

## 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.

## 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.

## LAMP REPLACEMENT:

LED array not replaceable.

## 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 lock off.
- 05) Remove the ceiling box cover.
- 06) Unplug the battery lead from the circuit board.
- 07) Unclip and remove the battery pack.
- 08) Write current date on the new battery pack.
- 09) Secure the new battery pack in place.
- 10) Plug battery pack into circuit board.
- 12) Replace housing cover.
- 13) Restore power and allow charging for 24 hours.
- 14) Perform full operation check and update test record.

## REPLACEMENT BATTERY TYPE:

3.6v 800mAh Ni-cad

## SPECIFICATION:

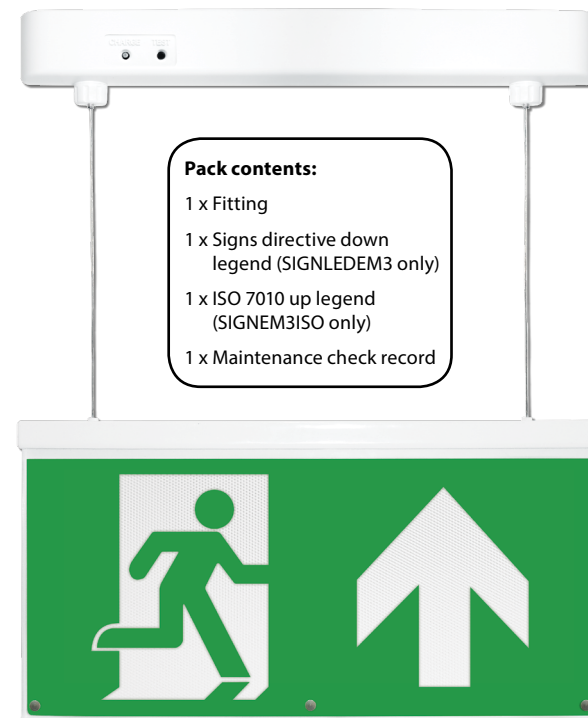
Rated wattage:	2.3W
Continuous illumination emergency:	3 hours
Battery:	3.6v 800mAh Ni-Cd
Recharge time:	24 hours
Over – discharge protection:	Yes
Viewing distance:	29m



 **Eterna**  
Everyday Lighting For Professionals

## INSTALLATION INSTRUCTIONS

### A guide for qualified electricians



Model:

## SIGNLEDEM3 / SIGNEM3ISO

### LED Emergency Hanging Exit Sign Light

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.

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 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.

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).

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.



**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.

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) Remove the screw at the end of the housing and unclip the top cover.
- 02) Use the rear of the case as a template, mark the position of the fixing holes on your mounting surface.
- 03) Thread your mains supply cable through the large hole in the rear of the case.
- 04) Secure the rear of the case to your mounting surface using suitable fixings (not supplied).
- 05) Secure the mains supply cables into the terminal block according to the terminal identification marked next to the terminal block in the fitting:  
N - Blue  
⊕ - Earth  
L - Brown
- 06) Connect the battery pack lead.
- 07) Replace the ceiling box cover and secure using the two screws removed earlier.
- 08) Restore the power supply.
- 09) The LED indicators should light to indicate correct charging and the sign panel will also light if the link between L & LS has been left in place.

**NB:** To operate as a non-maintained exit sign remove this link.

## 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.**

