

| SPECIFICATIONS:                                          |                |
|----------------------------------------------------------|----------------|
| Nominal useful luminous flux                             | <b>1250 lm</b> |
| Rated Wattage                                            | 20W            |
| Rated luminous flux                                      | 1250 lm        |
| Nominal life time of the lamp                            | 8,000 hrs      |
| Colour temperature                                       | 3500K          |
| Number of switching cycles before premature lamp failure | 8,000          |
| Warm-up time up to 60 % of the full light output         | <10s           |
| Dimmable                                                 | No             |
| Lamp dimensions mm                                       | 164 x 48mm     |
| Nominal beam angle                                       | >120°          |
| Rated power                                              | 20W            |
| Rated lamp lifetime                                      | 8,000          |
| Lamp power factor                                        | ≥0.55s         |
| Lumen maintenance factor at end of nominal life          | 80%            |
| Starting time                                            | 0.2s           |
| Colour rendering                                         | 84%            |
| Rated beam angle                                         | >120°          |
| Cap Type                                                 | E27            |
| Mercury Content                                          | ≤2.5mg         |

**Eterna**

B1100BK



This luminaire is compatible with bulbs of the energy classes:

~~A++~~

A+

A

B

C

D

E

This luminaire is sold with a bulb of the energy class: **A**

874/2012



**Eterna** B1100BK

A++

A+

A

B

C

D

E

**A**

**20** kWh/1000h

### 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.

### 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.

For breakage information visit:  
[www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)



Email: [sales@eterna-lighting.co.uk](mailto:sales@eterna-lighting.co.uk) / [technical@eterna-lighting.co.uk](mailto:technical@eterna-lighting.co.uk)

Visit our website: [www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)

Made in China

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## INSTALLATION INSTRUCTIONS

A guide for qualified electricians



### Pack contents:

- 1 x Fitting
- 1 x E27 lamp
- 3 x Base bolts
- 3 x Base screws
- 3 x Washers
- 6 x Head screws
- 1 x Surface mounting plate

Model:

**B1100BK**

**Low Energy Louvred Bollard 1100mm**

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION AND RETAIN FOR FUTURE REFERENCE**

## 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 and is intended for normal domestic service only not suitable for commercial use and is not classed as vandal proof.

The lifetime of compact fluorescent lamps and ballasts are negatively affected by increased switching i.e. where a PIR is being used to control the fitting.

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

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

**This unit is suitable for outdoor use and requires to be protected by a 30mA RCD.**

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 weight of the fitting and hold it rigidly.

The chosen location of your fitting should allow for the product to be securely mounted and anchored to a solid surface e.g. concrete, brick.

This product must be connected to earth termination.

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

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

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 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.

**IMPORTANT:** Always switch off the mains supply before changing the lamp.

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:

Suitable for outdoors (IP44).

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

**IMPORTANT:** This product is class 1 It must be connected to earth.

- 01) Remove the louvered head with the cap intact.
- 02) Prepare fixing surface.
- 03) Fixing holes must clear any obstructions within the mounting surface (eg cables of gas and water pipes).
- 04) Feed the incoming mains cable (1M rubber 3 core-not supplied) through the flanged bottom of the fitting.
- 05) Connect the incoming mains supply as follows:

Incoming **EARTH** (green /yellow) to earth terminal with green and yellow wire attached.

Incoming **LIVE** (brown/red) to live terminal with brown wire attached.

Incoming **NEUTRAL** (blue/black) to Neutral terminal with blue wire attached.

- 06) Remove the cap and fit a suitable ES 27 energy saving lamp (included).
- 07) Replace the cap onto the louvered head.
- 08) Secure the head to the fitting.
- 09) Restore power and switch on.

## LAMP REPLACEMENT:

Switch off the electricity at the mains.

Remove the diffuser etc.

Remove and replace lamp.

## REPLACEMENT LAMP TYPE:

Fitting requires 1 x 20W ES triple turn CFLi 3500K (included) or energy saving alternative.

Fitting is rated at 100W max.

Fig 1

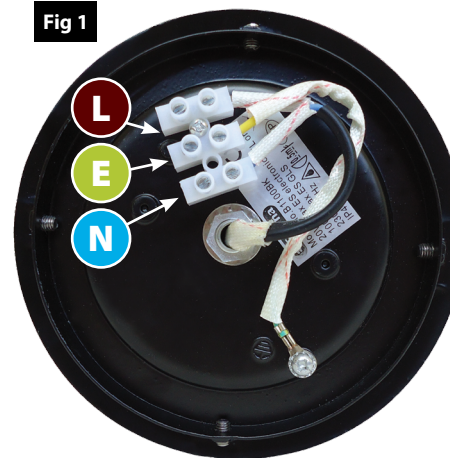
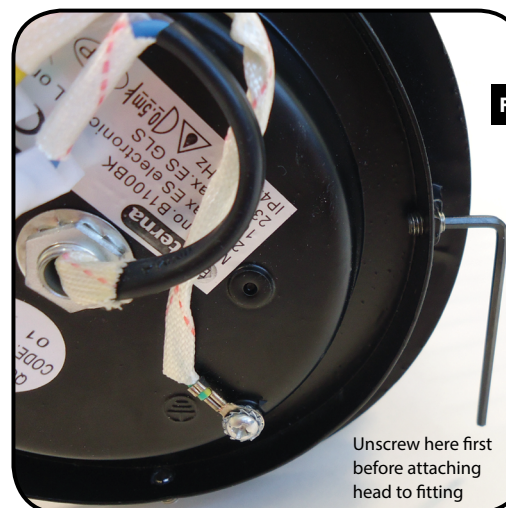


Fig 2



Unscrew here first before attaching head to fitting

Fig 3

