

ET8 series LED tube (to replace T8 fluorescent tube)

E-Tube is an upgraded version CFL tube replacement with LED. It has the best configuration of brightness and light efficiency.

E-tube™ is designed to replace medium bi-pin T8 and T12 fluorescent tubes. E-tube™ fits directly into most fluorescent fixtures providing a simple upgrade to high quality LED lighting. E-tube™ is optimized to provide light outputs comparable to fluorescent and delivers the immediate benefits of white-LED lighting; long lifetimes, no maintenance, high efficiency, no mercury, no recycling, no flickering, no buzzing, instant start, cold temperature operation, and high quality light. It provides energy savings of up to 75% over fluorescent applications that require long hours with low occupancy rates such as stairwells, corridors, warehouses, and remote locations. The high quality E-tube™ replacement tube is constructed from extruded aluminum to provide a virtually unbreakable, vandal proof lighting solution.

Why our E-tube™?

- Much longer life than CFL tube: min. 10 years (suppose that light is on 8 hours per day)
- 70%~80% Energy-saving over Fluorescent tubes
- Solid State, high shock/vibration resistant
- Work without ballast, Instant soft-start
- No RF interference, No flickering or buzzing
- Quick and easy installation to minimize retrofit costs
- Minimum maintenance costs, Produce little Heat
- No Mercury and other hazardous materials, fully RoHS-compliant
- Continuous operation for white LEDs (10 years for other colors)
- Rated to operate from -4°F to 104°F [-20°C to 40°C], perfect for environments with extreme climates
- Epistar+Intermatix LED packaging solution, no patent trouble
- The newest design
- The best cost-effective
- Complete electricity isolation design, safety prove
- ETL certification .

clear cover



frosted cover



wave cover



Technical Parameters

- Standard length 60cm, 120cm and 150cm.
- Rated input voltage 100-240V AC, maximal input voltage 277V AC.
- PF (power factor) >0.9.
- 12V/24V DC available.
- Light efficiency > 75lm/W (clear and wave cover)

Applications



parking lot



residential



warehouse



signage



office



railway station



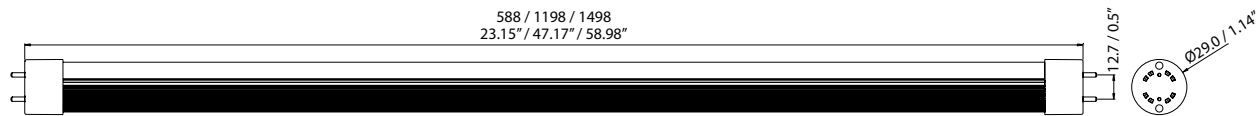
train



bus



Dimensions (Unit: mm/inch)



Specifications

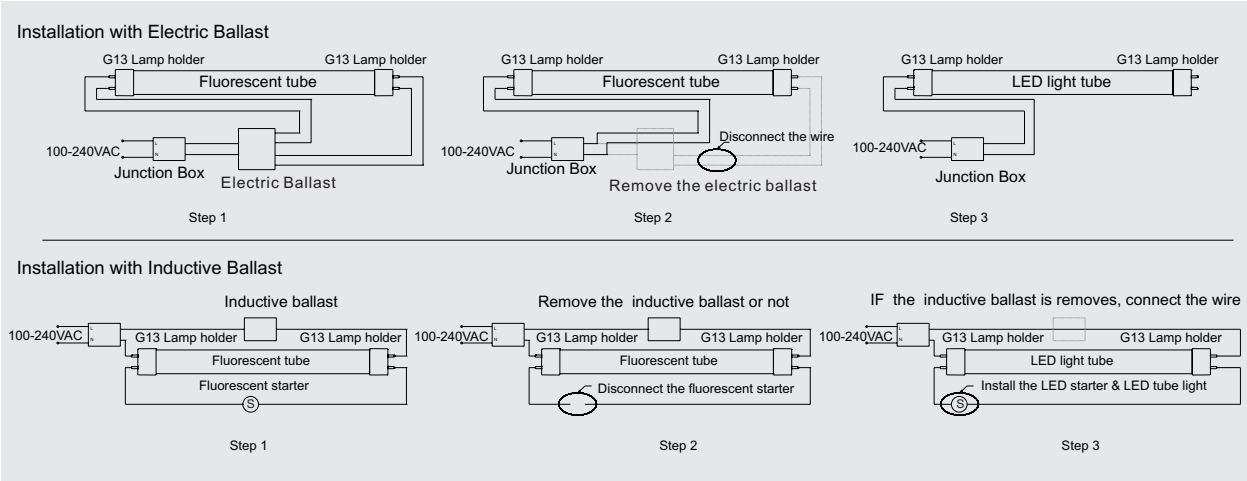
Type	Model number	Color	voltage	Length (cm)	Power (W)	Light output (lm)	LED Q'ty	PF
Clear cover	T8-010-AW-W-01C	White	AC100-240V 50/60Hz MAX.:277V (DC12/24V available)	60	10	898	96	≥0.91
	T8-010-AW-WW-01C	Warm white				858		
	T8-010-AW-NW-01C	Natural white				875		
	T8-018-AW-W-01C	White		120	18	1862	192	
	T8-018-AW-WW-01C	Warm white				1645		
	T8-018-AW-NW-01C	Natural white				1735		
	T8-024-AW-W-01C	White		150	24	2285	240	
	T8-024-AW-WW-01C	Warm white				2042		
	T8-024-AW-NW-01C	Natural white				2188		
Frosted cover	T8-010-AW-W-01F	White	AC100-240V 50/60Hz MAX.:277V (DC12/24V available)	60	10	748	96	≥0.91
	T8-010-AW-WW-01F	Warm white				701		
	T8-010-AW-NW-01F	Natural white				727		
	T8-018-AW-W-01F	White		120	18	1513	192	
	T8-018-AW-WW-01F	Warm white				1354		
	T8-018-AW-NW-01F	Natural white				1455		
	T8-024-AW-W-01F	White		150	24	1904	240	
	T8-024-AW-WW-01F	Warm white				1735		
	T8-024-AW-NW-01F	Natural white				1824		
Wave cover	T8-010-AW-W-01W	White	AC100-240V 50/60Hz MAX.:277V (DC12/24V available)	60	10	890	96	≥0.91
	T8-010-AW-WW-01W	Warm white				853		
	T8-010-AW-NW-01W	Natural white				872		
	T8-018-AW-W-01W	White		120	18	1807	192	
	T8-018-AW-WW-01W	Warm white				1614		
	T8-018-AW-NW-01W	Natural white				1728		
	T8-024-AW-W-01W	White		150	24	2202	240	
	T8-024-AW-WW-01W	Warm white				2005		
	T8-024-AW-NW-01W	Natural white				2113		

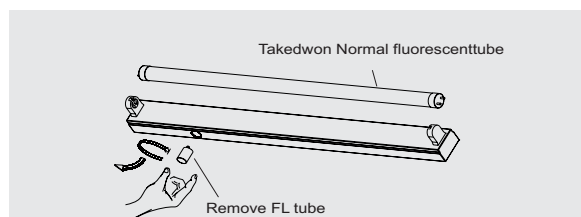
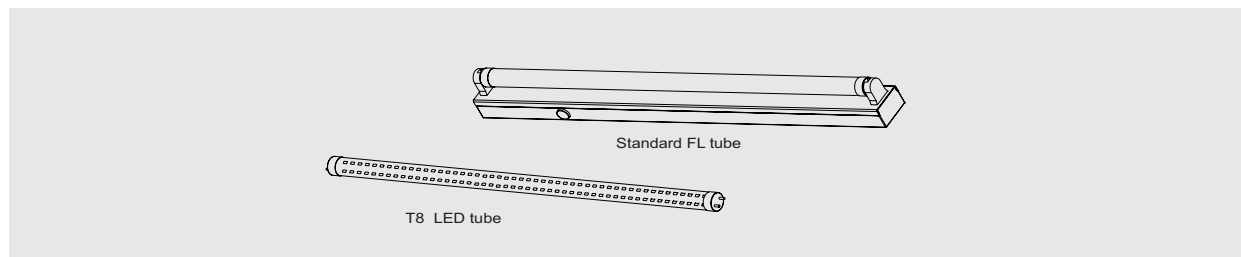
Absolute Maximum Rating

Parameter	Rating			Units
Aluminum Heat sink Temperature	54 (T8-10)	55 (T8-18)	67 (T8-24)	C
Operating Temperature	-20~+40			C
Storage Temperature	-40~+85			C
Equilibrium Temperature	46 (T8-10)	47 (T8-18)	52 (T8-24)	C

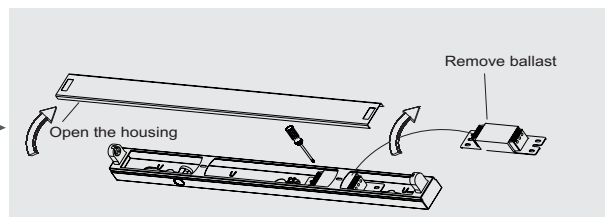
Installation Drawing

How to install LED Tube?

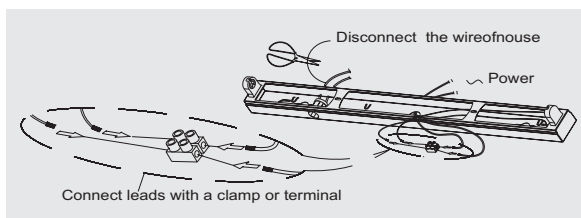




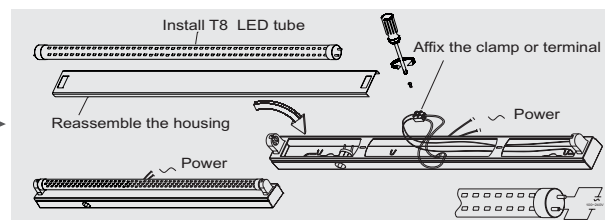
Step 1



Step 2



Step 3



Step 4



Notice

Installation information:

Power must be cut off before installation, fix it on the position of installation holes, connection of the power supply must be sealed.

1. Please read the specification first, to make sure the service environment matches the condition in the specification before using.
2. Please confirm the applicable power supply before using.
3. Make sure the switch of product is off before connect to the power supply to prevent electric shock.
4. Operation against rules may damage your property even harm to your personal safety.
5. Preliminarily estimate required quantity of LED lights, then according to the power rating of single flood light to figure out the total power and design power supply plan.
6. Dangerous high voltage, Non-professionals are not allowed to maintain the products.

If the exterior flexible cable or wire is damaged, it must exchange by the supplier, its agent or other similar qualified personnels to avoid dangers.