New Type Standard T8 Tube

Standard Tube is an upgraded version fluorescent tube replacement with LED. It has the best configuration of brightness and power efficiency.

Standard tube is designed to replace medium bi-pin T8 and T12 fluorescent tubes. Standard tube fits directly into most fluorescent fixtures providing a simple upgrade to high quality LED lighting. Standard 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 65% over fluorescent applications that require long hours with low occupancy rates such as stairwells, corridors, warehouses, and remote locations. The high quality Standard tube replacement tube is constructed from extruded aluminum to provide a virtually unbreakable, vandal proof lighting solution.

Why our Standard tube?

- Much longer life than fluorescent
- 50%~65% 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
- Rated to operate from -4°F to 104°F [-20°C to 40°C], perfect for environments with extreme climates
- Epistar+Intematix LED packaging solution, no patent trouble
- The newest design
- The best cost-effective
- Complete electricity isolation design, safety prove

Technical Parameters

- Standard length 60cm/120cm/150cm/180cm/240cm
- Rated input voltage 100-277V AC, 50/60Hz
  Power: 9W/18W/22W/28/34W
- PF (power factor) >0.92
- SMD2835 LED

Applications

- Parking lot
- Residential
- Warehouse
- Signage
- Office
- Railway station
- Bus

* * * *
**Dimensions**  
(Unit: mm/inch)

![Diagram of dimensions]

**Specifications**

S-tube has 4 kinds of end caps.

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<th>Type</th>
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<th>LED Type</th>
<th>LED Qty</th>
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LUMINAIRE PHOTOMETRIC TEST REPORT

T8-022-AW-W-01F (Frosted)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

CO PLANE ISOLUX DIAGRAM (UNIT: cd)

T8-022-AW-NW-01F (Frosted)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

CO PLANE ISOLUX DIAGRAM (UNIT: cd)

T8-022-AW-WW-01F (Frosted)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

CO PLANE ISOLUX DIAGRAM (UNIT: cd)
T8-022-AW-W-01C (Clear)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

T8-022-AW-NW-01C (Clear)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

T8-022-AW-WW-01C (Clear)

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM
Installation Drawing

How to install LED Tube?

1. Take down normal fluorescent tube
2. Cut out the wire of nouse
3. Connect lead wire by connector
4. Install T8 LED tube
5. Connect or be screwed down

Installation Inductive Ballast

1. Take down starter and do it without
2. Open the house cover
3. Install the LED starter & LED tube light

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. Preliminary 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.