



T8 20W LED Tube Light (1200mm)

Model: LEDTU20WXK



Product Overview

ENSA LED tubes are a sustainable alternative to fluorescent tube lights. A conventional fluorescent tube dual-batten installation can consume up to 90W, when including ballasts. When replaced with the ENSA range of LED tube lights, energy consumption can be reduced by as much as 65% for equivalent light output.

ENSA LED tubes also do not emit UV or IR radiation; contain no mercury or other heavy metals; and have a far longer lifespan than their fluorescent counterparts.

The LEDTU20WXK is a fully polycarbonate body LED tube light and features an internal, non-isolated LED driver, greatly reducing complexity and increasing long term reliability. With good colour rendering and a cool white colour temperature of 5500K, the LEDTU20WXK is designed to replicate the light of a standard fluorescent tube.

The LEDTU20WXK light can be retrofitted to existing fluorescent tube installations, even those that have magnetic or electronic ballasts. They are ideal for office spaces, retail lighting, shop fronts, warehouses, garages, in homes and more.

Specifications

Model: LEDTU20WXK		
Optical	Luminous Flux	2100 lumens
	Luminous Efficiency	> 100 lm/W
	Colour Temperature	5500K (LEDTU20W5K)
	Colour Rendering Index	> 80
	Beam Angle	240°
	Light Decay	<15% at 20,000 hours
	Rated Lifespan	50,000 hours
Electrical	LED Power Consumption	20W
	Input Voltage	85-265VAC (50-60Hz)
	Power Factor	> 0.9
	Dimmable	No
	Motion Detection	N/A
General	Ingress Protection	IP20
	Plug / Socket / Base	T8 standard bi-pin
	Reflector / Diffuser	Frosted polycarbonate diffuser
	Housing Adjustments	N/A
	Operating Environment	-20° ~ 50°C / Max. RH 90%
	Dimensions	Ø25.8 x 1198mm (4ft)

Compliance & Certification



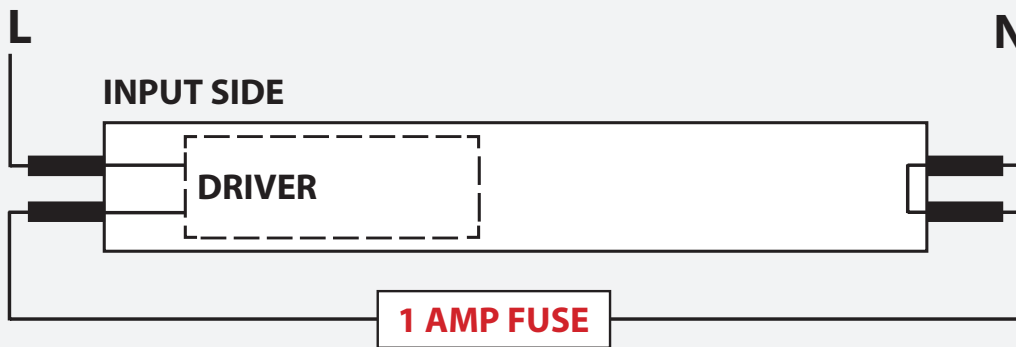
Your ENSA LED lighting dealer:

Please note that this guide applies only to fluorescent light fixtures fitted with standard **Magnetic Ballasts**. Installation in lighting fixtures using **Electronic Ballasts** or non-standard magnetic ballasts will require rewiring by a qualified electrician.

- Step 1** Turn off power at the light switch and leave the light off for at least 10 minutes to cool down.
- Step 2** Remove the fluorescent tube and fluorescent starter from the light fixture, disposing of them accordingly.
- Step 3** Replace the fluorescent starter with the included "LED STARTER" fuse included with the LED tube light.
- Step 4** Fit the new LED tube light into the light fixture and turn on the light switch to test.

Wiring diagrams below are a reference only. Installation by a qualified electrician is recommended.

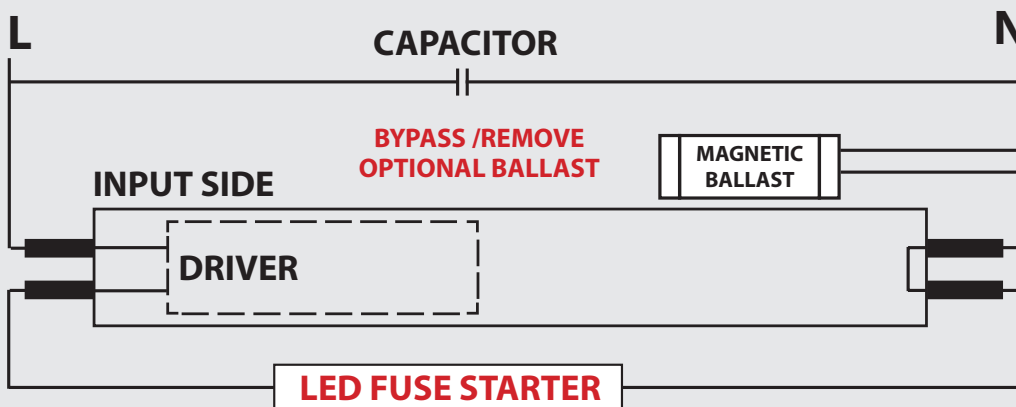
1. New Installation



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

- FOR SAFETY: You **MUST** add 1A Fuse as per the diagram.

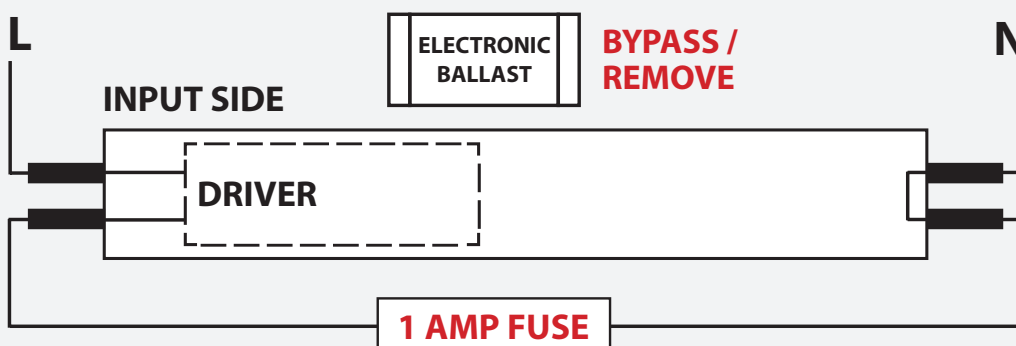
2. Magnetic Ballast Installation



- Bypass/removal of ballast & capacitor improves efficiency & power factor.

- Starter **MUST** be changed to LED fuse starter as per diagram.

3. Electronic Ballast Installation



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

- FOR SAFETY: You **MUST** add 1A Fuse as per the diagram.