

### 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.

### SPECIFICATION:

Self test in accordance with BS EN 62034 : 2012.

**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:

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

### 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:

Clean this fitting only with a soft dry 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



Model:  
**SELDLEM3**

### Self Test LED Emergency Downlight

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](mailto:sales@eterna-lighting.co.uk) / [technical@eterna-lighting.co.uk](mailto:technical@eterna-lighting.co.uk)

Visit our website: [www.eterna-lighting.co.uk](http://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.

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.

Use only with the driver/inverter provided. Do not connect directly to the mains.

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).

Do not cover the fitting, battery and driver with any insulating materials.

The driver should be placed where it cannot come into contact with water or moisture.

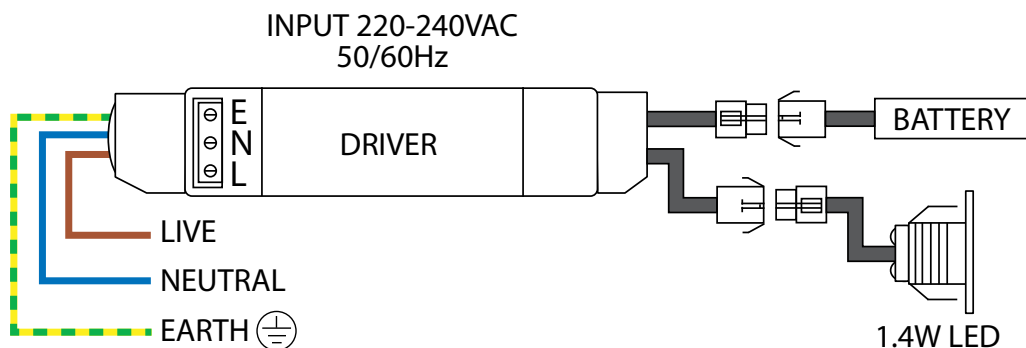
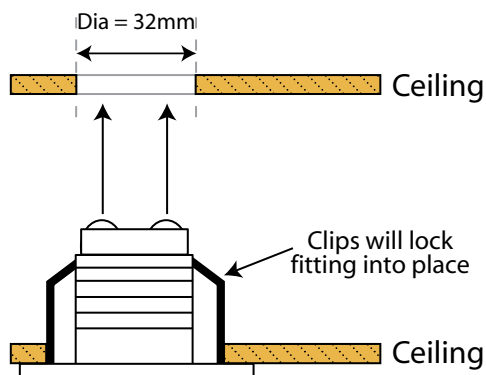
You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out, these tests are specified in the current IEE wiring and building regulations.

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

## INSTALLATION:

Choose the location for the new fitting taking the above points into consideration.

- 1) Mark the locations of your downlight and then using an appropriate hole cutter, make a 32mm diameter hole. (See below).
- 2) Prepare the route for the mains cable and feed through the hole and make the connections to the input side of the driver/inverter.
- 3) Write commissioning date on to battery.
- 4) Feed the driver/inverter through the hole, followed by the battery pack, which can lay adjacent to the hole.
- 5) Feed the excess cable through the hole and press the down light into position (see below) until it is retained by the springs. The fitting may require some manipulation in order to pass through the hole. Do not enlarge the hole to make fitting easier.
- 6) Restore the power and check fitting is working correctly.



## 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)



## INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Installed  
By:

[illegible]