

EVENTUALLY, YOU MAY WANT TO REPLACE THIS LIGHT FITTING:

When your product comes to the end of its life or you choose to update or upgrade it by replacing it, please do not dispose of it with your normal household waste and please recycle where facilities exist. When you need to dispose of this fitting you can check with your retailer or local authority for suitable options. New 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.



IF YOU EXPERIENCE PROBLEMS:

If your product is defective or develops a fault, please return it to the place where you bought it. You can call our helpline for advice. The helpline will gladly give advice on any aspect of any Eterna Lighting product but may not be able to give specific instructions regarding individual installations.

If in doubt, consult a qualified electrician.



SAFETY AND INSTALLATION INSTRUCTIONS



Model:
LTSN3IP

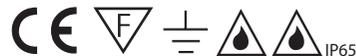
Pack contents:
1 x fitting
1 x test record sheet

IP65 LED Twinspot Emergency Fitting

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE USING YOUR NEW FITTING
PLEASE RETAIN FOR FUTURE REFERENCE**

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HELPLINE:

- T: 01933 673 144
- F: 01933 678 083
- E: sales@eterna-lighting.co.uk

Visit our website:

www.eterna-lighting.co.uk

General Information, Cleaning, Lamp & Battery Replacement:

READ THIS FIRST:

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.

If in any doubt, consult a qualified electrician.

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.

Your emergency fittings should have their own un-switched separate mains supply circuit and should not share their supply with other lighting or electrical devices.

This unit is suitable for indoor and outdoor use only.

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

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

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.

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.

If in doubt, consult a qualified electrician.

CLEANING:

Clean this product only with a soft dry cloth and do not use any chemical or abrasive cleaners.

LAMP REPLACEMENT:

This luminaire has sealed LED lamps and is maintenance free, no lamp replacement is required.

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.

- Switch off the electricity at the mains and allow batteries to fully discharge then reconnect to supply and allow charging for 24 hours.
- Test again for 3 hours, if light does not remain lit, then change the battery pack as follows:
- Remove four screws and lift off front cover plate.
- Unplug the battery lead from the circuit board.
- Remove the two screws, nuts and washers from the clamping bracket that secure the battery pack in place and lift the battery pack out of the fitting.
- Write current date on the new battery pack and fit new battery pack securing in place with the screws, nuts and washers previously removed.
- Plug battery pack into circuit board.
- Replace and fix front cover plate.
- Restore power and allow charging for 24 hours.
- Perform full operation check and update test record.

REPLACEMENT BATTERY TYPE:

2.2Ah Ni-Cad 8 x C Cell.

Installation, Operation Checks & Important Notes:

INSTALLATION:

Choose the location of your new fitting giving consideration to all of the points listed above.

- 01) Remove four screws and lift off front cover.
- 02) Make cable entry hole using an appropriate hole cutter and drill out fixing points in back of housing.
- 03) Using the back of the fitting as a template, mark and drill out fixing holes on your mounting surface.
- 04) Prepare fixing points to mounting surface as appropriate.
- 05) Fitting a cable gland will also be necessary if moisture or weather-proofing is required.
- 06) Thread the supply cable through the gland and into the fitting.
- 07) Secure the back of the fitting to the mounting surface using suitable fixings and apply silicon sealant to the fixings if IP rating is to be maintained.
- 08) Connect the un-switched supply cable to terminals marked L E N.
- 09) Mark the current date on the battery pack.
- 10) Connect the battery plug to the socket on the circuit board.
- 11) Refit the front cover and tighten screws.
- 12) Restore the power and check fitting is working correctly. Two green LED lights should always be present indicating the fitting is charging and the lamp is healthy.

OPERATION CHECKS:

Periodic testing should be carried out monthly by simulating a failure of supply, causing the fitting to be energised from its battery. Interruption of the supply should be carried out by the operation of a local key switch 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.

The duration of the simulated failure shall be:-

EACH MONTH:

Isolate the power supply and check the light is illuminated. This test should last for no more than 45 minutes. Endorse the test record form supplied.

EVERY SIX MONTHS:

Isolate the power supply and check that the light is still illuminated after 1 hour. Endorse the test record form.

ONCE EACH YEAR:

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

IMPORTANT NOTES:

Please keep this instruction booklet and test record sheet in a safe place. A fire officer or other authorised person may want to see your record of inspection and testing.

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 DC ballast 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. Both the mains and battery supplies incorporate fuse protection, see fitting for location and rating.

