

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:
1 x Fitting
2 x Rubber Grommets
2 x Heat Resistant Sleeves

Model:

BH100D / BH100DWH

All Polycarbonate Bulkhead

These instructions are provided as a guideline to assist you.

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

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.

The diffuser may be removed and washed in a mild detergent solution. Make sure the diffuser is completely dry before putting it back on your light fitting.

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.

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.

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
Earth: Green and Yellow

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 must be connected to earth termination.

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:

NOTE: The fitting should be installed in a vertical plane with the lampholder at the bottom.

- 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 reflector and lift off.
- 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) Pierce one of the rubber grommets and thread your supply cable through. The grommet should be a tight fit on the cable to ensure a waterproof seal.
- 10) Fit the grommet into your chosen entry point in the case.
- 11) Thread the supply cable into the fitting, if your cable enters from the top of the fitting, route it around the perimeter of the case, away from the heat of the lamp.
- 12) Slip the heat proof sleeving over the live and neutral cores of the supply cable.
- 13) Lift off the terminal block cover and make the electrical connections according to the colour code listed opposite and noting the terminal identification in the fitting.
- 14) Replace the terminal block cover.
- 15) Pull any excess cable back through the grommet but do not pull the cable tight.
- 16) Replace the reflector and secure in place using the serrated washers and screws removed earlier.
- 17) Insert a lamp observing the maximum wattage and lamp type marked on the lampholder and listed on the back of this leaflet.

18) Replace the diffuser and tighten the four screws. Take care not to over-tighten.

19) Restore the power and switch on.

LAMP REPLACEMENT:

- Switch off the electricity at the mains.
- Undo the two screws and remove the diffuser.
- Remove and replace lamp making sure it is of the same type and wattage as stated on the relamping label.
- Replace the diffuser and tighten the two screws. Ensure that the gasket is correctly fitting between the diffuser and the back.

REPLACEMENT LAMP TYPE:

- Requires 1 x suitable BC energy saving lamp (not included).
- Fitting is rated at 100W max.