

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



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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 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.

Pack contents:

- Mains / low voltage ceiling downlight converter fitting
- 1 x Converter plate
- 1 x Stirrup
- 1 x GU10 lampholder
- 1 x GU5.3 lampholder

Model:

CR80CR / CR80SN / CR80WH

Mains / Low Voltage Ceiling Downlight Converter

These instructions are provided as a guideline to assist you.

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



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.

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.

Use the low voltage stirrup and lampholder assembly only with a suitable 12V transformer (not supplied).

Do not connect the low voltage stirrup and lampholder assembly directly to the mains.

If using the low voltage stirrup and lampholder assembly, check that the total wattage of all lamps does not exceed the maximum marked on your transformer.

Suitable for indoor use only.

This product is only suitable for use in living areas (not for areas constantly subject to moisture).

This product is suitable for installation on surfaces with normal flammability 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.

Do not cover the fitting and / or transformer with any insulating materials.

The lamp must be positioned so that there is at least 0.5m (500mm) between the lamp and any illuminated surface. Spotlights should be positioned well away from curtains and beds to ensure this distance is maintained.

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

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 making reference to the current edition of the IEE Wiring Regulations (BS7671).

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.

If using the GU10 mains voltage stirrup and lampholder assembly, make connections to the electrical supply in accordance with the following code:

Live: Brown or Red
Neutral: Blue or Black

This fitting is either double insulated or uses SELV (Safety Extra Low Voltage) depending on which stirrup and lampholder assembly you use. You do not need to connect any part 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.

LAMP REPLACEMENT:

- Switch off the electricity at the mains.
- Remove the circlip on the front of the fitting to release the lamp.
- Carefully pull the lamp out of the lampholder - do not twist.
- Push new lamp into lampholder.
- Locate the lamp in the fitting and re-fit the circlip.
- Restore the power and switch on.

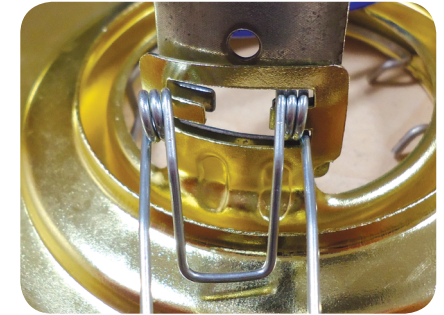
REPLACEMENT LAMP TYPE:

- Requires 1 x suitable MR16 GU5.3 or GU10 energy saving lamp. NOTE: do not use GZ10 lamps with this fitting.
- Fitting is rated at 50W max.

INSTALLATION:

- 01) Choose which of the lampholder and stirrup assemblies you intend to use: either the low voltage or mains voltage GU10. If you are using a low voltage assembly, these instructions assume that you have already installed your transformer.
- 02) Separate the light fitting from the converter plate by pulling firmly from the middle.
- 03) Lay the fitting flat on a surface. Hold the stirrup with the "H" shaped hole over the same shaped hole in the side of the fitting and so that the connection box faces away from the centre of the fitting.
- 04) Still holding the stirrup in place, grip one of the retaining springs and squeeze the coils together with the short leg facing downwards.
- 05) Hook the coils of the spring into the middle of the "H" shaped holes so that the fitting and stirrup are held together.
- 06) Fix the other spring to the "H" shaped hole on the other side of the fitting.
- 07) Offer the adapter plate to the ceiling and thread the supply wires through the hole in the centre.
- 08) Make the electrical connections inside the connection box according to the colour code opposite.
- 09) Thread the lampholder through the hole in the centre of the fitting and allow it to hang freely.
- 10) Ensure that the converter plate is positioned exactly and holding the springs upwards, push the fitting up into the centre of the plate. The short legs must engage with the edge of the hole in the converter plate.
- 11) Push the fitting firmly into position.
- 12) Remove the circlip fitted into the lamp aperture in the bottom of the fitting.
- 13) Fit a lamp according to the type of stirrup you have fitted and according to the maximum Wattage specified overleaf and on the fitting. Ensure that the lamp is fitted correctly and is secure in the lampholder.
- 14) Offer the lamp into the aperture and replace the circlip.
- 15) Restore the power and switch on.

NOTE: The adaptor plate is 150mm in diameter and will fit into any circular hole with diameter between 70-140mm.



Assembling the light fitting into the adapter plate: please note the position of the short arm of the retaining spring inside the plate.

