

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:
1 x LED bulkhead

Model:

VECOBHLED / VECOBHLPC

LED Economy Bulkhead / + Photocell Version

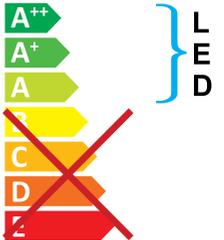
These instructions are provided as a guideline to assist you.

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

LED LAMP SPECIFICATIONS:	
Luminaire lumens (with diffuser)	900 lm
Lumens from chip (no diffuser)	1200 lm
Useful lumens	850 lm
Rated Wattage	12W
Rated luminous flux	850 lm
Nominal life time of the lamp	20,000 hrs
Colour temperature	3000K
Number of switching cycles before premature lamp failure	10,000
Warm-up time up to 60% of the full light output	Instant full light
Dimmable	No
Nominal beam angle	120°
Rated power	12W
Rated lamp lifetime	20,000 hrs
Lamp power factor	>0.65
Lumen maintenance factor at end of nominal life	70%
Starting time	<0.1
Colour rendering	80
Colour consistency	Within a six step Macadam ellipse
Rated beam angle	120°
Voltage / Frequency	240V~50Hz
Not suitable for accent lighting	

Eterna VECOBHLED/PC

This luminaire contains built-in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012 

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:

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.



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 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. 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.

This unit is suitable for outdoor use.

This product is designed for permanent connection to fixed wiring: this must be a suitable circuit (protected with the appropriate MCB or fuse).

This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard and masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).

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 or a joist—do not fix directly onto panelling, cladding, plasterboard etc.

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

Live: Brown or Red
Neutral: Blue or Black

When working at heights ensure you use a suitable platform.

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 double insulated. Do not connect any part to Earth.

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.

INSTALLATION:

PHOTOCELL VERSION:

Do not install under eaves or in a location of frequent shadow that will prevent the light from switching off when required. Do not install near other sources of bright light that will prevent the light from switching on when the ambient light level falls.

- 01) Choose the location for your new light fitting giving consideration to the points listed opposite.
- 02) Remove the diffuser by removing the four retaining screws and lifting off.
- 03) Remove the two screws from the LED array and lift off. Unplug the LED array and safely place aside.
- 04) Drill out four fixing holes in the back of the fitting according to your chosen fixing method. Four holes have been part made in the feet of the fitting to enable the fitting to be secured to a solid surface and markings are provided on the back of the fitting to show the location of BESA fixing holes. If fitting using a BESA box, an additional gasket will be required to maintain the water-proofing.
- 05) Choose the point for cable entry and remove the corresponding knock-out.
- 06) Using the fitting as a template, mark the location of your fixing holes on the mounting surface.
- 07) Secure the fitting in position using suitable fixings (not supplied).
- 08) Cover the heads of the screws with silicone sealant (not supplied).
- 09) Make connections according to the colour code listed opposite.
- 10) Reconnect the plug from the LED array then replace LED array and tighten the two screws.
- 11) Replace the diffuser and tighten the four screws. Take care not to over-tighten.
- 12) Restore the power and switch on.

VECOBHLED:

The fitting should light when switched on.

VECOBHLPC:

The fitting will light when the power has been restored and the ambient light level falls below the preset threshold on the photocell (note this unit is not adjustable).

The light source is designed to last the lifetime of the luminaire.

The light source contained in this luminaire shall only be replaced by the manufacturer, service agent or a similar qualified person.

CAUTION, RISK OF ELECTRIC SHOCK.

