

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.

EMERGENCY DOWNLIGHT SPECIFICATION:

Self-Test in accordance with BS EN 62034: 2012

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.



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.

- 1) Isolate from mains supply and unplug the battery plug lead from the socket and re-plug the new battery.
- 2) Restore power and allow charging for 24 hours.

REPLACEMENT BATTERY TYPE:

3.6V 2000mAh Ni-Cad - 3 x C Cell.

CLEANING:

Disconnect the power and clean the exterior only of this fitting with a moist (not wet) cloth.

Do not use any chemical or abrasive cleaners.

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 Self-Test
LED batten with
emergency

Model:

4ft, 5ft & 6ft Self-Test Emergency LED Battens
SELB4FTEM3 / SELB5FTEM3 / SELB6FTEM3

5ft & 6ft High Output Self-Test Emergency LED Battens
SELB5HOEM3 / SELB6HOEM3

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

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.

This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal service. Using this fitting in any other environments may result in a shortened working life, for example where there is prolonged periods of use or higher than normal ambient temperatures.

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

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

Do not connect to a circuit which also has inductive loads connected; switching of inductive loads will generate spikes which may damage electronic components within your driver.

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.

The chosen location of your new fitting should allow for the product to be securely mounted (e.g. to a ceiling joist) and safely connected to the mains supply (lighting circuit).

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.

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:

01. Choose location of your new fitting giving consideration to all of the conditions listed above and the position of the entry points for the mains cable supply.
02. Carefully detach the LED tray from the main housing.
03. Unclip the gear tray retaining straps, disconnect the driver plug and detach the earth spade; set the LED tray aside.
04. Using the back of the fitting as a template, mark the location of the fixing holes on your mounting surface.
05. Thread the supply cable through the large grommet hole in the back of the fitting.
06. Secure the fitting in place using suitable fixings and ensure that cables are not trapped behind or inside the fitting.
07. Make the connections of the supply cable to the terminals inside the fitting following the colour coding below:

L	Permanent Live (Brown)
L1	Switched Live (Brown)
	Earth (Yellow/Green)
N	Neutral (Blue)
08. Clip the gear tray retaining straps back to the LED tray, re-connect the driver plug to the tray and re-attach the earth spade.
09. Connect the plug between the battery and emergency control gear and write the commissioning date on the battery.
10. Attach the LED tray, taking care that no cables are trapped between the tray and housing.
11. Restore power and switch on.
12. The emergency downlight will illuminate green on normal operation which indicates the battery is charging. On mains power failure the emergency LED will illuminate white light continuously for a minimum of three hours.

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.

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)

