

ENSA™

Energy Saving Devices

T8 LED TUBE LIGHTING

Part Numbers: LEDTU10W / LEDTU20W



Overview

LED tube lighting saves energy by being more efficient than the fluorescent tube lights that it replaces.

Fluorescent tube dual-batten installations can consume up to 90W. A similar LED tube lighting installation can reduce energy consumption by up to 65%.

LED tubes are sustainable alternative to fluorescent tube lights, having a longer lifespan and reducing carbon emissions.

LED tubes can be retrofitted to existing fluorescent tube lighting installations. LED tube lighting is perfect for office spaces, retail lighting, shop fronts, warehouses, garages and in the home.

Features

- Reduce energy consumption by up to 65%.
- Cool light reduces the ambient temperature.
- Energy saving and environmentally friendly.
- No UV or IR radiation.
- No warm up: LED lights are at maximum intensity only seconds after they are switched on.
- Powered from single end of LED tube.
- Reduce carbon emissions.

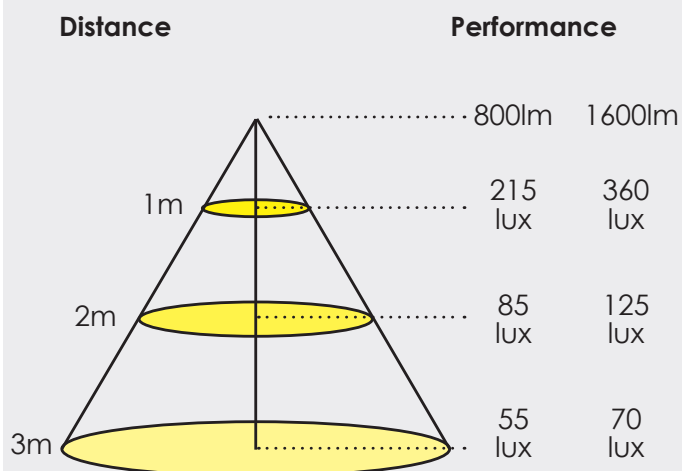
Specifications

For LEDTU10W and LEDTU20W

Model Number	LEDTU10W	LEDTU20W
Input Voltage	100-240V AC 50/60Hz	
Power Consumption (full)	10W	20W
Luminous Flux (full)	800 lm	1600 lm
Colour Rendering Index	> 60	
Colour Temperature	5000K	
Operational Temperature	-20°C ~ 40°C	
Beam Angle	120°	
Socket Base	G13	
Cover	Frosted	
Dimensions	Ø25.8 x 580 (mm)	Ø25.8 x 1198 (mm)
Net. Weight	0.20kg	0.40kg

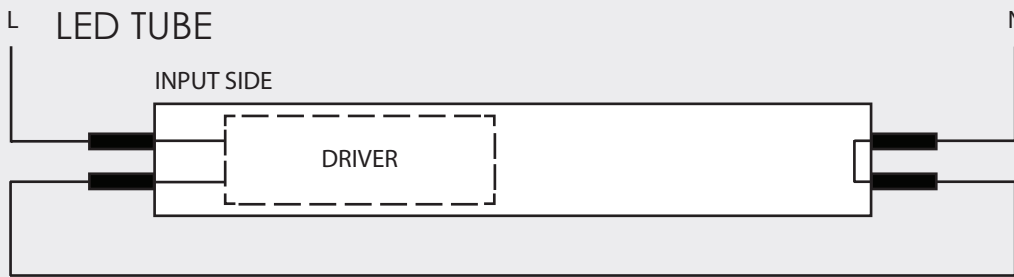
LUX Performance

Straight-down Illumination Distribution
For LEDTU10W (800lm) and LEDTU20W (1600lm)



Installation Methods

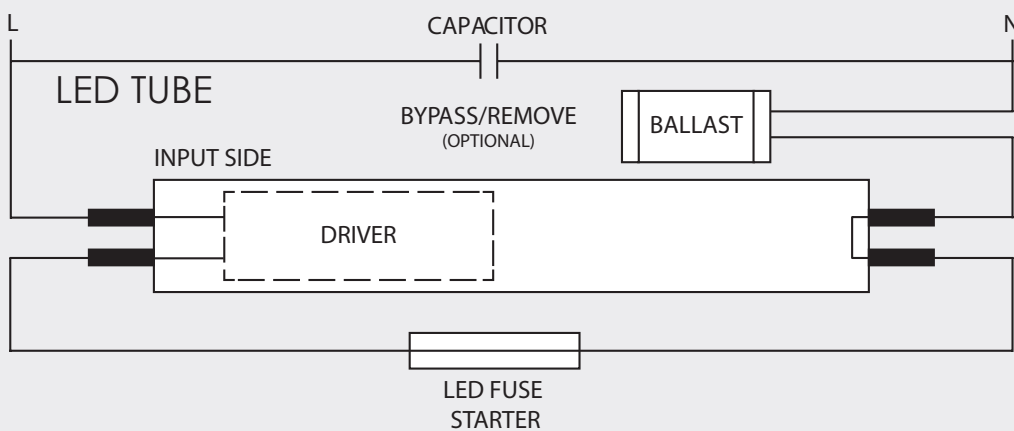
Installation Method 1 - New Installation



Notes

- To avoid potentially damaging short circuit, wire as per the diagram left.

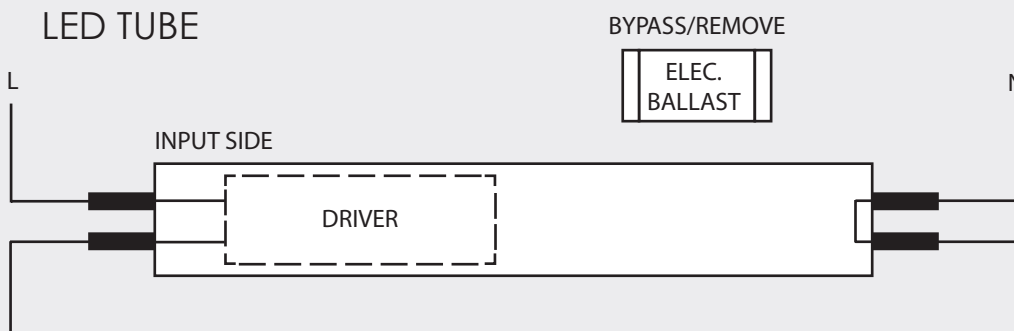
Installation Method 2 - Magnetic Ballast Retrofit Installation



Notes

- Bypassing/removing the magnetic ballast and capacitor will increase energy savings and assist with power factor.
- Starter must be changed to LED fuse starter.

Installation Method 3 - Electronic Ballast Retrofit Installation



Notes

- The electronic ballast **MUST** be removed or bypassed.