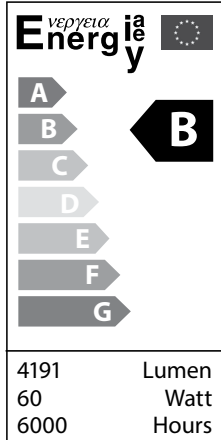


## ENERGY INFORMATION:

### 60W Circular Fluorescent



Rated lamp efficacy at 100 hours in standard conditions: >50 Hz • 4191 Lumen

**The power dissipated by the auxiliary equipment such as ballasts is not included in the power consumed by the source.**

#### Rated lamps Lumen Maintenance Factor (testing mode 50 Hz):

2 000 h	≥ 95%
4 000 h	≥ 90%
6 000 h	≥ 80%

#### Rated lamp Survival Factor (testing mode 50 Hz):

2 000 h	≥ 98%
4 000 h	≥ 93%

• Lamp mercury content:	≤ 5.0mg
• Colour rendering index (Ra):	≥ 80
• Colour temperature of the lamp:	3500 K
• Lamp efficacy:	69 Lm/W
• Ballast efficiency:	EEI = B2

## CLEANING:

Clean this product only with a soft dry cloth.

The shade may be removed and washed in a mild detergent solution, disconnect the power before doing this. Make sure the shade is completely dry before restoring the power and before putting it back on your light fitting.

Do not use any chemical or abrasive cleaners.

## 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.



## INSTALLATION INSTRUCTIONS

### A guide for qualified electricians



#### Pack contents:

Ceiling Fitting x 1  
Fixing Kit x 1  
T9 Circular fluorescent lamp x 1

Model:  
**D129**

### 60W Fluorescent Circular Ceiling Fitting

These instructions are provided as a guideline to assist you.

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

130712-JB/BT



#### FOR PRODUCT ADVICE:

• T: 01933 673 144  
• F: 01933 678 083  
• E: [sales@eterna-lighting.co.uk](mailto:sales@eterna-lighting.co.uk)

Visit our website:

[www.eterna-lighting.co.uk](http://www.eterna-lighting.co.uk)



## 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 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 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.

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

This unit is suitable for indoor use only.

This product is suitable for use in living areas, and bathroom dry (outside) zones only (see diagram below and current IEE Wiring Regulations for details). It is not suitable for Bathroom Zones 0, 1, 2, or other areas where contact with moisture is likely. If being fitted in a bathroom a 30mA RCD must be used.

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.

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

The chosen location of your new fitting should allow for the product to be securely mounted (e.g. to a ceiling joist) and safely connected to the mains supply (lighting circuit).

When choosing the location for your new fitting, ensure that the fixings will be anchored in a solid surface e.g. concrete, brick or a joist - do not fix directly onto panelling, cladding, plasterboard etc.

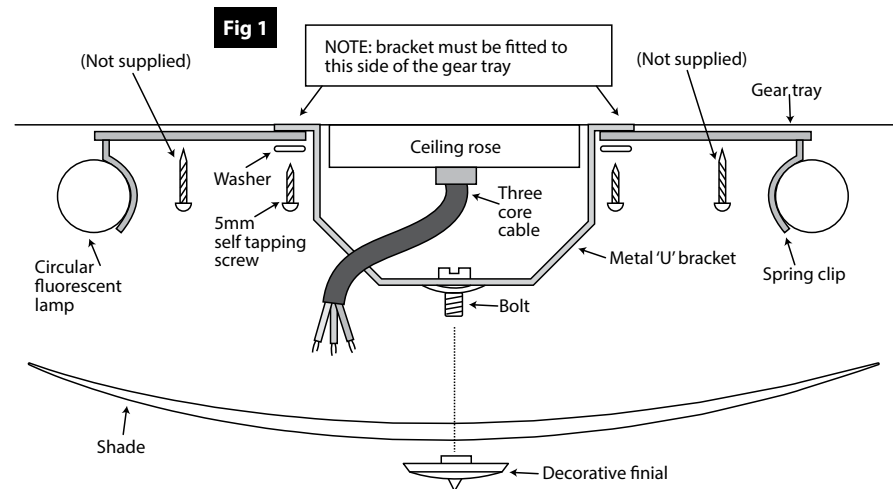
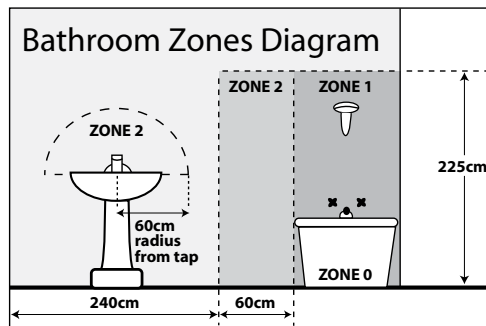
Do not attach to surfaces which are damp, freshly painted or otherwise electrically conductive (e.g. metallic surfaces).

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.

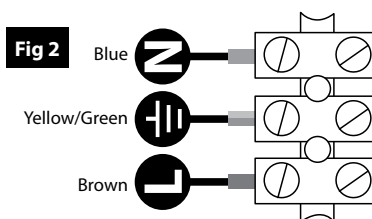
You are advised at every stage of your installation to double-check any electrical connections you have made. After you have completed your installation there are electrical tests that should be carried out, these tests are specified in the current IEE wiring and building regulations.



## INSTALLATION:

01. Fix the metal "U" bracket to the gear tray using the two 5mm self tapping screws (supplied) by passing the bracket through the hole in the middle of the gear tray from the rear and inserting the screws from the front. See Fig. 1.
02. Unscrew the ceiling rose cap (if present) and disconnect the lampholder at the terminal block.
03. Fit the new length of 3-core cable (supplied) to the ceiling terminal block observing the following colour code: (Also see Fig. 2 below).

Live – Brown or Red  
Neutral – Blue  
Earth – Green and Yellow



04. Thread the free end of the cable through the hole in the ceiling rose cap and refit the cap to the ceiling rose.
05. If there is no rose present, connect the 3-core cable (supplied) to your supply wiring using a suitable terminal block. Ensure that there are no strands of wire protruding from the terminals and wrap the block well with insulating tape.

06. Fix the gear tray unit (white metal part of the fitting) to the ceiling using three screws. Select fixings appropriate to the mounting surface. The screws must fix directly into joists if possible, if not, struts should be fitted between joists to enable secure fixing.

07. Connect the free end of the cable to the terminal block on the fitting observing the wiring code above.

08. Fit the tube - see instructions below for lamp replacement.

09. Attach the glass shade locating the hole in the shade on the bolt in the centre of the fitting and secure using the decorative finial.  
**DO NOT OVERTIGHTEN.**

10. Restore the power supply and switch on.

**NOTE:** If the unit emits a slight buzzing noise once installed, please check that the ballast is securely fastened to the gear tray and slightly loosen the screws used to retain the unit to the ceiling. The fitting must be isolated from mains supply whilst undertaking this.

## LAMP REPLACEMENT:

Switch off the electricity at the mains.

Remove the diffuser.

Remove and replace lamp.

## REPLACEMENT LAMP TYPE:

Wattage:	60W
Supply Voltage:	40V
Size / Type:	T9 circular fluorescent