

REPLACEMENT BATTERY TYPE:
3.2V 5500mAh LiFePO4 – replacement battery code:
EB32

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:
- 2a) Isolate from mains supply and unplug the battery plug lead from the socket and re-plug the new battery.
- 2b) Restore power and allow charging for 24 hours.
- 2c) Perform full operation check and update test record.

IMPORTANT NOTES:

The battery charging circuit and components are separated from the mains by at least basic (single layer) insulation.

When energised by a constant mains supply, the battery will be constantly charged whether or not the lamp is illuminated. On failure of the constant mains supply, the fitting will switch automatically using transistorised switching from battery charging to battery discharge powering the lamp whether or not the lamp was illuminated before the power failure.

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 February 2014). 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, please email: technical@eterna-lighting.co.uk, 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.

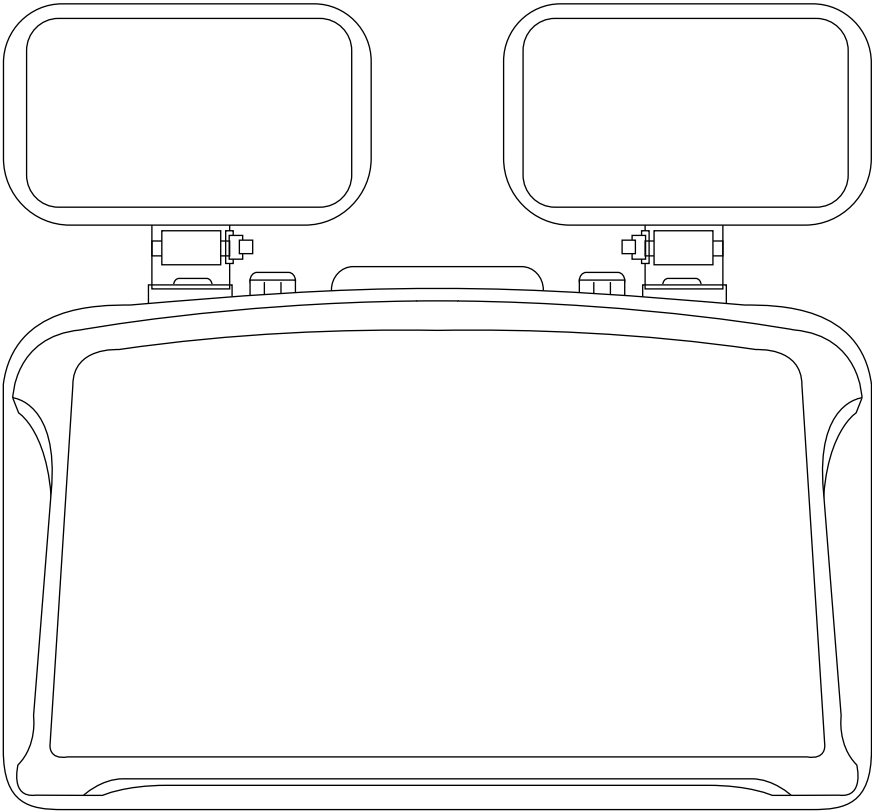
eterna.

INSTALLATION INSTRUCTIONS

E01VT65EM

Vorto

Vorto IP65 Emergency Twin Spot 500lm 6000K



Scan QR code
to go to web page



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Visit our website: www.eterna-lighting.co.uk

Issue 1124

Made in China

Pack contents: 1 x Emergency twin spot, 1 x maintenance check record, fixing kit

A guide for qualified electricians

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 fitting 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 of MCB.

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

Do not cover the fitting with any insulating materials.

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 Wiring Regulations (BS7671) referred to in the Building Regulations.

This product must be connected to earth termination.

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

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:

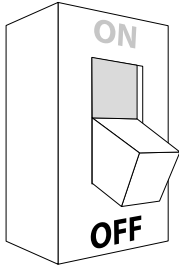
Isolate the power supply and check that the light is still illuminated after 3 hours. Endorse the test record form.

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.

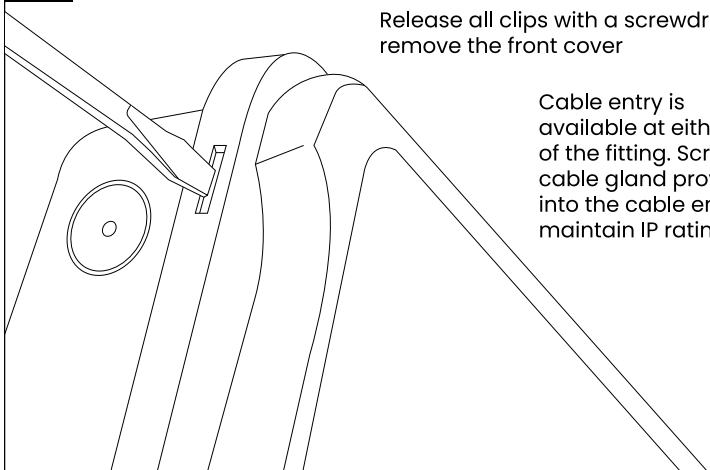
1

Turn off mains power and ensure supply is isolated



2

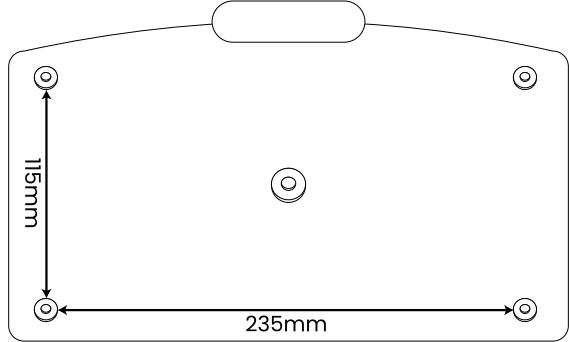
Release all clips with a screwdriver to remove the front cover



Cable entry is available at either side of the fitting. Screw the cable gland provided into the cable entry to maintain IP rating

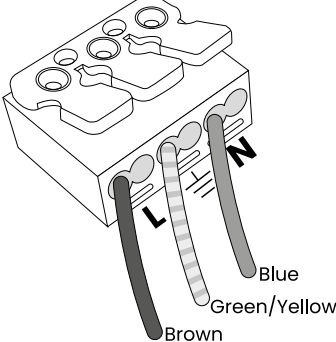
3

Using the back of the fitting as a template, mark and drill out fixing holes on your mounting surface. Apply silicon sealant to the fixings if IP rating is to be maintained



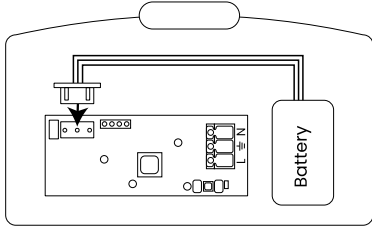
4

Make the connections from the mains cable to the push fit terminal block



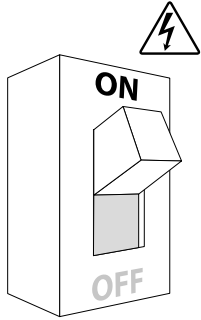
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Connect cable for the battery



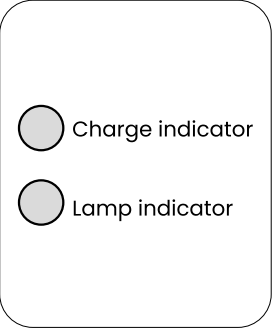
6

Replace front cover and turn on mains supply



7

Check fitting is working correctly. Two green LED lights should always be present indicating the fitting is charging and the lamp is healthy



INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Product Code:	Product Description:
Product Location:	
Installation Date:	Installation Test Duration:
Installed By:	

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