

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.

- 1) To replace the battery pack, it is necessary to disconnect the fitting from the mains supply and lock off.
- 2) Remove the ceiling box cover.
- 3) Unplug the battery lead from the circuit board.
- 4) Unclip and remove the battery pack.
- 5) Write current date on the new battery pack.
- 6) Secure the new battery pack in place.
- 7) Plug battery pack into circuit board.
- 8) Replace housing cover.

REPLACEMENT BATTERY TYPE:

3.6v 800mAh Ni-cad

SPECIFICATION:

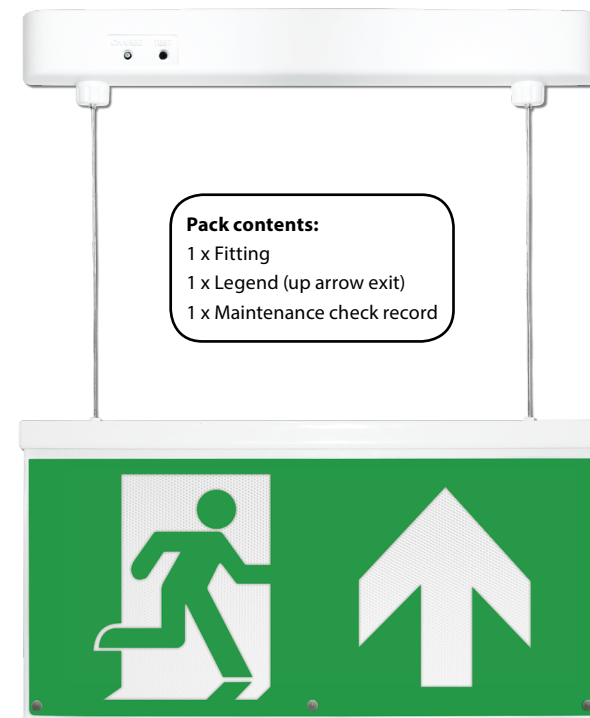
Rated wattage:	2.3W
Continuous illumination emergency:	3 hours
Battery:	3.6v 800mAh Ni-Cd
Recharge time:	24 hours
Over – discharge protection:	Yes
Viewing distance:	29m
Self test in accordance with BS EN 62034 : 2012	



 **Eterna**
Everyday Lighting For Professionals

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Model:

SESIGNLEM3

Self Test LED Emergency Hanging Sign

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 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.

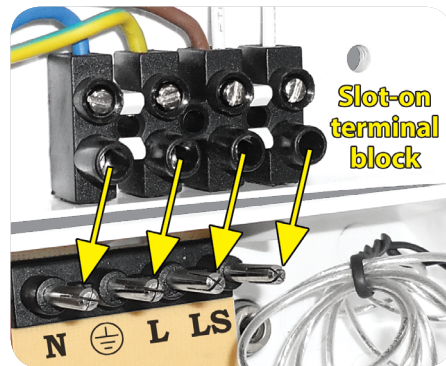
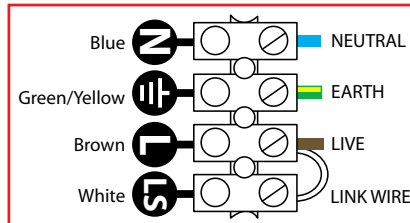
This product is not intended to be used by children and persons with sensory, physical and/or mental impairments that would prevent them from using it safely.

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:

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.

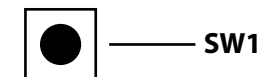
Once Each Year:

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.



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)



DANGER!

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.

