

LAMP SPECIFICATIONS:	21W	28W
Nominal Wattage	21W	28W
Rated Wattage	20.6W	27.9W
Average lifetime hours	24,000 hrs	24,000 hrs
Nominal useful luminous flux	1890 lm	2604 lm
Rated luminous flux	1890 lm	2604 lm
Luminous efficacy (Lm/W) in HF operation	90	93
Rated lamp Lumen maintenance in HF operation	2000hrs: 95% 4000 hrs: 92% 6000 hrs: 90% 8000 hrs: 90% 12000 hrs: 90% 16000 hrs: 90%	2000hrs: 95% 4000 hrs: 92% 6000 hrs: 90% 8000 hrs: 90% 12000 hrs: 90% 16000 hrs: 90%
Rated survival factors in HF operation	2000hrs: 99% 4000 hrs: 97% 6000 hrs: 92% 8000 hrs: 92% 12000 hrs: 90% 16000 hrs: 90%	2000hrs: 99% 4000 hrs: 97% 6000 hrs: 92% 8000 hrs: 92% 12000 hrs: 90% 16000 hrs: 90%
Lamp dimensions (mm)	850mm	1150mm
Cap type	G5	G5
Lamp Mercury content to an accuracy of 0.1mg	≤2.7mg	≤2.7mg
Colour rendering index Ra	≥80	≥80
Colour temperature	3500K	3500K
Ambient temperature required to achieve maximum luminous flux	25°C	25°C
Dimmable	No	No

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.

For breakage information visit:
www.etera-lighting.co.uk



Email: sales@etera-lighting.co.uk / technical@etera-lighting.co.uk

Visit our website: www.etera-lighting.co.uk

Made in China

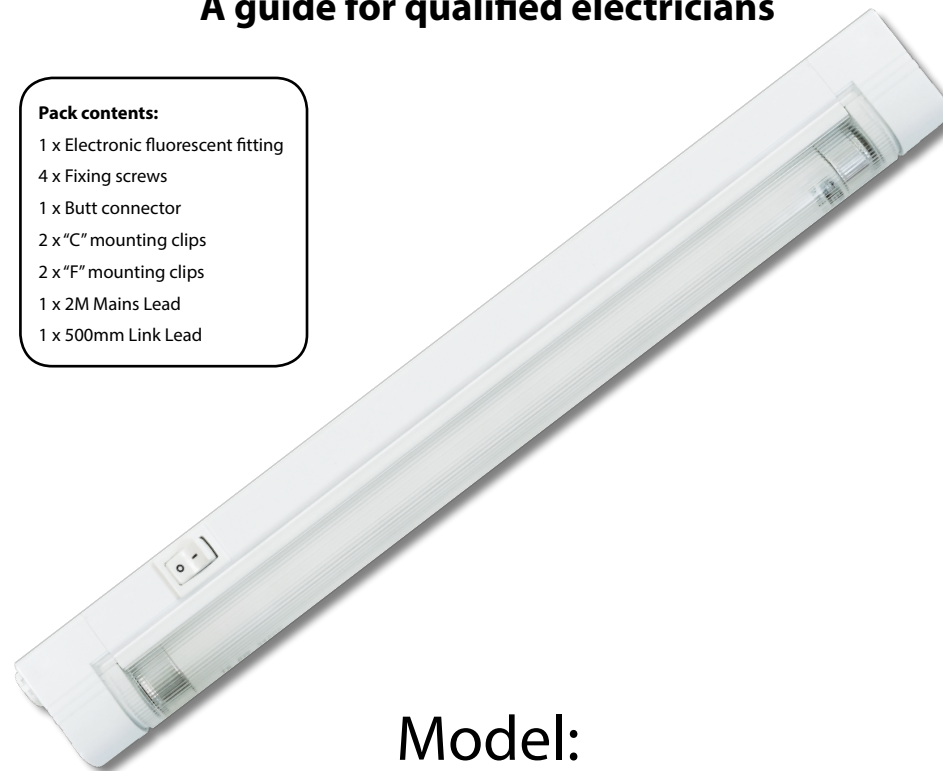


INSTALLATION INSTRUCTIONS

A guide for qualified electricians

Pack contents:

- 1 x Electronic fluorescent fitting
- 4 x Fixing screws
- 1 x Butt connector
- 2 x "C" mounting clips
- 2 x "F" mounting clips
- 1 x 2M Mains Lead
- 1 x 500mm Link Lead



Model: LFT58WH, LFT513WH LFT521WH, LFT528WH T5 Linkable Fluorescent Fitting

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 Building Regulations making reference to the current edition of the IEE Wiring Regulations (BS7671). The Building Regulations may be obtained from OPSI (Office for Public Sector Information) or the department of Communities and Local Government and viewed and downloaded from www.communities.gov.uk following the link for Building 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. Use of this fitting in any other environment, for example where prolonged periods of use may be expected and/or higher than normal ambient temperatures, may result in a foreshortened working life.

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

This fitting is not suitable for frequent use for extended periods or in environments with higher than normal ambient temperatures for example: lighting public or shared spaces or in care facilities.

Switch off the mains before commencing installation and remove the appropriate circuit fuse.

When working at heights, please use a suitable platform.

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

Suitable for indoor use only.

This product is suitable for use in living areas. It is not suitable for bathroom or other areas where contact with moisture is likely.

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.

Make sure that the fixings are strong enough to support the weight of the fitting and hold it rigidly.

When choosing the location for your new fitting, give consideration to the ease and frequency of lamp changes. The fitting should not be installed in a position where it will be difficult to reach,

Do not cover the fitting.

The fitting must be positioned so that there is at least 10mm between the diffuser and any other 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.

Make connections to the electrical supply in accordance with the following code:
Live - Brown or Red
Neutral - Blue or Black

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.


Small children should be supervised to ensure that they do not play with this appliance.

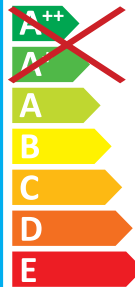

IMPORTANT - Always switch off and isolate mains supply to the fittings before changing the lamp(s).

If the external flexible cable of this luminaire is damaged it shall be exclusively replaced by an qualified personnel.


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.

Eterna LFT5 8W/13W


 This luminaire is compatible with bulbs of the energy classes:



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This luminaire is sold with a bulb of the energy class: **A**


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Eterna LFT5 21W/28W

 This luminaire is compatible with bulbs of the energy classes:

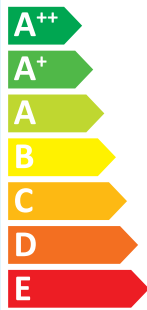
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This luminaire is sold with a bulb of the energy class: **A+**


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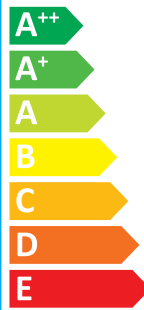
Eterna 8W

 **A**


8.80 kWh/1000h

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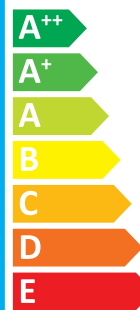
Eterna 13W

 **A**


14.30 kWh/1000h

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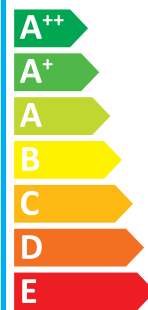
Eterna 21W

 **A+**

22.66 kWh/1000h

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Eterna 28W

 **A+**

30.69 kWh/1000h

INSTALLATION:

- 01) When positioning the fitting make sure there is a gap of 10mm between the fitting and any adjacent surface. See Fig 1.
- 02) Select the type of brackets you need to use and mark off the fixing points see Fig.3 opposite for best spacing. If fixing to a shelf or under a cupboard check the screw size required and screw into place. See Fig. 2 and 3 opposite.
- 03) If fixing directly to the wall, drill holes using an appropriate drill bit to a depth of 30mm and insert wall plugs.
- 04) Secure the selected brackets in place using the screws supplied.
- 05) Attach the fitting to the clips.
- 06) Connect the mains lead or link lead to the socket on your fitting.
- 07) Restore the power supply and switch on.

HOW TO LINK MULTIPLE FITTINGS TOGETHER (SEE FIG. 4):

Option 1. The light fitting can be butted together to form a line of up to a maximum of 6 fittings. Simply remove the connector caps and push the fittings together using the short butt connector supplied. Use the mains lead cable to connect the first fitting and the mains via a spur suitably fused.

Option 2. Connect link leads between each fitting once all lights have been connected; connect the mains lead to the mains via a spur suitably fused.

WARNING:

The leads supplied with your fitting and the sockets incorporated in your fitting are designed to give protections against any possible electrical hazard. The mains leads is terminated in a socket marked LS2S and this lead should be used to supply mains to your fittings or chain of fittings. Under no circumstances should you attempt to adapt the link lead to supply power to the opposite end of your fitting as this will leave live pins exposed at the mains input end of the fitting. Altering or adapting any of the leads, other than shorting the mains supply lead, will invalidate your guarantee and can present a severe electrical shock hazard.

LAMP REPLACEMENT:

- 01) Switch off the electricity at the mains.
- 02) Lift off the diffuser.
- 03) Rotate the lamp through approx 90° and withdraw from the lamp holders.
- 04) Insert new lamp and rotate to lock in position.
- 05) Replace diffuser.
- 06) Restore power and switch on.

LAMP REPLACEMENT TYPE:

8W requires 1 x 8W G5 T5 300mm fluorescent tube 3500K (included) or energy saving alternative. Fitting is rated at 8W max.

13W requires 1 x 13W G5 T5 525mm fluorescent tube 3500K (included) or energy saving alternative. Fitting is rated at 13W max.

21W requires 1 x 21W G5 T5 850mm fluorescent tube 3500K (included) or energy saving alternative. Fitting is rated at 21W max.

28W requires 1 x 28W G5 T5 1150mm fluorescent tube 3500K (included) or energy saving alternative. Fitting is rated at 28W max.

CLEANING:

Clean this light fitting only with a soft dry cloth.

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

Do not use any chemical or abrasive cleaners.

