

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 it is completely dry before putting it back on your fitting.
- > Do not use any chemical or abrasive cleaners.

Lamp replacement:

- > Switch off the electricity at the mains.
- > Undo the four screws and lift off the diffuser.
- > Remove and replace lamp observing the maximum wattage listed below and marked on the lampholder.
- > Replace the diffuser and tighten the screws. Take care not to over-tighten.

Replacement lamp type:

Wattage: 100 W
Supply Voltage: 230 V
Type: BC GLS

Eventually, you may want to replace this light fitting:

When your light fitting comes to the end of it's life or you choose to update or upgrade it by replacing it, please do not dispose of it with your normal household waste, please recycle where facilities exist. When you need to dispose of this fitting, check with your retailer or local authority for suitable options. New regulations will encourage the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005).



If you experience problems:

If your light 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.

Help line:

Tel: 01933 673 144 Fax: 01933 678 083 Email: sales@eterna-lighting.co.uk
For answers to frequently asked questions (FAQs) and other information visit our web-site
www.eterna-lighting.co.uk



IMPORTANT !

Safety and Installation instructions

Vandal Resistant Bulkhead

Model(s)
BH100D

Pack contents:

Bulkhead fitting	1
Rubber grommets	2
Heat resistant sleeving	2

**PLEASE READ THESE INSTRUCTIONS BEFORE
INSTALLING YOUR NEW FITTING**

PLEASE RETAIN FOR FUTURE REFERENCE

Read this first:

- > **This light fitting must be installed in accordance with the Building Regulations.** These may be obtained from HMSO or viewed and downloaded from www.odpm.gov.uk following the link for Building Regulations.
- > **If in any doubt, consult a qualified electrician.**
- > Switch off the mains before commencing installation and remove the appropriate circuit fuse.
- > Suitable for outdoor use.
- > To be mounted with the lamp in an upright position (cap down) or horizontally, not suitable for mounting with the lamp inverted (cap up).
- > This product is suitable for installation on surfaces with normal flammability (indicated by the "F" in a triangle) e.g. wood, plasterboard, 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.
- > The chosen location of your new fitting should allow for the product to be securely mounted (e.g. to a ceiling joist) and safely connected to the mains supply (lighting circuit).
- > 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.
- > This product is designed for permanent connection to fixed wiring: this should be either a suitable lighting circuit (protected with a 5 or 6 Amp MCB or fuse) or a fused spur (with a 3 Amp fuse) via a fused connection unit. We recommend that the supply incorporates a switch for ease of operation.
- > Make connections to the electrical supply in accordance with the following code:
 - Live - Brown or Red
 - Neutral - Blue or Black
 - Earth - Green and Yellow
- > Additional red wires may be present in your ceiling that are connected to the ring live circuit. Do not connect your fitting to these wires. If these wires are not terminated in a ceiling rose, join them together in a separate terminal block (not supplied), ensure that there are no strands of wire protruding from the terminals and wrap well with insulating tape.
- > 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. If in doubt, consult a qualified electrician.

Safety markings:



Installation:

- 1) Choose the location for your new light fitting giving consideration to the points listed opposite.
- 2) Remove the diffuser by removing the four retaining screws and lifting off.
- 3) Remove the two screws from the reflector and lift off.
- 4) 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, and additional gasket will be required to maintain the water-proofing.
- 5) Choose the point for cable entry and remove the corresponding knock-out. With care and patience, this can be cut out using a strong sharp knife or using a 24mm core drill bit.
- 6) Using the fitting as a template, mark the location of your fixing holes on the mounting surface.
- 7) Secure the fitting in position using suitable fixings (not supplied).
- 8) Cover the heads of the screws with silicone sealant (not supplied).
- 9) 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.