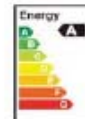


T8 LED Tube Light

Fluorescent Lighting Replacement



Why LED?

Diode Size and Efficiency

LED Diodes measure from 3 to 8 mm long and can be used singly or as part of an array. The small size and low profile of LEDs also allow them to be used in spaces that are too small for other lightbulbs. In addition, because LEDs give off light in a specific direction, they are more efficient in application than incandescent and fluorescent bulbs, which waste energy by emitting light in all directions.

Energy Savings

Typically a LED light source performs at 50-75% less than incandescent, halogen and other competing bulbs. This results in substantial savings in a building's monthly electrical operating cost. On average a LED light Investment is paid back in approximately 2-3 years...Thus providing 3-5 years in savings after the initial investment is recouped. Why would a owner, manager or lessee use anything else...LED is not only extremely cost effective but emits a clean pure light that has more aesthetic appeal.

Long Life

The life of a high-power white **LED Diode** is projected to be from **35,000 to 50,000 hours**, compared to 750 to 2,000 hours for an incandescent bulb, 8,000 to 10,000 hours for a compact fluorescent and 20,000 to 30,000 hours for a linear fluorescent bulb. LED lifetimes are rated differently than conventional lights, which go out when the filament breaks. Typical lifetime is defined as the average number of hours until light falls to 70 percent of initial brightness, in lumens. LEDs typically just fade gradually.

Lower Temperatures

Conventional lightbulbs waste most of their energy as heat. For example, an incandescent bulb gives off 90 percent of its energy as heat, while a compact fluorescent bulb wastes 80 percent as heat while LEDs remain cool. In addition, since they contain no glass components, they are not vulnerable to vibration or breakage like conventional bulbs. LEDs are thus better suited for use in areas like sports facilities and high-crime locations.

Quality LED Diodes

Poorly designed LED Diodes translate in to a less efficient light source. A high quality chip should provide stable light output over their projected lifetime. The light should be of excellent color, with a brightness at least as great as conventional light sources and efficiency at least as great as fluorescent lighting. The LEDs should also light up instantly when turned on and consume 0" power when turned off

LED Tube Features

Custom End-Cap Design

The design of a Removable / Rotatable End-Cap provides quick replacement of the inner-transformer, by gently pressing the switch on the end of the tube. Different from other tubes which have their end caps attached by glue. Our design enables customers to open the tube and replace the small inner-transformer if after some years' usage, there is need for change. Also the lighting angle is adjustable as well.

PC Covers

We offer both transparent and frosted covers on our Tube Lights. With the Frosted cover option, our LED Diodes are invisible when the light is turned on. The bulb's illumination is very even and the same as traditional fluorescent light. Result, a 100% perfect replacement.

Low LED Chip Failure

Our factory has spent a great deal of time in R&D developing a new technology that will make all LED Diodes in the tubes work independently. So if one LED fails, no impact to the other LED Chips. Most tubes in the market, are designed with at least 7 LEDs per series. So if 1 LED Chip doesn't work, all the other 6 LEDs or more will not work either. This will considerably lower the bulb's lumen output.

Quality LED Diodes

The LED chip we use is a high quality and larger size diode made by Epistar. a 10*23 chip. It can resist higher anti-static issues and distribute more even illumination.

Light Degradation

Our Tube Lights are performing consistently at a much higher level than bulbs in the past. Typical degradation is 30% over 1000 hours. We are experiencing a 3% loss in the same period which is at the very top of the performance guidelines..

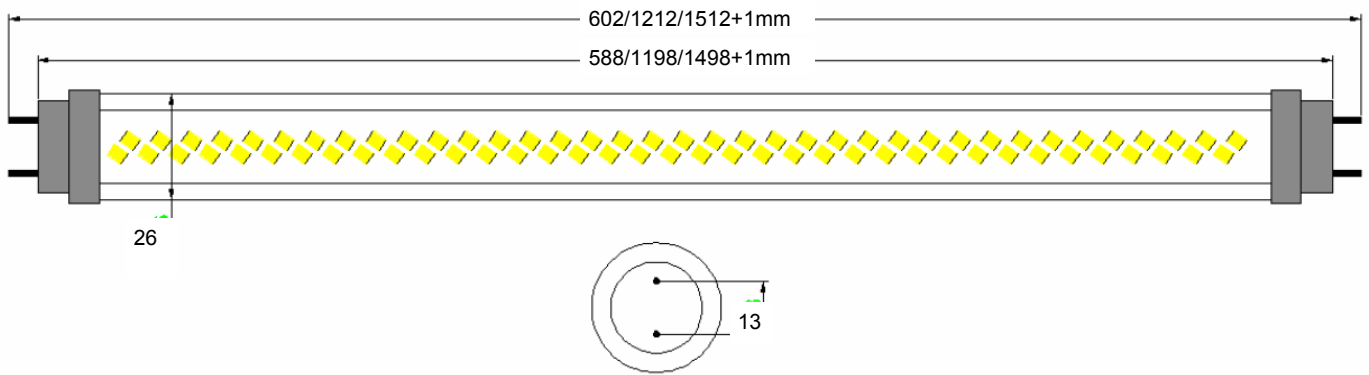
Durable & Robust

Our Tube Lights can light up to 10 years (7 years Avg) and comes with a 3 Year Guarantee . Our inner transformers are some of the best on the market today.

Safety and Performance.

Our transformers are double insulated and very secure, additionally we also offer a UL Certification on some bulbs. as well as Rohs Compliance. With the addition of CE, we have now passed through EMC and LVD tests, so you can utilize our Tube Lights in any indoor environment.

Drawing



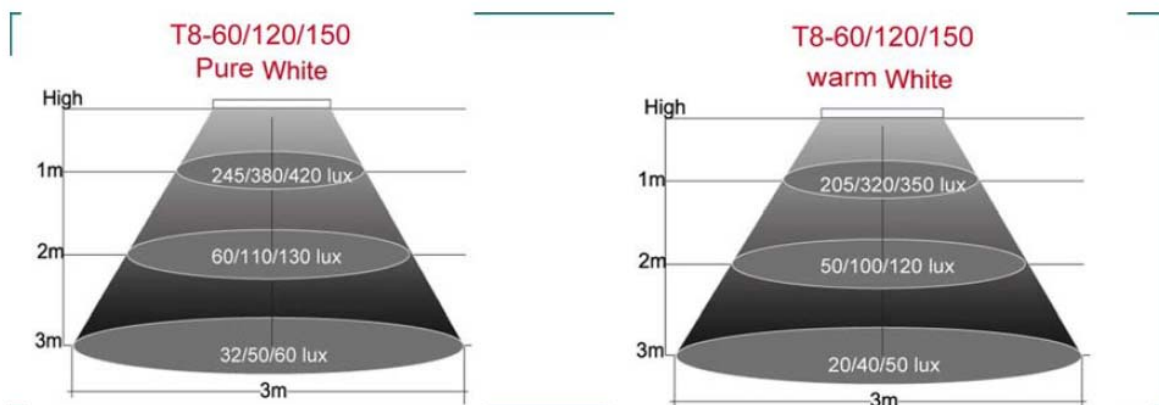
1. All dimension units are millimeters.
2. All dimension tolerance is ± 1 mm unless otherwise noted.

Application

- Widespread use in Family, School,
- Commercial Building, Tower, Hotel, Restaurant
- Pathway lighting, Street lighting
- Office, Showing Room, Meeting Room
- Factory, Production Line, Warehouse
- Subway station, bus and train



Illumination



Technical:

Maximum Rating at TA=25 Lumen Intensity +/- 15%

Parameter	Symbol	Absolute Maximum Rating (T8-N8W-60/120/150)	Unit
Working Voltage	V		
Power Dissipation	PD		
Electrostatic discharge	ESD		
Operating Temperature	Topr	-20+~50	°C
Storage Temperature	Tstg	-30+~60	°C

Electrical / Optical Characteristics at TA=25.

Blue Highlights are our Best Sellers “

Length	Part No.	Color	Color Temp.	Lumen	Power	CRI(Typical)	Viewing Angle
60cm	T001/T8-N8PW-60	Pure white	6000-6500K	810lm±10%	8W	78	120°
	T001/T8-N8NW-60	Neutral White	4000-4500K	750lm±10%	8W	78	120°
	T001/T8-N8WW-60	Warm white	3000-3500K	680lm±10%	8W	75	120°
	T002/T8-N8PW-60	Pure white	6000-6500K	1015lm±10%	10W	78	120°
	T002/T8-N8NW-60	Neutral White	4000-4500K	950lm±10%	10W	78	120°
	T002/T8-N8WW-60	Warm white	3000-3500K	890lm±10%	10W	75	120°
120cm	T004/T8-N8PW-120	Pure white	6000-6500K	1650lm±10%	16W	78	120°
	T004/T8-N8NW-120	Neutral White	4000-4500K	1600lm±10%	16W	78	120°
	T004/T8-N8WW-120	Warm white	3000-3500K	1450lm±10%	16W	75	120°
	T005/T8-N8PW-120	Pure white	6000-6500K	2050lm±10%	20W	78	120°
	T005/T8-N8NW-120	Neutral White	4000-4500K	1980lm±10%	20W	78	120°
	T005/T8-N8WW-120	Warm white	3000-3500K	1800lm±10%	20W	75	120°
150cm	T006/T8-N8PW-150	Pure white	6000-6500K	1875lm±10%	18W	78	120°
	T006/T8-N8NW-150	Neutral White	3000-3500K	1815lm±10%	18W	75	120°
	T006/T8-N8WW-150	Warm white	3000-3500K	1750lm±10%	18W	75	120°
	T007/T8-N8PW-150	Pure white	6000-6500K	2250lm±10%	22W	78	120°
	T007/T8-N8NW-150	Neutral White	4000-4500K	2170lm±10%	22W	78	120°
	T007/T8-N8WW-150	Warm white	3000-3500K	1900lm±10%	22W	75	120°

Installation (CE Standard)

Precaution: Switch Power Off before doing any Install..

Method A

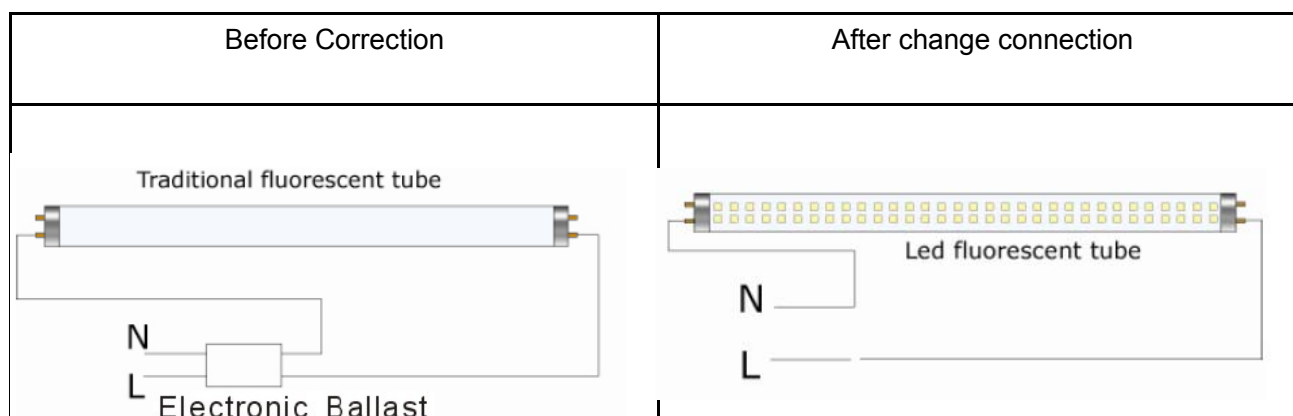
If lighting fixture's wire connection is a Inductor Ballast, Installation Details are below:

Step 1. Remove the traditional fluorescent tube from the lighting fixture.

Step 2. Take out the inductor ballast from the lighting fixture.

Step 3. After taking out the ballast, there will be two wires. One wire connects to the right side and another wire connects to the left side.

Step 4. Install **ViSiON LED's** Tube Light into lighting fixture.



Method B

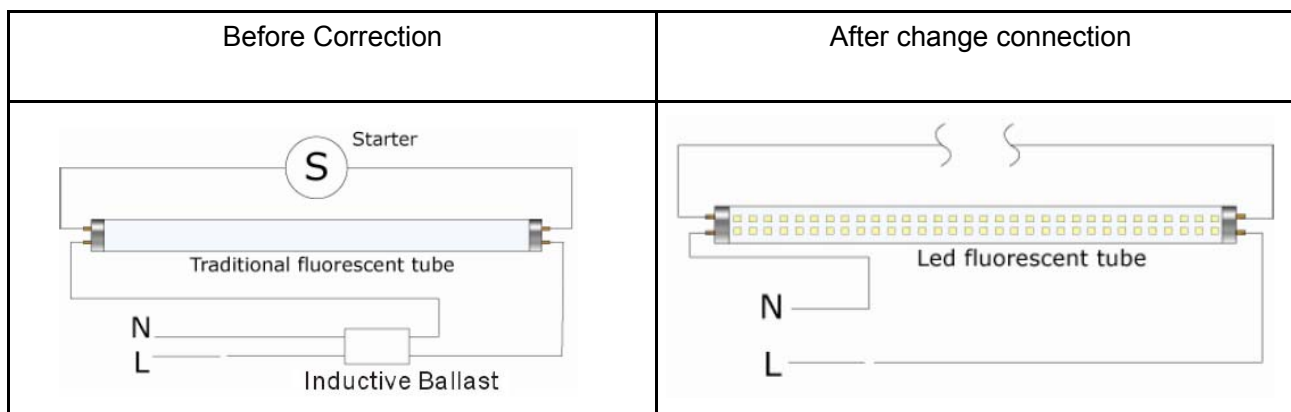
If lighting fixtures' connection is a Electronic Ballast, Installation Details are below

Step 1. Remove the traditional fluorescent tube from the lighting fixture.

Step 2. Take out the starter and electronic ballast from the lighting fixture.

Step 3. After taking out the ballast, there will be two wires. One wire connects to the right side and another wire connect to the left side.

Step 4. Install **ViSiON LED's** Tube Light into the lighting fixture.



Precaution:

- ◆ LED Tube Lights 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 correct install procedures.
- ◆ If there is any doubt about the installation or use of this product, consult a competent electrician
- ◆ Don't use it if the aluminum of the tube has any damage or distortion. Otherwise, the product or the installation might not be properly secure!
- ◆ Switch the Power Off on the main supply or disconnect the plug before beginning work.
- ◆ 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

Packing Information

Length	Outer Carton Size (L×W×H cm)	Qty/Carton Pcs	N.W (kg)	G.W (kg)
60cm	66*21*29.5	30	8	11
120cm	126.5*21*28	30	13	19
150cm	157*21*28	30	18	24



Safety Information

1. Please make sure to cut off the power before installation.
2. Please take care of water, electric shock and vibration.
3. Please use the panel with standard working voltage, any other voltage is not allowed.
4. Indoor use only.
5. Read directions carefully before using.



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