

### 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.

### 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.

### CLEANING:

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

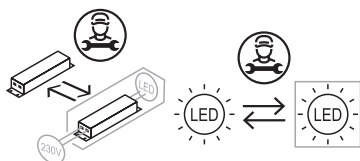
Do not use any chemical or abrasive cleaners.

### 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.

### LED LAMP SPECIFICATIONS:

Luminaire lumens (with diffuser)	<b>5000 lm</b>
Lumens from chip (no diffuser)	<b>5300 lm</b>
Useful lumens	<b>4500 lm</b>
Rated Wattage	50W
Rated luminous flux	4500 lm
Nominal life time of the lamp	40,000 hrs
Colour temperature	4000K
Number of switching cycles before premature lamp failure	15,000
Warm-up time up to 60% of the full light output	<2s
Dimmable	No
Nominal beam angle	120°
Rated power	50W
Rated lamp lifetime	40,000 hrs
Displacement factor	≥0.9
Lumen maintenance factor at end of nominal life	≥0.7
Starting time	<0.5s
Colour rendering	≥80
Colour consistency	Within a six step Macadam ellipse
Rated peak intensity	1353cd
Rated beam angle	120°
Voltage / Frequency	240V~50Hz
Lumen efficacy: 100 lm / W	
This product contains a Light Source of Energy Efficiency Class F	
Not suitable for accent lighting	



See website for more information on replaceability and recycling



# Eterna

Everyday Lighting For Professionals

## INSTALLATION INSTRUCTIONS

### A guide for qualified electricians



#### Pack contents:

1 x Twin LED fitting with emergency

Model:

# ELEGAN5EM3

## 5ft LED Twin Slimline Ceiling Fitting With Emergency

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)

## 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.

## 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.**

## EMERGENCY DOWNLIGHT SPECIFICATION:

EBLF: 0.92

## INSTALLATION:

- 01) Choose the location of your new fitting giving consideration to all of the conditions listed above and the position of the entry points for the mains supply cable.
- 02) Being cautious not to damage the fitting, carefully remove the central metal tray using a flat-head screwdriver to prise open at one end and then completely detach to allow access to the internal body of the luminaire.
- 03) Using the back of the fitting as a template, mark the location of the fixing holes on your mounting surface.
- 04) If fixing to a solid surface, drill holes and insert suitable plastic plugs.
- 05) Secure fitting in position, ensuring the fixings used are suitable to your installation. Take care not to over tighten fixing screws to prevent damaging the case.
- 06) Thread the supply cable through the cable entry at the centre of the housing. Alternatively, carefully drill out marked 20mm side entries and fit a gland / nut assembly.
- 07) Make connections into the terminal block according to the following colour code:  
  
Neutral – Blue  
Earth – Green and Yellow  
Live – Brown or Red
- 08) Connect the emergency driver to the battery and emergency downlight and write commissioning date on battery. (See below for diagram).
- 09) Replace the central metal tray.
- 10) Restore the power supply and switch on.
- 11) The emergency downlight will illuminate green on normal operation, which indicates the fitting is charging. On mains power failure the LED will illuminate white light continuously for a minimum of 3 hours.

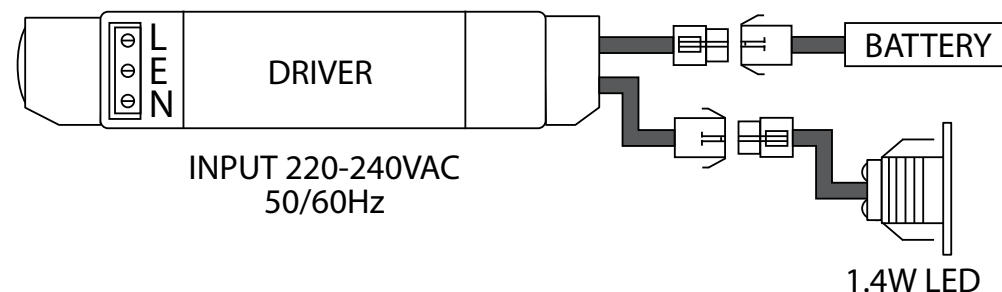
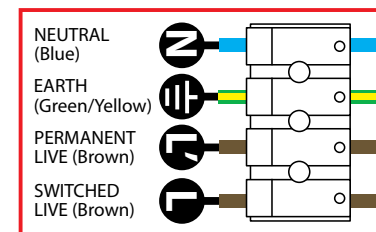
## BATTERY REPLACEMENT:

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

- 1) Switch off the electricity at the mains and allow batteries to fully discharge then reconnect to supply and allow charging for 24 hours.
- 2) Test again for 3 hours, if light does not remain lit, then change the battery pack as follows:
- 3) Isolate from mains supply and unplug the battery plug lead from the socket and re-plug the new battery.
- 4) Restore power and allow charging for 24 hours.
- 5) Perform full operation check and update test record.

## REPLACEMENT BATTERY TYPE:

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





# INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Product Description:

Installation  
Date:

Installation  
Test Duration:

Installed  
By:

[illegible]