

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.

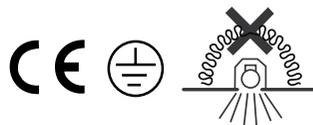


IF YOU EXPERIENCE PROBLEMS:

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.

110601-1BT

110713-SM



FOR PRODUCT ADVICE:

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

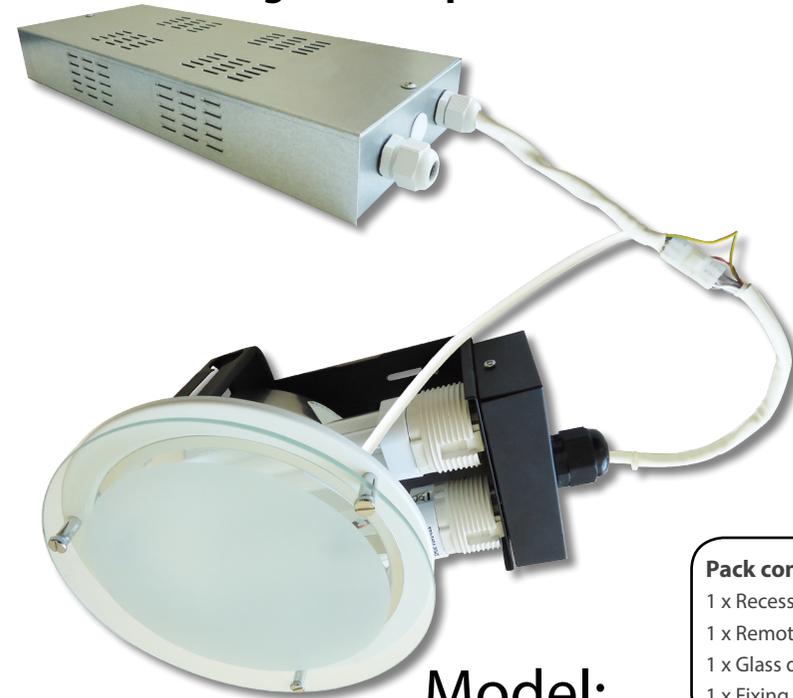
Visit our website:

www.eterna-lighting.co.uk



INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:

- 1 x Recessed fitting
- 1 x Remote emergency pack
- 1 x Glass diffuser
- 1 x Fixing kit

Model:
PLDGEM3

**2 X 26W Maintained Recessed
Emergency Downlight with Drop Glass**

DURATION: 3 HOURS DURATION IN EMERGENCY MODE

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 light fitting 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.

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

Disconnect from the electrical supply before flash or high voltage testing.

This unit is suitable for indoor use only.

This product is suitable for installation in 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 cutting fitting hole(s) in ceiling check that there are no obstructions hidden above the surface such as pipes or cables or joist

Do not cover the fitting with any insulating materials.

Do not install into surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

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

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 Wiring Regulations (BS7671) referred to in the Building Regulations.

IMPORTANT NOTES:

Please keep this instruction booklet and test record 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.

20mm glass fuse 3 amps rated.

If battery short circuits on battery terminals then fuse needs to be replaced before recharging.

This ballast is protected against polarity reversal.

CLEANING:

Clean this emergency light fitting only with a soft dry cloth.

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

Do not use any chemical or abrasive cleaners.

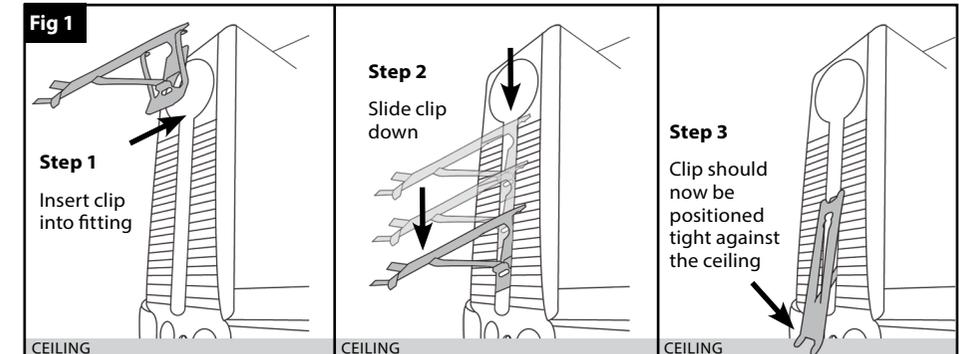
INSTALLATION:

- 01) Switch off the mains before commencing installation and remove the appropriate circuit fuse or MCB.
- 02) Choose the location for your emergency fitting giving consideration to all of the points above.
- 03) Cut a round hole of 166mm diameter.
- 04) Fit the ceiling fixing clips to the side of the fitting - see fig. 1 below:
- 05) The light fitting and remote emergency pack are connected together by a multi plug and socket.
- 06) Disconnect fitting from emergency pack by un-plugging.
- 07) Remove the cover of remote emergency pack.
- 08) Thread your mains permanent supply cable in through the gland or grommet and make connections to the fused terminal block assembly as follows:

**Live cable to terminal marked "L"
Neutral to terminal marked "N"
Earth wire to earth terminal**

- 09) To operate the fitting in non-maintained mode, remove the link from the terminals L & L1.
- 10) If the lamp is to be switched, remove the link from between the terminals marked L & L1 and connect cables to and from your switch.
- 11) Depending on your installation circumstances you may need to pre-wire and make final connections via a junction box.
- 12) Make the battery connection by plugging the battery plug and socket together.
- 13) Replace the top cover of the remote gear box.

- 14) Pass the gear case through hole cut out in ceiling (or if fixing into a suspended ceiling remove adjacent tile and use suitable fixings to support the weight of the remote gear box).
- 15) Connect the light fitting to the remote box by plugging the multi plug and socket together and inserting the LED indicator light into the bracket on the reflector.
- 16) Push the body of the fitting up into the ceiling hole ensuring that the retaining clips spring correctly into position. If not, hold the fitting in place against the ceiling and draw the clips downwards from the inside of the fitting until they are tight and the fitting is held securely. See fig. 1 below.
- 17) Ensure that the cut-out in the reflector is positioned in line with the lampholders and tighten the nut in the centre.
- 18) Insert lamps according to the lamp type and wattage marked next to the lampholders and on the back of this leaflet.
- 19) To affix the drop glass diffuser, remove the three plastic plugs from the bezel of the light fitting.
- 20) Remove the slotted screws from the three posts and fix the posts to the bezel.
- 21) Locate the glass on the posts and secure in place using the three screws. Tighten the screws sufficiently to retain the glass securely but take care not to over-tighten.
- 22) Restore the power and switch on.
- 23) The Green LED charging indicator should be lit.
- 24) Mark the current date on the battery pack.



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.

INSTALLATION, MAINTENANCE AND OPERATION CHECK RECORD

Location:

Installation Date:

Installation Test Duration:

Installed By:

Month	Test	Year:									
		Sign	Date								
1	Short										
2	Short										
3	Short										
4	Short										
5	Short										
6	1 hr endurance										
7	Short										
8	Short										
9	Short										
10	Short										
11	Short										
12	3 hr endurance										

LAMP REPLACEMENT:

- 01) Switch off the electricity at the mains.
- 02) Undo the three slotted screws and remove the glass.
- 03) Remove and replace lamp.
- 04) Replace the glass, tighten the screws sufficiently to retain the glass securely but take care not to over-tighten.
- 05) Restore the power and switch on.

REPLACEMENT LAMP TYPE:

Wattage: 2 x 26W
 Supply Voltage: 240V
 Size / Type: G24q-3 Double Turn D 4pin CFL

REPLACEMENT BATTERY TYPE:

Ni cad 3.6v 3 cell 4.5Ah
 Type BTF 078

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.

- 01) Switch off the electricity at the mains.
- 02) Allow batteries to fully discharge then reconnect to supply and allow to charge for 24 hours.
- 03) Test again for 3 hours, if light does not remain lit change the battery pack as follows:
- 04) Isolate the mains supply to the unit.
- 05) Remove the cover of emergency re-mote gear box.
- 06) Unplug the battery leads from the ballast.
- 07) Remove the two screws in the bottom of the gear box that retain the battery pack and lift the battery pack out of the box.
- 08) Write current date on the new battery pack.
- 09) Fit new battery pack securing in place using the screws removed from the old pack.
- 10) Plug battery pack into ballast via plug and socket.
- 11) Replace cover.
- 12) Restore power and allow to charge for 24 hours.
- 13) Perform full operation check and update test record.