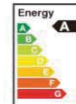


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LED T8 TUBE

NEWEST 4014 SMD T8 LED TUBE

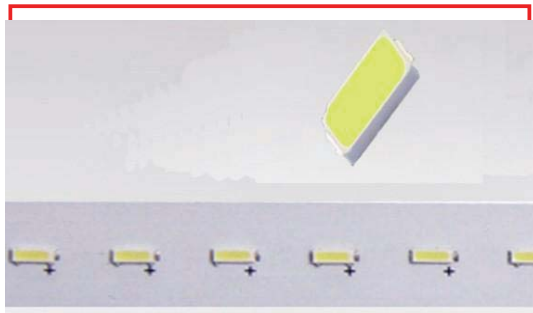


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Features



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



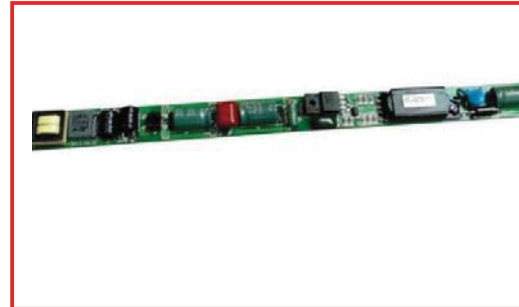
3. Special circuit design, each LED works separately, avoiding single LED fails to affect other LEDs



4. Special structure design with excellent heat dissipation, 120 viewing angle

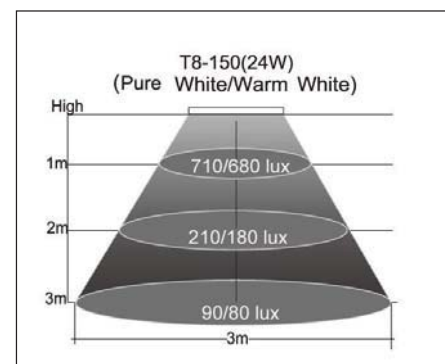
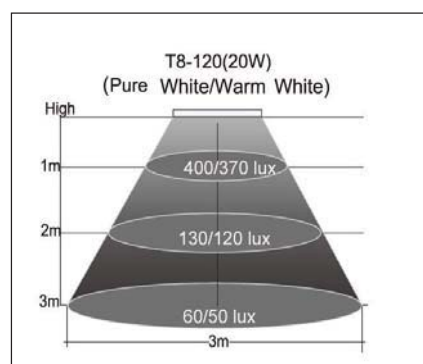
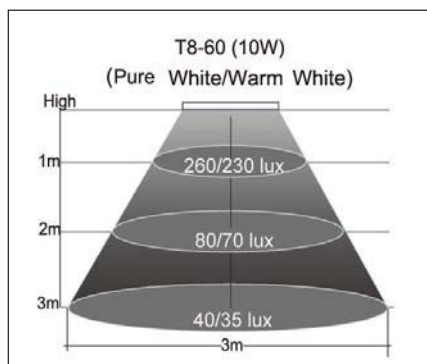


5. 50000 hours life span, 3 years' warranty



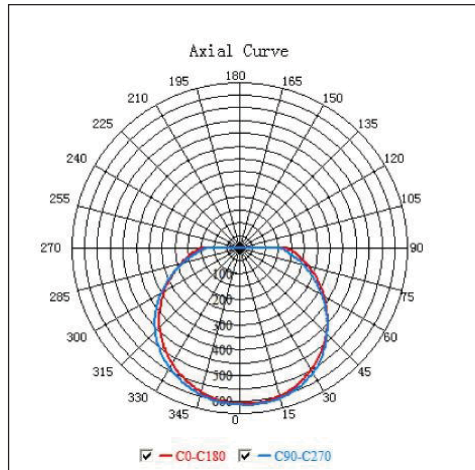
6. Isolated driver PF > 0.92, driver efficiency > 85%

Illuminance

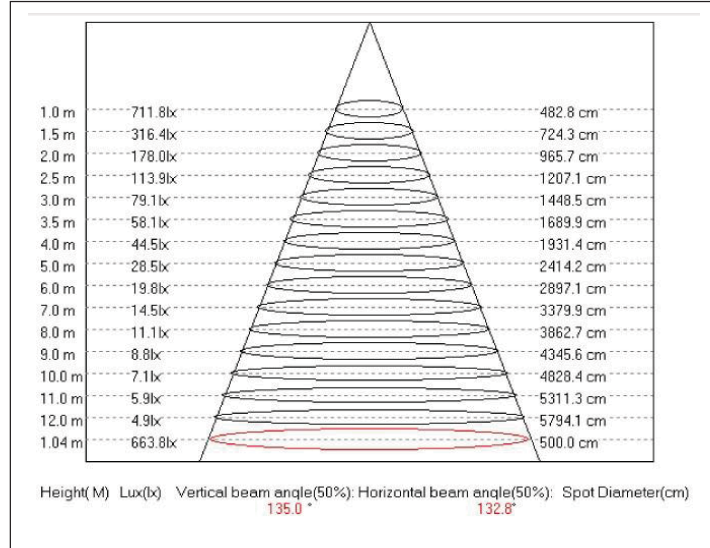


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Optical properties

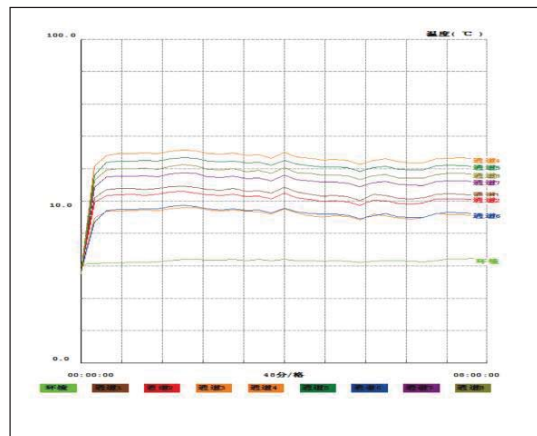


T8-24W-W/NW/WW-150



Temperature test

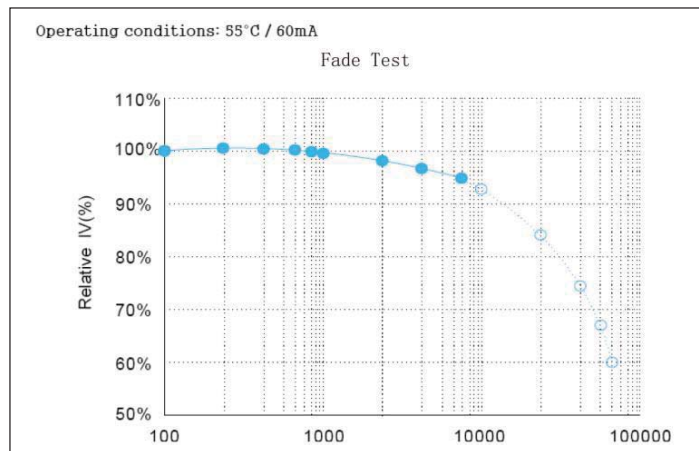
Product is working,each part of the temperature data TA=30 degrees, AC220V test voltage



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	62.6°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	60.6°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

Fade 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.

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Characteristics

Absolute Maximum Rating at TA=25°C

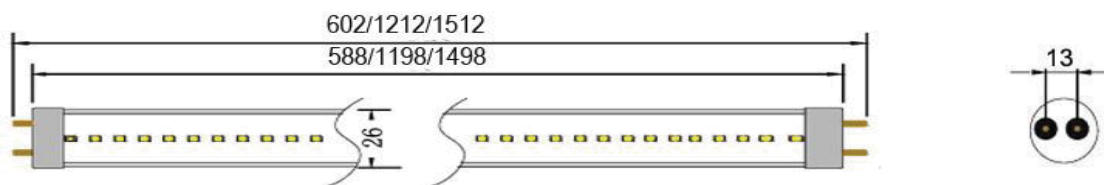
Parameter	Symbol	Absolute Maximum Rating (T8-10/20/24W-W/NW/WW-60/120/150)	Unit
Working Voltage	V	AC100-240V	V
Power Dissipation	PD	10 / 20 / 24	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-20~+50	°C
Storage Temperature	Tstg	-30~+60	°C

Electrical / Optical Characteristics at TA=25°C

Length	Part No.	Color	Color Temp.	Lumen	Power	CRI(Typical)	Viewing Angle
60cm	T8-10W-W-60	Pure white	5500-6500K	1085lm±10%	10W	>80	120°
	T8-10W-NW-60	Neutral White	4000-4500K	995lm±10%	10W	>80	120°
	T8-10W-WW-60	Warm white	3000-3500K	930lm±10%	10W	>80	120°
120cm	T8-20W-W-120	Pure white	5500-6500K	2150lm±10%	20W	>80	120°
	T8-20W-NW-120	Neutral White	4000-4500K	2070lm±10%	20W	>80	120°
	T8-20W-WW-120	Warm white	3000-3500K	1890lm±10%	20W	>80	120°
150cm	T8-24W-W-150	Pure white	5500-6500K	2550lm±10%	24W	>80	120°
	T8-24W-NW-150	Neutral White	4000-4500K	2470lm±10%	24W	>80	120°
	T8-24W-WW-150	Warm white	3000-3500K	2380lm±10%	24W	>80	120°

Notes: Tolerance of measurement of luminous intensity ±15%.

Drawing



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Notes:

1. All dimension units are millimeter.
2. All dimension tolerance is $\pm 1\text{mm}$ unless otherwise noted.

Installation

Precaution: Switch off power before doing any works.

one side connection drawing:



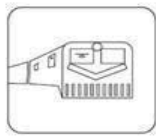
Application



office



railway station



train



bus



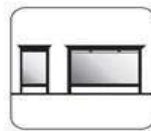
parking lot



residential



warehouse



signage



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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

