

# LED Linear T8 Tube

Cat No.	Description	Length	Lumens	Wattage	Colour temp	Equivalent wattage
LT82N10W10	Natural	2ft/600mm	1000	10W	4000K	16W
LT82C10W10	Cool	2ft/600mm	1000	10W	6500K	16W
LT82N14W14	Natural	2ft/600mm	1400	14W	4000K	18W
LT82C14W14	Cool	2ft/600mm	1400	14W	6500K	18W
LT84N18W18	Natural	4ft/1200mm	1000	18W	4000K	30W
LT84C18W18	Cool	4ft/1200mm	1000	18W	6500K	30W
LT84N24W24	Natural	4ft/1200mm	1400	24W	4000K	36W
LT84C24W24	Cool	4ft/1200mm	1400	24W	6500K	36W
LT85N24W24	Natural	5ft/1500mm	2400	24W	4000K	36W
LT85C24W24	Cool	5ft/1500mm	2400	24W	6500K	36W
LT85N32W32	Natural	5ft/1500mm	3200	32W	4000K	45W
LT85C32W32	Cool	5ft/1500mm	3200	32W	6500K	45W
LT86N40W40	Natural	6ft/1800mm	4000	40W	4000K	70W
LT86C40W40	Cool	6ft/1800mm	4000	40W	6500K	70W

## BEFORE COMMENCING ANY WORK

- To comply with UK regulations, installation must be carried out by qualified electrician and in accordance with the current IEE Wiring Regulations (BS7671) and Building Regulations.
- Ensure electrical supply is disconnected/isolated before commencing installation
- Ensure the product has been delivered un-damaged, and all parts are present.
- This product is not compatible with existing dimmers and emergency circuits
- The safety requirements of an existing light fitting, when modified, are the responsibility of conversion contractor
- The converted fitting needs new labels to identify, in a suitably visible position near to incoming main lamp holders, to any future re-lamping contractor that the fitting cannot now accommodate traditional fluorescent lamps
- This information is for guidance purposes only, Luceco accepts no liability for any work undertaken to the luminaire, or any direct, indirect and/or incidental damages if installation is not performed according to this guide

**4000K**  
NATURAL  
COOL

**6500K**  
COOL  
DAYLIGHT

**POWER FACTOR**  
**>0.9**

**30,000**  
HOURS

**CAP TYPE**  
G13

**≥15,000**

**BEAM ANGLE**  
**190°**

**CRI**  
**>80**

**3 year**  
standard  
GUARANTEE

## Instructions

- Disconnect from the mains power source.
- Make sure you are working with a standard fluorescent light fitting.
- Remove and dispose of existing lamp and starter (dispose of according to local bylaws).
- If the ballast is electronic, cut the wires as close to it as possible, either remove it or leave it disconnected, connect the wires in order to bypass it. If there's a starter, remove and replace it. (See figure A)
  - If the ballast is magnetic leave it as it is but remove and replace the starter. (See figure B)
  - For more than one tube connect in parallel (see figure C)
- Check if the lamp holders are suitable (replacing if required)
- Attach supplied label in a prominent place, this states that the product has been converted.
- Remove the LED tube from its packaging, make sure it's suitable and check for any damages. Insert the LED tube and dummy starter.
- Reinstall any covers.
- Reconnect to the mains supply and check for correct operation.

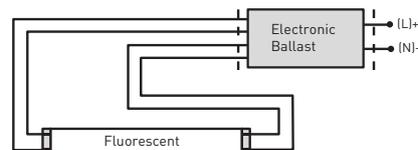


Figure A

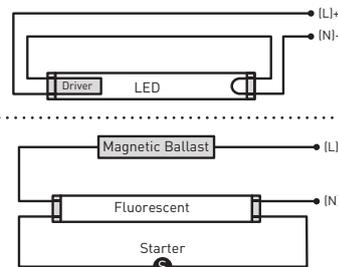


Figure B

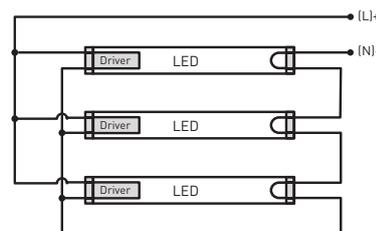
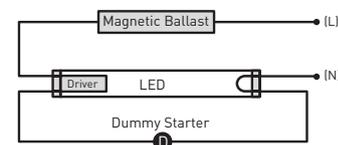


Figure C

IP20 RATED

CE

230V  
50Hz

LED

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✗

Tech Help Line

UK - **0845 194 7584**

Non UK - **+44 (0)1952 238 100**

Supplied by Nexus Industries Ltd

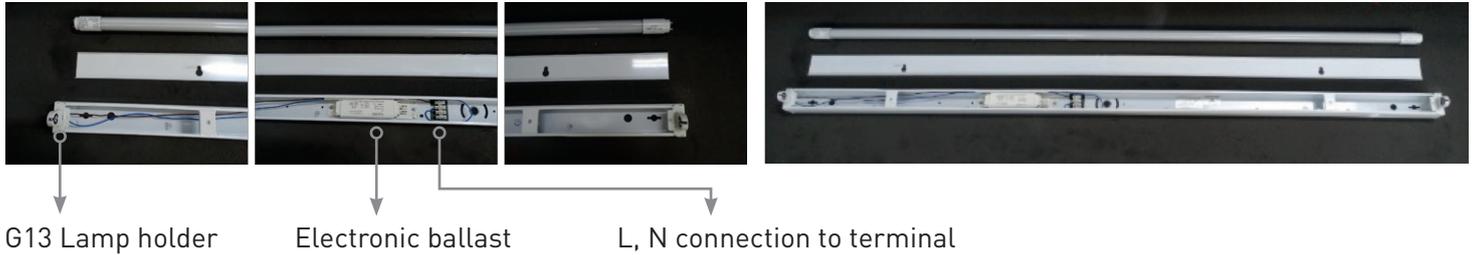
Nexus Distribution Centre, Stafford Park 1  
Telford, Shropshire, TF3 3BD

Visit our website at

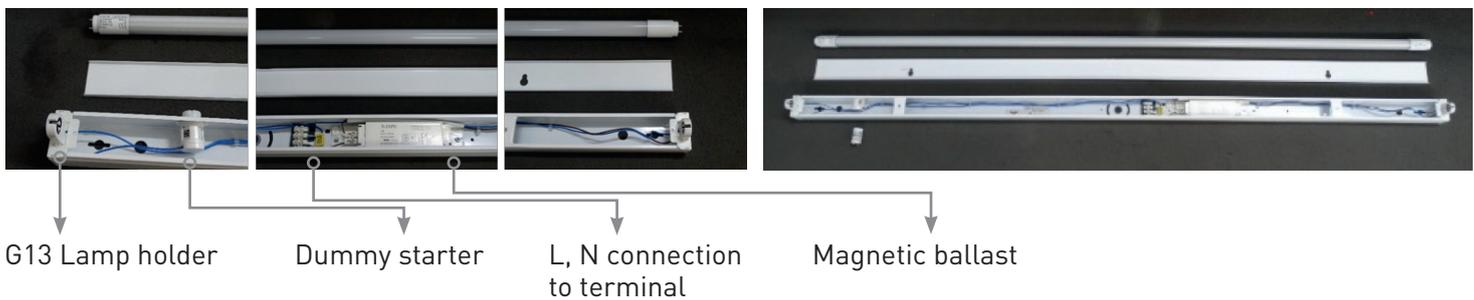
**www.luceco.uk**

## Direct Wiring

Direct wiring for luminaire with electronic ballast: ballast bypassed



Direct wiring for luminaire with magnetic ballast : starter replaced with dummy ( as supplied )



**IMPORTANT:** make sure to modify the wiring completely, otherwise may lead to damage

Applicable Example label:

### LED TUBE ONLY

This fixture has been modified for use only with LED tubes and can no longer operate the original, standard fluorescent lamp/lamps. Only Luceco T8 LED Tube with same specification can be used in this luminaire.