

REPLACEMENT LAMP TYPE:

Requires 2 x 20W 12V B15 auto twinspot lamp (included).

Fitting is rated at 20W max. (per lampholder).

LAMP REPLACEMENT:

- 01) Switch off the electricity at the mains.
- 02) Remove two screws on the front of the light and lift off the diffuser.
- 03) Remove the bayonet lamp.
- 04) Insert new lamp.
- 05) Replace diffuser.
- 06) Restore the power and perform operation check.

REPLACEMENT BATTERY TYPE:

12V 7Ah Lead / Acid

BATTERY REPLACEMENT:

If after routine operation check, the lamp does not remain lit for the three hour period, new batteries 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) Remove the two screws on each side of the front panel and lift off.
- 05) Unplug the battery leads from the batteries.
- 06) Lift the batteries out of the case.
- 07) Write current date on the new batteries.
- 08) Fit new batteries into the case.
- 09) Reconnect the battery leads.
- 10) Close and secure the front cover.
- 11) Restore power and allow to charge for 24 hours.
- 12) Perform full operation check and update test record.

SPECIFICATION:

- Power: 2 x 20W
- Continuous illumination: >3 hours
- Battery 12V 7Ah
- Recharge time ~24 hours
- Over-discharge protection: Yes

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.



INSTALLATION INSTRUCTIONS

A guide for qualified electricians

3 HOURS DURATION IN EMERGENCY MODE



Pack contents:

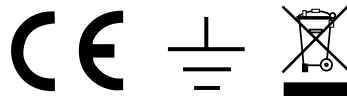
- 1 x Fitting
- 2 x 12V7Ah batteries
- 2 x 20W 12V B15 auto twinspot lamps
- 1 x Maintenance check record

Model: TWINSPOTNM

2 x 20W Emergency Non Maintained Twinspot

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 contains glass, care must be taken when assembling, fitting or handling to prevent personal injury or damage to the 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.

This light fitting must be installed in accordance with the Building Regulations making reference to the Wiring Regulations BS7671.

Switch off the mains before commencing installation and remove the appropriate circuit fuse.

This product is suitable for installation on flammable surfaces.

Suitable for indoor use only.

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

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 and safely connected to the mains supply.

Ensure that the fitting will be accessible after installation for maintenance.

If the location of your new fitting requires the provision of a new electrical supply, the supply must conform with the requirements of the Building Regulations making reference to the Wiring Regulations (see above).

Make connections to the electrical supply in accordance with the following code:

Live – Brown or Red
Neutral – Blue or Black
Earth – Green and Yellow

This product must be connected to Earth.

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.

CLEANING:

Clean this fitting only with a soft dry cloth.

Do not use any chemical or abrasive cleaners.

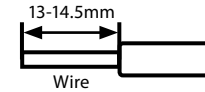
IF YOU EXPERIENCE PROBLEMS:

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.

For breakage information visit:
www.eterna-lighting.co.uk

INSTALLATION:

NOTE: Wires should be stripped 13-14.5mm for best fit with the push-fit terminal block.



NOTE: product should not be installed upside down as this can decrease the battery lifetime.

- 01) Undo the screws on each side of the front panel and lift off.
- 02) Disconnect and remove the batteries noting the connections.
- 03) Choose which side of the fitting you need to make your cable entry and knock out the slug.
- 04) Using the back of the fitting as a template, mark the position of the fixing holes on your mounting surface.
- 05) Make fixing holes and fit plugs as appropriate.
- 06) Secure the back of the fitting to the mounting surface using suitable fixings (not supplied).
- 07) Fit a cable gland (not supplied) into the cable entry hole.
- 08) Thread the supply cable through the gland and into the fitting.
- 09) Make connection to the mains supply according to the colour code opposite. Take care not to leave any strands protruding from the terminals and to tighten all terminals securely. Ensure also that the terminals clamp onto the bare wire and not onto the insulation.
- 10) Write the current date on the battery pack.
- 11) Replace the batteries and reconnect. Ensure that the batteries are connected with correct polarity, i.e:

Red +
Black –
- 12) Fit the battery fuse into the fuse holder on the PCB. Fuses are supplied in a small plastic bag fixed to the battery lead.
- 13) Replace the front cover and secure with the two remaining screws.
- 14) Restore the power supply.
- 15) Check that the Green LEDs that indicate charging and continuity in the two lamps are all lit.

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.

IMPORTANT NOTES:

The ballast and control gear must be operated only within the enclosure supplied. The gear must not be operated outside of the enclosure.

The battery charging circuit and control gear are separated from the mains by SELV.

When energised by a constant mains supply, the battery will be constantly charged. On failure of the constant mains supply, the fitting will switch automatically by relay from battery charging to battery discharge powering the lamps. Both the mains and battery supplies incorporate fuse protection: see fitting for location and rating.

