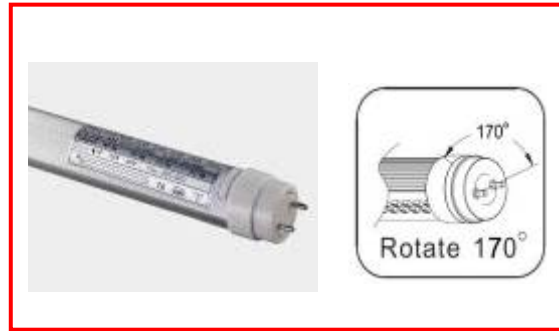


T8 LED TUBE

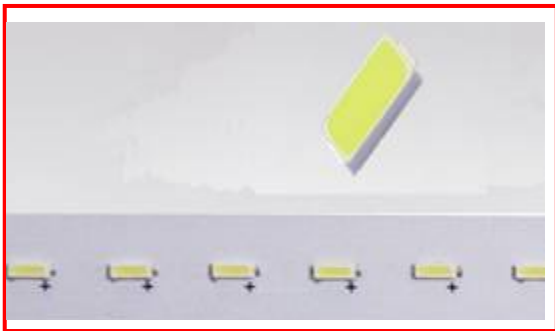
LATEST SMD T8 LED TUBE



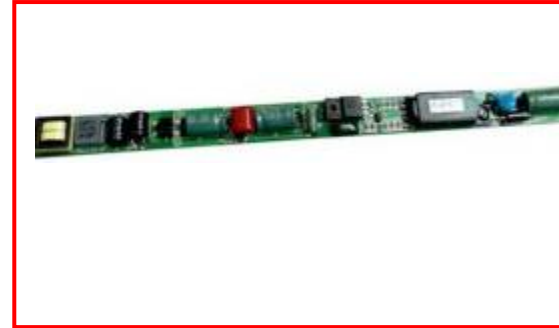
Features



1. Energy saving up to 70% than normal fluorescent lamp 2. Removable & Rotatable end-cap

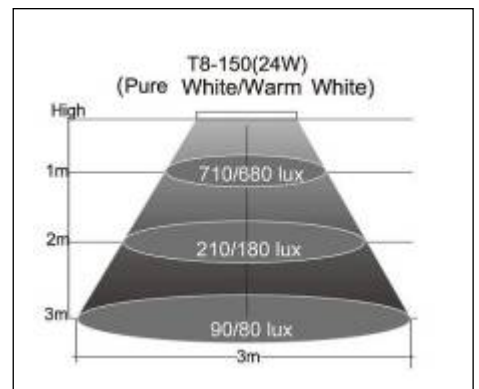
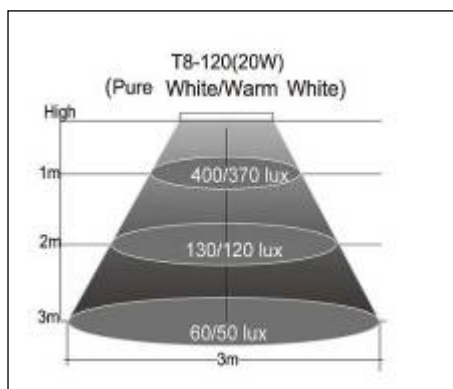
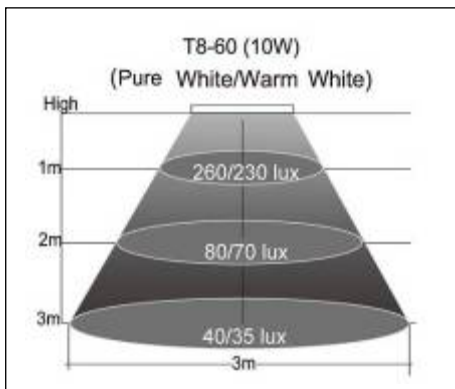


3. Special circuit design, each LED works separately, If one fails, it doesn't affect other LED's work. 4. Special structure design with excellent heat dissipation, 120 viewing angle

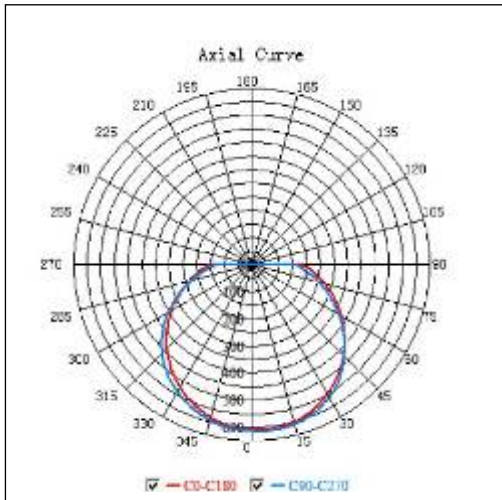


5. 50000 hours life span, 3 years' warranty 6. Isolated driver PF>0.9, driver efficiency>85%

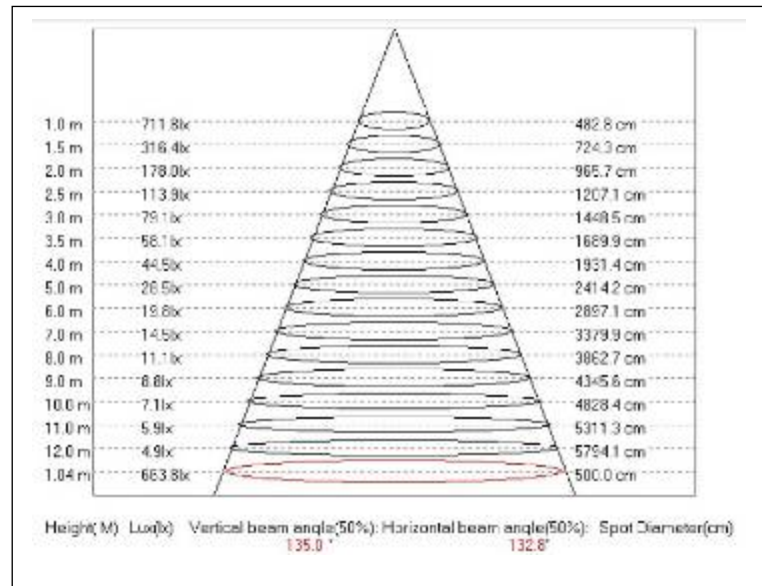
Illuminance



Optical properties

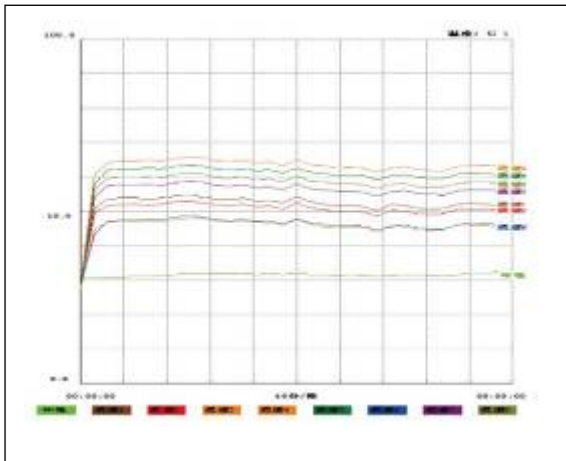


T8-24W-W/NW/WW-150



Temperature test

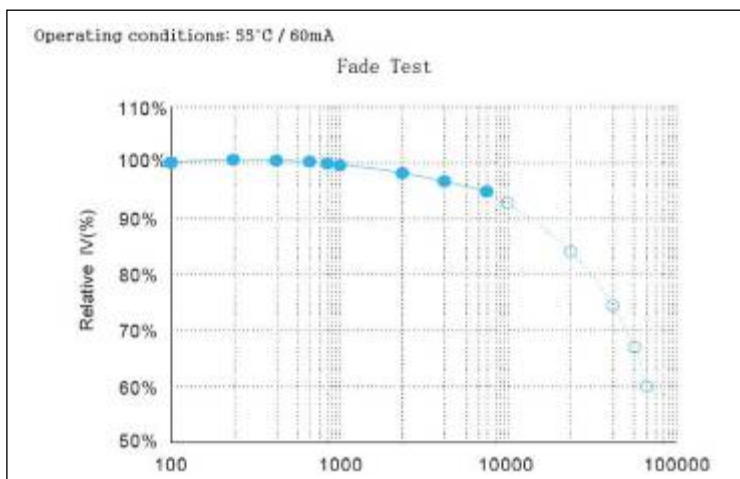
Product is working, each part of the temperature data TA=30 degrees, AC220V test voltage



NO.	TIME	CH 0	CH 1	CH 2	CH 3	CH 4	CH 5	CH 6	CH 7	CH 8
1	00:00	30.6°C	28.3°C	28.3°C	27.8°C	28°C	28°C	28.3°C	27.6°C	27.5°C
2	01:00	31°C	53.9°C	52.2°C	47°C	64.7°C	62.4°C	47.5°C	57.7°C	60°C
3	02:00	32°C	54.7°C	53°C	48°C	65.8°C	63.4°C	48.6°C	58.8°C	61.3°C
4	03:00	31.9°C	53.9°C	52.2°C	47.2°C	65.6°C	62.4°C	47.7°C	57.6°C	60°C
5	04:00	31.9°C	54.2°C	52.4°C	47.6°C	64.8°C	62.8°C	47.8°C	58°C	60.3°C
6	05:00	31.6°C	51.8°C	50.1°C	45.4°C	65.1°C	60.8°C	45.9°C	59°C	58.1°C
7	06:00	31.6°C	51.8°C	50.2°C	45.5°C	62.9°C	60.8°C	46.1°C	56.1°C	58.2°C
8	07:00	31.7°C	52.2°C	50.6°C	46.1°C	63°C	60.9°C	46.2°C	56.1°C	58.3°C
9	08:00	32.5°C	53°C	51.3°C	46.6°C	63.7°C	61.4°C	46.6°C	56.7°C	59°C

Note: channel 0 for environmental temperature channel 1 for LED lamp bead channel 2 for PCB
channel 3 for aluminum radiator shell channel 4 for MOSFET switch tube channel 5 for the
transformer channel 6 for output terminal capacity channel 7 for IC channel 8 for rectifier bridge

Lighting decay test



Test temperature is 50 degrees, the test current is 60mA, after 10000 hours, the light failure is 2%, led working current is 45mA, the highest work temperature of LED light source is 54.7 degrees.

Characteristics

Absolute Maximum Rating at TA=25°C

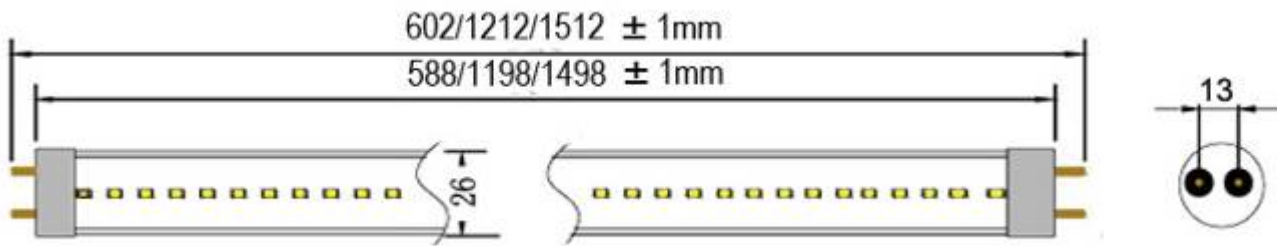
Parameter	Symbol	Absolute Maximum Rating (T8-10/20/24/28/40W -60/120/150/180/240)	Unit
Working Voltage	V	AC100-240V	V
Power Dissipation	PD	10 / 20 / 24/28/40	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-20~+50	°C
Storage Temperature	Tstg	-30~+60	°C

Electrical / Optical Characteristics at TA=25°C

Series	Part No.	Color	Lumen	Power	Light Efficiency	CRI(Typical)	Viewing Angle
HC	T8-10W-60	Pure white 5750K±250K	950lm±10%	10W	90-95lm/W	>80	120°
	T8-20W-120		1850lm±10%	20W	90-95lm/W	>80	120°
	T8-24W-150	Neutral white 4100K±100K	2250lm±10%	24W	90-95lm/W	>80	120°
	T8-28W-180	Warm white 2900K±100K	2750lm±10%	28W	90-95lm/W	>80	120°
	T8-40W-240		4000lm±10%	40W	90-95lm/W	>80	120°

Notes: Tolerance of measurement of luminous intensity±10%.

Drawing



Notes:

1. All dimension units are millimeter.
2. All dimension tolerance is ±1mm unless otherwise noted.

Installation

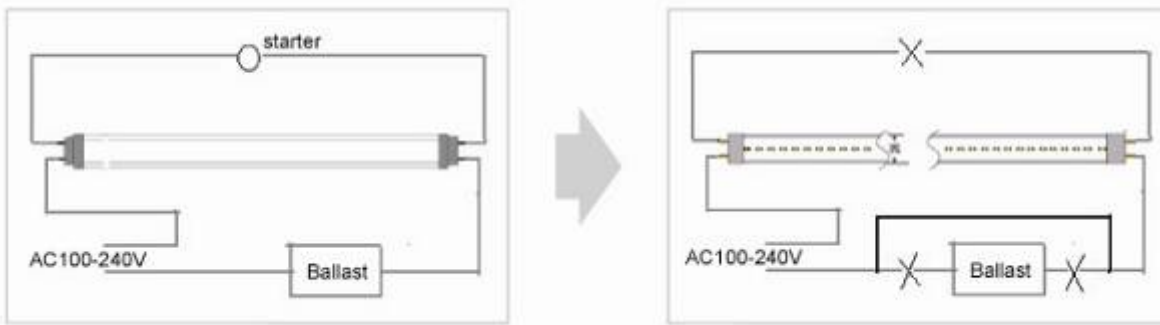
Precaution: Switch off power before doing any works.

Step 1: Switch off the power before installation.

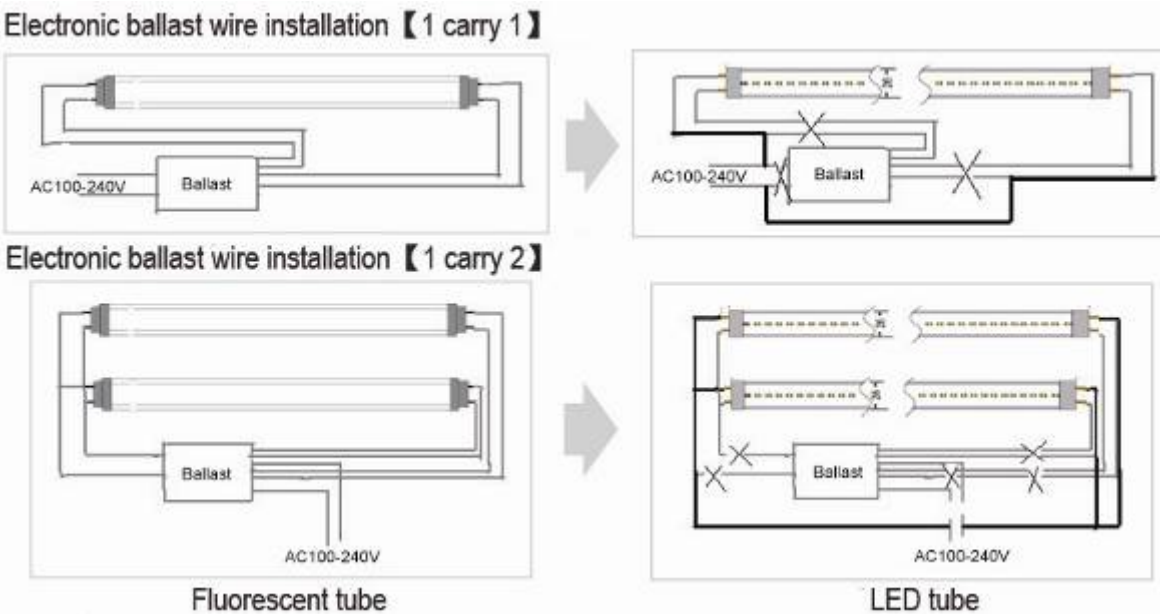
Step 2: Open the lamp holder, cut off the wire at point "X" on the drawing.

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

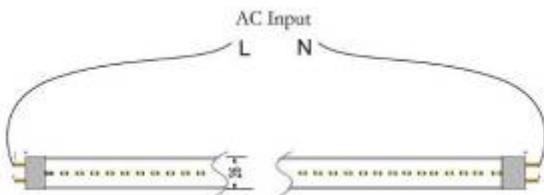
(1)Magnetic ballast



(2)Electronic ballast



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



Packing Information

Part No.	Package dimension	N.W.	G.W.
T8-10W-60	630X160X190mm , 20pcs/carton	0.21kg/PCS	6 kg/CTN

T8-20W -120	1230X160X190mm , 20pcs/carton	0.47kg/PCS	10.5 kg/CTN
T8-24W-150	1530X160X190mm , 20pcs/carton	0.54kg/PCS	12.5 kg/CTN
T8-28W-180	1870X160X190mm , 20pcs/carton	0.71kg/PCS	14.8kg/CTN
T8-40W-240	2470X160X190mm , 20pcs/carton	0.88kg/PCS	23kg/CTN



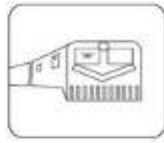
Application



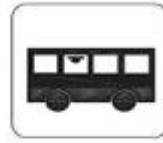
office



railway station



train



bus



parking lot



residential



warehouse



signage



Warning

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

