



# LED T8 Glass Tube Installation Manual

9W 2' LED T8 / 14W 3' LED T8 / 22W 4' LED T8 / 24W 5' LED T8 / 28W 6' LED T8

**THANK YOU for buying this PHOEBE LED product.** To help ensure this LED tube gives complete satisfaction - only use it according to the following instructions, and then pass the instructions to the appropriate person for retention and future reference.

## Warning

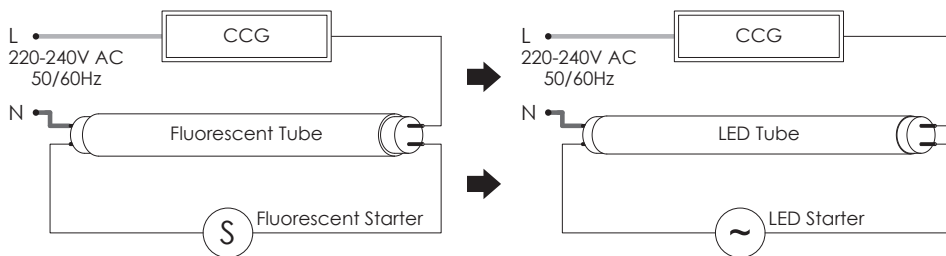
When installing or using this LED tube, basic safety precautions should always be followed, including the following:

1. Read all instructions
2. Switch off the power supply before installation or maintenance
3. The LED tube is designed for indoor use and dry place application - for any other application, please use in conjunction with a fixture meeting the appropriate IP requirements
4. This LED tube is not suitable for dimming
5. This LED tube is not suitable for emergency circuits
6. Do not exceed the nominal supply voltage or amperage ratings
7. Do not operate if product is damaged

	Conforms to all relevant EC Directive requirements
	This lamp is not suitable for dimming
	This lamp is not suitable for emergency circuits
	This lamp must be used in dry conditions or in a luminaire that provides protection
	This lamp is suitable for 50Hz or 60Hz operation
	Suitable for use with Magnetic Ballasts (Use replacement LED starter)
	This lamp comes supplied with a replacement LED Starter for magnetic ballasts
	Ambient operating temperature: -10°C to +45°C
	<b>Private Households:</b> This symbol on the product(s) and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge. Alternatively, in some countries you may be able to return your products to your local retailer upon purchase of an equivalent new product. Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation. <b>Business Users:</b> If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information. This symbol is only valid in the European Union. If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.

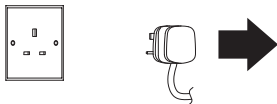
## A. Installation - Single Magnetic Ballast Circuit

We recommend to remove any parallel capacitor to achieve highest power factor  
\* for series magnetic ballast circuits, please follow series circuit instructions (**Follow instructions set B**)



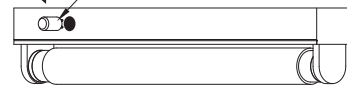
**1** Switch off the power

OFF

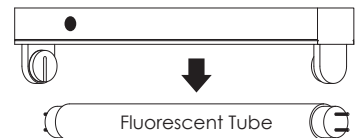


**2** Remove the fluorescent starter

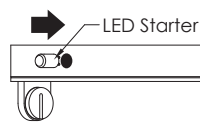
Fluorescent Starter



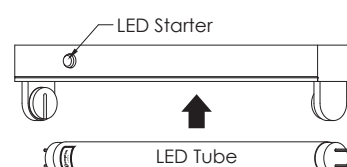
**3** Remove the fluorescent tube



**4** Insert the LED starter

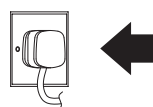


**5** Insert the LED tube



**6** Switch on the power

ON

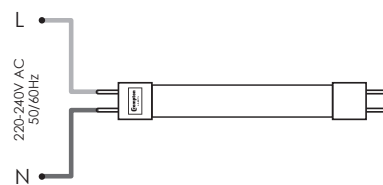


## B. Installation - New Installation / Electronic Ballast Circuit (ECG)

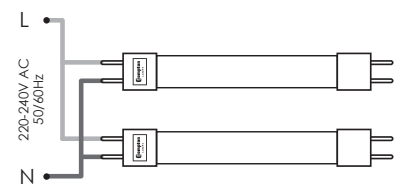
Only to be carried out by qualified electrician

- 1 Switch off the power
  - 2 Remove the fluorescent tube
  - 3 Rewire the circuit as per guidelines  
**LIVE to lamp stamp end of tube only**
- Note: The pins are not polarity sensitive
- 4 Insert the LED Tube
  - 5 Stick warning label onto luminaire

Single Fitting



Twin Fitting



Diagrams are for information only - please refer to a qualified electrician

If you have any uncertainty about the installation or usage of the tube, please consult Crompton Lamps on the details below

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