for 3 hours, if light does not remain lit change the battery pack as follows:
- 04) Disconnect from the mains supply - both permanent and switched supply and then remove the diffuser.
- 05) Unplug the battery lead from the circuit board.
- 06) Remove the battery from the fitting.
- 07) Write current date on the new battery pack.
- 08) Fit new battery pack and secure in place.
- 09) Plug battery pack into circuit board.
- 10) Close and secure cover.
- 11) Restore power and allow to charge for 24 hours.
- 12) Perform full operation check and update test record.

REPLACEMENT BATTERY TYPE:

3.2V Ni-Cad 1500mAh

CLEANING:

Clean this light fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

INDUSTRIAL BATTERIES:

Within certain products Eterna Lighting Ltd places lead acid, lithium ion, nickel cadmium & nickel metal hydride batteries on the market. Industrial batteries are subject to waste regulation under the Waste Batteries and Accumulators Regulations 2009 and should be disposed of responsibly. Purchasers may be able to dispose of their waste industrial batteries locally via legitimate licensed trade waste contractors. Eterna is obliged to take back, free of charge and within a reasonable time, waste industrial batteries of the same chemistry supplied to a Purchaser, for treatment and recycling and is required to do this in any calendar year new industrial batteries are placed on the market. In certain circumstances, this may include batteries not originally supplied by Eterna. If any Purchaser requires Eterna to take back Industrial batteries, they should write to the Operations Director, Eterna Lighting Ltd, Huxley Close, NN8 6AB, who will then advise on the necessary arrangements for the receipt, proper treatment and recycling of, the waste industrial batteries.

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.



 **Eterna**
Everyday Lighting For Professionals

INSTALLATION INSTRUCTIONS

A guide for qualified electricians

3 HOURS DURATION IN EMERGENCY MODE



Pack contents:

- 1 x LED fitting
- 1 x Maintenance check record
- 1 x ISO 7010 up arrow legend

Model:

VECOEXIT3M

Compact Emergency LED Exit Box

These instructions are provided as a guideline to assist you.

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

Email: sales@eterna-lighting.co.uk / technical@eterna-lighting.co.uk

Visit our website: www.eterna-lighting.co.uk

Made in China

Issue 1018

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.

The batteries supplied with this fitting are a consumable part and therefore may be outside of any warranty offered.

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 to ensure emergency lighting is operating correctly. Interruption of the supply, causing the fitting to be energised from the battery, should be carried out by the operation of a local keyswitch 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.

DAILY:

Visual inspection of the battery charge LED.

EACH MONTH:

Isolate the power supply for a period sufficient to ensure that each lamp is illuminated. 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.

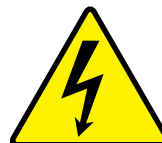
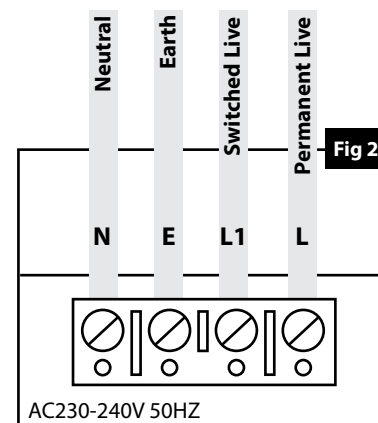
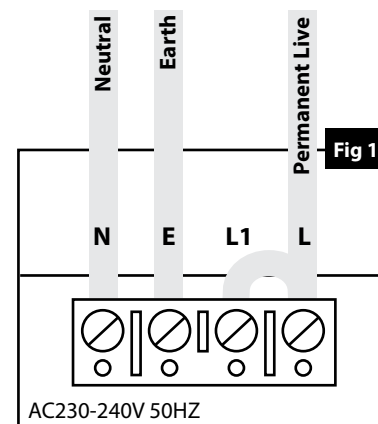
Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing of the emergency lighting system or during the subsequent recharge period, all full duration tests shall wherever possible be undertaken preceding time of low risk to allow for battery recharge.

NOTE: please keep this instruction booklet and the test record in a safe place. A fire officer or other authorised person may want to see your record of inspection and testing.

INSTALLATION:

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- 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, 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. A permanent (un-switched) 230V AC supply must be connected to the Live (L), Earth (E) and Neutral (N) terminals on the PCB. See Fig. 1 opposite. This will operate as a maintained fitting.
- 09) For non-maintained operation remove the link wire across L and L1; for switched operation remove the link wire across L and L1 and connect an additional switched mains supply to the L1 terminal – 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.



DANGER!

NOTE: this unit has a permanent live mains supply, please ensure you isolate before removing cover.

There may also be a separate switched supply that controls the emergency light fitting - this also needs to be isolated.

