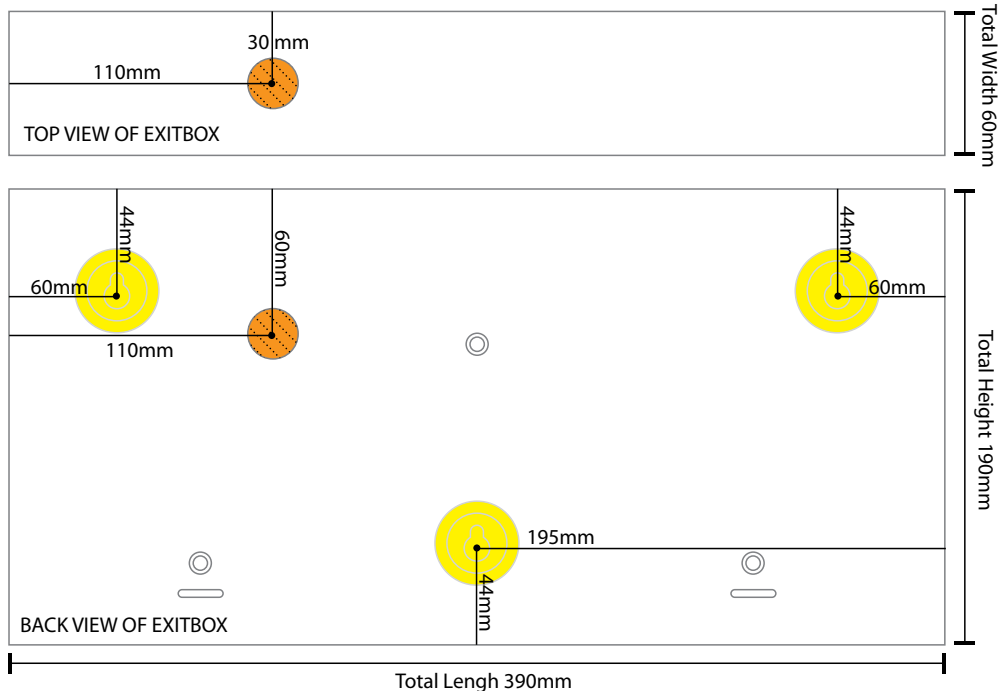


■ Mounting Hole Positions (hole size 5mm keyhole slots)

■ Cable Entry Positions (hole size 20mm diameter)

EXIT BOX MOUNTING DIMENSIONS



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.

CLEANING:

Clean this 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.



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

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

Made in China



INSTALLATION INSTRUCTIONS

A guide for qualified electricians

3 HOURS DURATION IN EMERGENCY MODE



FACILITY FOR
NON-MAINTAINED
MODE BY
REMOVING
LINK

Pack contents:

- 1 x Fitting
- 1 x Down arrow legend
- 1 x 8W G5 T5 300mm fluorescent tube
- 1 x Maintenance check record

Model:
EXITBOXM1L

8W T5 Maintained Emergency Exit Box Sign

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 product 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.

The lamps (bulbs/tubes), batteries supplied with this fitting are consumable parts and therefore may be outside of any warranty offered.

This unit is suitable for indoor use only.

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

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

Make sure that the fixings are strong enough to support the considerable weight of the fitting and hold it rigidly.

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

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.

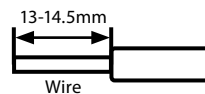
This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.

IMPORTANT: Always switch off mains supply before changing the lamp.

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 current IEE wiring and building regulations.

INSTALLATION:

NOTE: Wires should be stripped 13-14.5mm for best fit with the push-fit terminal block.



- 01) Undo the screws at the right hand end of the fitting and lift off.
- 02) Slide out front panel.
- 03) Remove the plastic plug from the cable entry hole.
- 04) Using the fitting as a template, mark the position of the fixing holes on your mounting surface.
- 05) Make fixing holes and fit plugs as appropriate.
- 06) Secure the fitting to the mounting surface using suitable fixings (not supplied).
- 07) Thread the supply cable through the entry point and into the fitting.
- 08) Make connection to the mains supply according to the colour code opposite. Take care not to leave any strands protruding from the terminals and ensure also that the terminals clamp onto the bare wires and not the insulation.
- 09) Write the current date on the battery pack
- 10) Connect the battery pack to the circuit board
- 11) To operate the fitting in non-maintained mode remove the link from terminals "S1-S2"
- 12) If the lamp is to be switched, remove the link from between the terminals marked "S1-S2" and connect cables to and from your switch.
- 13) Restore the power supply. The LED should light to indicate correct charging. If the link "S1-S2" has been left in place, the fitting should also light. If you have connected a switch across the terminals "S1-S2", test the operation of your switch.
- 14) Slide the front panel back into position and secure the retaining plate back in position using the two screws.

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

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.

LAMP REPLACEMENT:

Switch off the electricity at the mains.

Remove the diffuser.

Twist and withdraw the tube.

Insert the new tube.

Restore the power and perform operational check.

Replace diffuser.

REPLACEMENT LAMP TYPE:

Wattage:	8W Max
Supply Voltage:	240V
Size / Type:	GS T5 300mm fluorescent tube

BATTERY REPLACEMENT:

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

01) Switch off the electricity at the mains.

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) To replace the battery pack, it is necessary to disconnect the fitting from the mains supply and remove the fitting from its installation.

05) Remove the diffuser.

06) Unplug the battery lead from the circuit board.

07) Remove the two screws that secure the battery pack in place from the rear of the fitting and lift the battery pack away from the case.

08) Write current date on the new battery pack.

09) Secure the new battery pack in place.

10) Plug battery pack into circuit board.

11) Re-fit the exit light back into position

12) Replace diffuser and end panel.

13) Restore power and allow charging for 24 hours.

14) Perform full operation check and update test record.

REPLACEMENT BATTERY TYPE:

2.4v 4.5ah Ni-cad/7030-0621.

SPECIFICATION:

Power:	8W Max.
Continuous illumination emergency:	3 hours
Battery:	2.4v 4.5ah
Recharge time:	20 hours
Over – discharge protection:	Yes
Viewing distance:	34m



INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Product Description:

Installation
Date:

Installation
Test Duration:

Installed
By:

[illegible]