

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.

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.

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.

LAMP REPLACEMENT:

The light source is designed to last the lifetime of the luminaire.

The light source contained in this luminaire shall only be replaced by the manufacturer, service agent or a similar qualified person.

CAUTION, RISK OF ELECTRIC SHOCK.



REPLACEMENT BATTERY TYPE:

Type - Ni cad 3.6V 3 cell 1500Ah.

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.

- 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.

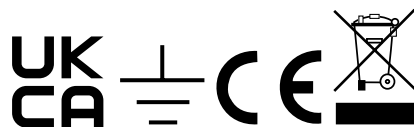
CLEANING:

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.

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.



 **Eterna**
Everyday Lighting For Professionals

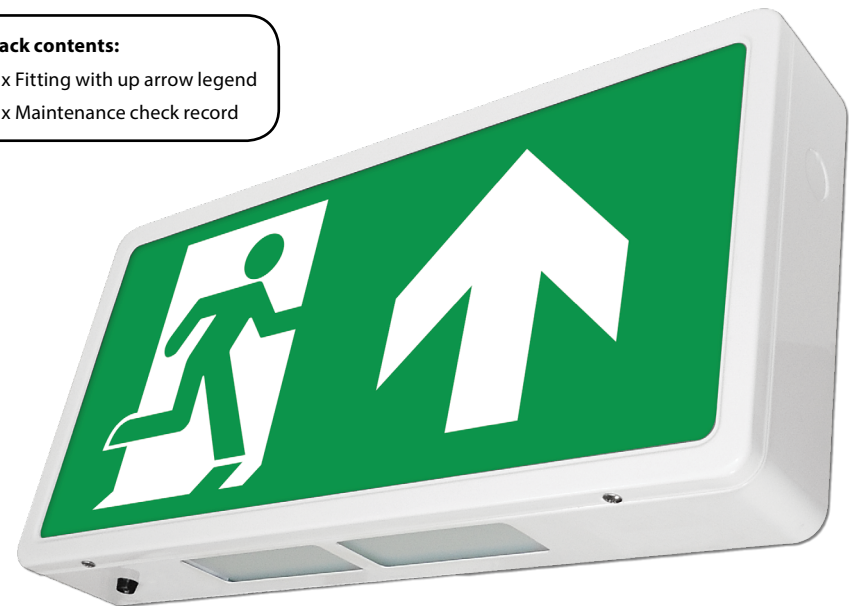
INSTALLATION INSTRUCTIONS

A guide for qualified electricians

3 HOURS DURATION IN EMERGENCY MODE

Pack contents:

- 1 x Fitting with up arrow legend
- 1 x Maintenance check record



Model:

SEEXIT3ML

Self Test Maintained LED Emergency 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

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.

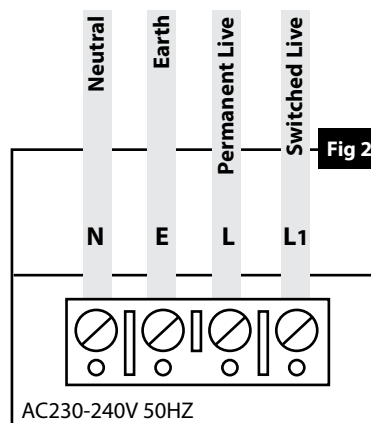
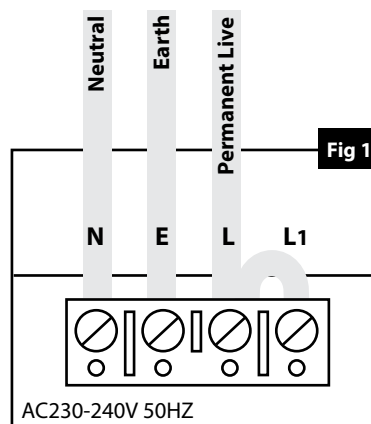
IMPORTANT - Always switch off mains power before opening fitting.

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.

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, 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 into connector mounted on the PCB.
- 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.



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.

OPERATION CHECKS:

This product is fitted with an automatic, self-test function that will commission and test itself in accordance with the requirements of the British Standards. Monthly and annual tests will be automatically completed as detailed below with tests including battery charge condition, functional test and duration test.

Monthly – ten minute functional test

Annually – full three-hour duration test

- On installation a date will be randomly assigned for the first monthly and first annual test.
- The initial monthly test will be between 16 and 30 days from installation.
- The initial full-duration test will be between 200 and 360 days from installation (annual tests will then be conducted every 360 days).
- The schedule of these tests will be remembered for a period of 7 days if no power is supplied to the luminaire.
- If there is a mains failure in 24 hours before a test is due to be conducted, the test will automatically be postponed until sufficient time is allowed to recharge the battery.
- If there is a mains failure during the self-test operation the unit will go into emergency mode.

TESTING

This product is designed to conduct self-testing in accordance with EN 62034, the results of monthly and annual tests should be endorsed on the test record form supplied.

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.

Daily:

Visual inspection of the battery charge LED.

Each Month:

The product will be energised from its battery for adequate time to ensure that emergency mode is functioning correctly.

Once Each Year:

The product will be placed into emergency mode and check that the duration provided meets the specified time period.

There is a control button within the fitting:

- Press for 1 second to reset the timer function, the monthly test will then be conducted after 30 days and the annual test after 360 days.
- Press for 3 seconds to initiate a 5 minute functional test.

NOTE: This can only be completed under mains conditions and accordingly must only be conducted by a qualified electrician.



—— SW1

PERFORMANCE AND FAULT INDICATORS:

Normal operation	constant green LED
Duration test underway	red indicator flashing rapidly
Battery circuit failure	red indicator flashing once every 3 seconds
Light source failure	red indicator flashing twice every 3 seconds
Failure of duration test	red indicator flashing three times every 3 seconds
Auto test function fails	red indicator flashing four times every 3 seconds
LED indicator off	in emergency mode (mains failure)



INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Installed
By:

[illegible]