



INSTALLATION INSTRUCTIONS

A guide for qualified electricians



Pack contents:

1 x LED Ceiling fitting

Model:
ELED18INT

15W Internal LED Ceiling / Wall Light

These instructions are provided as a guideline to assist you.

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

LED LAMP SPECIFICATIONS:	
Luminaire lumens (with diffuser)	1260 lm
Lumens from chip (no diffuser)	1600 lm
Useful lumens	1200 lm
Rated Wattage	15W
Rated luminous flux	1200 lm
Nominal life time of the lamp	30,000 hrs
Colour temperature	4000K
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
LED array dimensions (Ø)	260mm
Nominal beam angle	120°
Rated power	15W
Rated lamp lifetime	30,000 hrs
Lamp power factor	>0.5
Lumen maintenance factor at end of nominal life	>70
Starting time	<0.1
Colour rendering	80
Colour consistency	Within a six step Macadam ellipse
Rated peak intensity	520cd
Rated beam angle	120°
Voltage / Frequency	240V~50Hz
Not suitable for accent lighting	

Eterna ELED18INT

This luminaire contains built-in LED lamps.

A++
A+
A
B
C
D
E } **LED**

The lamps cannot be changed in the luminaire.

874/2012



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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 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.

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 such as lighting public or shared spaces or in nursing / care home facilities.

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

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


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).

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 and safely connected to the mains supply (lighting circuit).

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. 

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.

Make connections to the electrical supply in accordance with the following code:

Live: Brown or Red
Neutral: Blue or Black
Earth: Green and Yellow


This product must be connected to Earth.

IMPORTANT:

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.

INSTALLATION:

Choose the location for your new fitting according to the conditions listed opposite.

- 01) Hold the base of the fitting and gently turn the diffuser anti-clockwise and lift off.
- 02) Using the back of your fitting as a template, mark the position of your fixing holes on your mounting surface.
- 03) Prepare the holes in your mounting surface as appropriate for your fixings.
- 04) Thread the cable through the grommet and offer the fitting to the ceiling / wall.
- 05) Secure the fitting in place.
- 06) Check that the grommet is still correctly fitted in the cable entry hole and around the incoming cable.
- 07) Remove the terminal block cover and make the electrical connections to the gear tray according to the symbols, adjacent to the connector block, Brown to live (L) Blue to neutral (N) and earth green & yellow ().
- 08) Replace the terminal block cover.
- 09) Offer the diffuser onto the top of the fitting and turn clockwise until held securely.
- 10) Restore the power and switch on.

LAMP REPLACEMENT:

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.

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.

