

INSTALLATION INSTRUCTIONS

A guide for qualified electricians



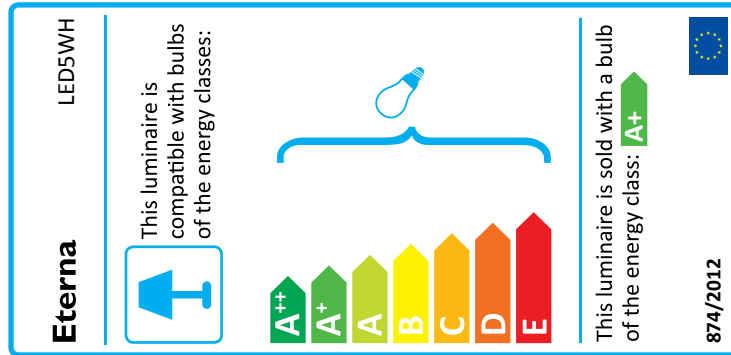
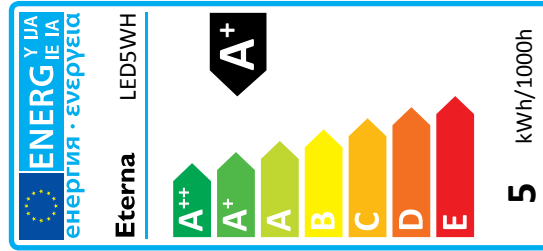
Pack contents:
 1 x 5W LED GX53 lamp
 1 x Surface mount fitting
 complete with 2m mains lead

Model:
LED5WH

5W LED GX53 Under Cabinet Fitting

These instructions are provided as a guideline to assist you.

**PLEASE READ THESE INSTRUCTIONS BEFORE USING YOUR NEW FITTING
 PLEASE RETAIN FOR FUTURE REFERENCE**



LED LAMP SPECIFICATIONS:	
Lumens total flux	470 lm
Rated Wattage	5W
Rated luminous flux	470 lm
Nominal life: time of the lamp	15,000 hrs
Colour temperature	3000K
Number of switching cycles before premature lamp failure	15,000
Warm-up time up to 60 % of the full light output	Instant full light
Dimmable	No
Lamp dimensions (H/Ø)	25 x 74mm
Nominal beam angle	>120°
Rated power	5W
Rated lamp lifetime	15,000 hrs
Lamp power factor	0.5
Lumen maintenance factor at end of nominal life	70%
Starting time	<0.5s
Colour rendering	80
Colour consistency	Within 6 step Macadam ellipse
Rated beam angle	>120°
Cap type	GX53
Voltage / Frequency	240V~50Hz
Not suitable for accent lighting	



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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.

The lamps supplied with this fitting are consumable parts and therefore may be outside of any warranty offered.

This light fitting is suitable for indoor use only.

This product is not suitable for Bathroom 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).

If installing/mounting a light fitting to a plastic ceiling, you must seek advice from the ceiling manufacturer regarding the type and specification of light fittings that may be used.

Before making fixing hole(s), check that there are no obstructions hidden beneath the mounting surface such as pipes or cables.

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 fitting 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.

IMPORTANT— Always switch off at the mains before changing the lamp.

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.

LAMP REPLACEMENT:

Switch off the electricity at the mains.

Turn the lamp gently anti-clockwise and withdraw.

Remove and replace lamp making sure it's the same type and wattage as stated on the re-lamping label.

Switch back on mains supply.

REPLACEMENT LAMP TYPE:

Requires 1 x 5W LED GX53 (included).

Fitting is rated at 5W max.

Replacement lamp available from Eterna: LEDGX5.

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.

INSTALLATION:

- 01) Choose the location for your new light fitting please note the conditions above.
- 02) The lamps are retained by a bayonet style lampholder. Remove the lamp from the fitting by rotating gently anticlockwise and withdrawing.
- 03) The cable from the fitting can be routed through the side of the fitting or from the back, if you intend to route the cables from the side then you carefully need to break out the plastic where the cable is to exit.
- 04) Thread the cable back to the location you have chosen for the mains connection.
- 05) Using the fitting as a template, mark the position of the fixing holes. The fixing holes can be found inside the fitting in the plastic ring.
- 06) Secure the fittings in place using suitable fixing screws. Ensure that the cables are not trapped behind the fitting and are not visible through the hole in the centre of the fitting. (If the cable is routed across the hole in the middle of the fitting, the lamp may not fit).
- 07) Connect the cable from the fittings to the chosen connection.
- 08) Fit the lamp back into the lampholder by locating the pins and rotating gently clockwise.
- 09) Restore the mains supply and switch on fitting to ensure they work satisfactorily.