

GRACE LED LIGHTING TECH LIMITED

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DATASHEET for T8 3528 LED TUBE



Special Features:



1. Adopted High brightness Epistar 3528SMD LEDs. (70%-80% Energy-saving over fluorescent tubes)
2. Build-in Zener Diodes.(If one led fail, the remaining LEDs will still work)
3. Build-in High Efficiency driver, Power factor can be above 0.95.
4. Standard Length 60cm, 120cm and 150cm.
5. Wide voltage input 85-265V AC.
6. Work without ballast, Instant soft-start.
7. No RF interference, No flickering and buzzing.
8. No Mercury and other hazardous materials, fully RoHS compliance.
9. Frosted and Clear cover are available. (Frosted cover, never see LEDs, good for eyes)
10. High Shock/vibration resistant(not easy to be broken)
11. 3 years warranty time.(Working hours can be up to 50,000 hrs)

Application:



- 1, Office building, Shops, Shopping mall, Supermarket;
- 2, School, Hospital, Exhibition hall;
- 3, Warehouse market lighting;

Technical Parameter:

Item no.	Size	Color temperature	Type of LEDs	LEDs quantity	Input Voltage	Power	Lumen	Driver	Picture
3528SMD LEDs									
GL-T8-3528-F2-9W	600X26mm	Warm white:3000K Natural white:4500K Pure white:6000K	SMD3528	144pcs	AC85-265V	9W	850LM	Build-in constant current driver, PF>0.9	
GL-T8-3528-F4-15W	1200X26mm	Warm white:3000K Natural white:4500K Pure white:6000K	SMD3528	240pcs	AC85-265V	15W	1480LM	Build-in constant current driver, PF>0.9	
GL-T8-3528-F4-18W	1200X26mm	Warm white:3000K Natural white:4500K Pure white:6000K	SMD3528	288pcs	AC85-265V	18W	1700LM	Build-in constant current driver, PF>0.9	
GL-T8-3528-F5-25W	1500X26mm	Warm white:3000K Natural white:4500K Pure white:6000K	SMD3528	360pcs	AC85-265V	25W	2150LM	Build-in constant current driver, PF>0.9	

Caution & Warning

1. LED Tube and all of its components must not be subjected to mechanical stress.
2. The complete installation must be done by an electrical expert who is familiar with the valid directives.
3. If any doubt about the installation or use of this products, consult a competent electrician.
4. Don't use it if aluminium of the tube has any damage or distortion. Otherwise, the product or the installation might not be sufficiently safe.
5. Switch off power of the mains supply or respectively of the connection lead before doing any works.
6. Assembly must not damage or destroy conducting paths.
7. Make sure that the product is mounted on a stable even and tilt-fixed background.
8. Keep away from direct sunshine and high temperature.
9. Indoor use only.

Installation Guide for T8 LED Tube

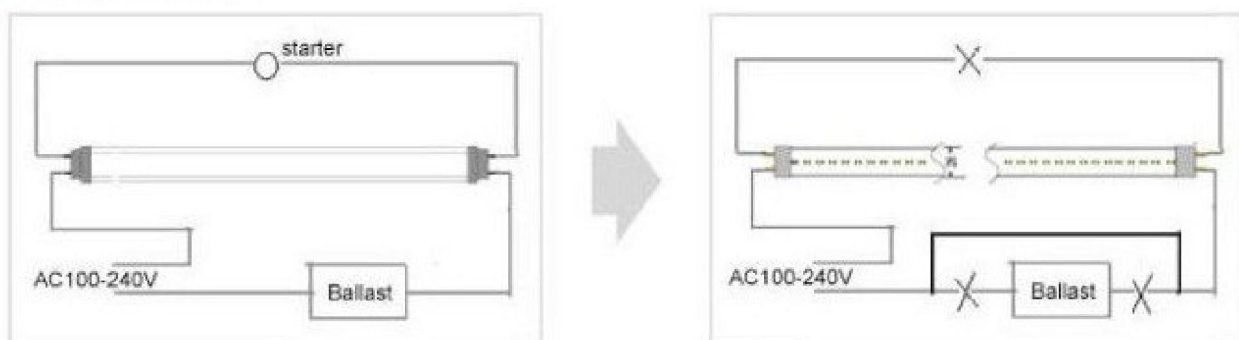
Precaution: Switch off power before doing any works.

Step 1: Switch off the power before installation.

Step 2: Open the lamp holder, cut off the wire at point " X " on the drawing

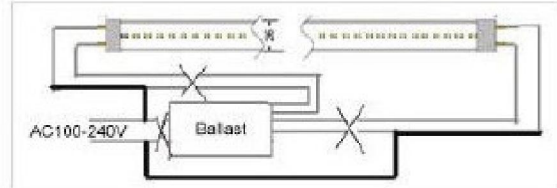
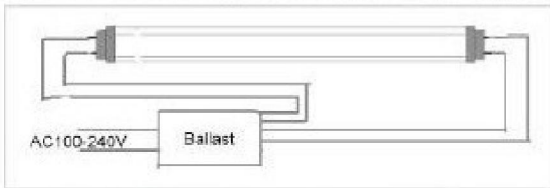
Step 3: Connect the wire without the starter and ballast, like the bold line on the drawing.

(1)Magnetic ballast :

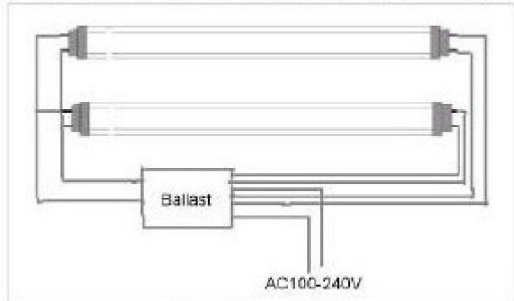


(2)Electronic ballast:

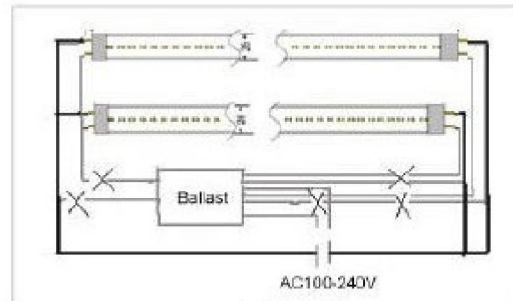
Electronic ballast wire installation 【1 carry 1】



Electronic ballast wire installation 【1 carry 2】

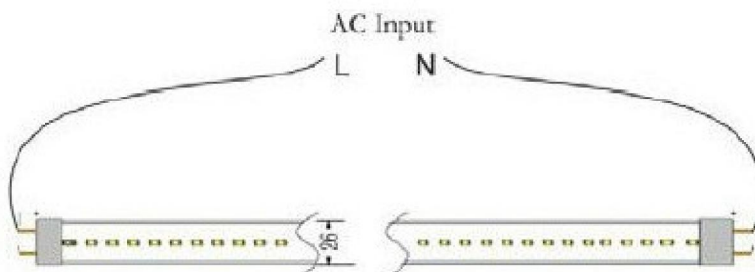


Fluorescent tube



LED tube

(3)Without ballast and starter,connect it directly with the Voltage AC100-240V:



Packing



Length	Q'ty/Ctn	GW/PCS (G)	Ctn Size (MM)	G.W. / Ctn (KG)	Q'ty for 20" Container
600MM	25pcs	175	670*220*210	8.5	21,000 pcs
1200MM	25pcs	320	1270*220*210	15	10500pcs
1500MM	25pcs	450	1570*220*210	23	85,00pcs