



## LED Tube T8 IP65

### Features

**Energy-efficient:** Under the same glowing effect, LED tube light conserve 60%-90% energy than the traditional energy-saving lamp, efficiently reducing the electricity expenditure.

**Long lifespan:** LED tube adopts light emitting semiconductor chip, without filament. It is not effected by vibration, with more than 50000 hours lifespan.( the ordinary energy-saving lamp only has 8000 hours lifespan)

**Harmless light ray:** No ultraviolet ray and infrared ray, so no producing radiation.(there is ultraviolet ray and infrared ray in high voltage sodium lamp )

**Environmental protection:** No harmful elements, such as mercury, xenon etc. Be easily recycled and no electromagnetic interference. (there is harmful element in high voltage sodium lamp. the electronic ballast produces electromagnetic interference)

**Eyesight protection:** LED light employ DC driver with no flicker (ordinary lamp is AC driver with flicker )

**High lighting efficiency:** With small heat, and 80% of the electric energy translated into visible light.(80% of the electric energy of ordinary incandescent lamp translated into heat energy, and only 20% translated into luminous energy)

**High safety factor:** LED lighting need smaller voltage and electric current, producing smaller heat. So that there is no potential safety hazard, being suitable to mine field and other dangerous places.

**Anti-mosquito:** LED lighting producing no ultraviolet ray, so that it is good for remaining indoor clear because it doesn't attract mosquito like traditional fluorescent lamp.

**Convenience:** Traditional fluorescent lamp has to be replaced because of its short lifespan. LED lighting could save the cost associated with replacement or repairmen.



### Technical Data

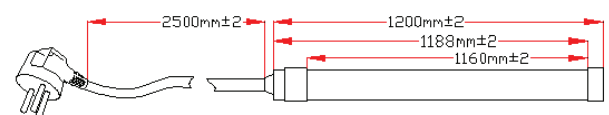
Product Code	ZL-18WT812M30KIP65	CCT: 3000K
Product Code	ZL-18WT812M40KIP65	CCT: 4000K
Product Code	ZL-18WT812M50KIP65	CCT: 5000K

Consumed Power	18W±1
Input Voltage	AC100-277V, 50/60Hz
PF	≥0.95
Efficiency	≥ 90%
Lumens	1800lm
CRI	Ra≥80
Beam Angle	160°
Lampshade	Milky cover
Lifespan	≥ 50,000 hours
Working Temperature	-35 ~ 55°C
Storage Temperature	-40 ~ 80°C
IP	IP65
Certificates	CE & RoHS



### Dimensions

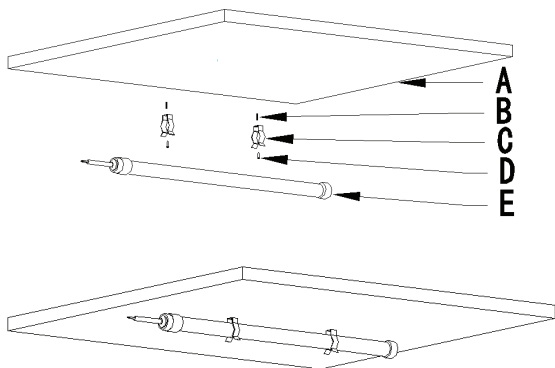
Connection wire length and with or without plug depend on customer's requirements  
(Wire length normally 1 meter)





## Installation

**A:** Ceiling **B:** Rubber plug **C:** Clamp **D:** Screw **E:** Lamp

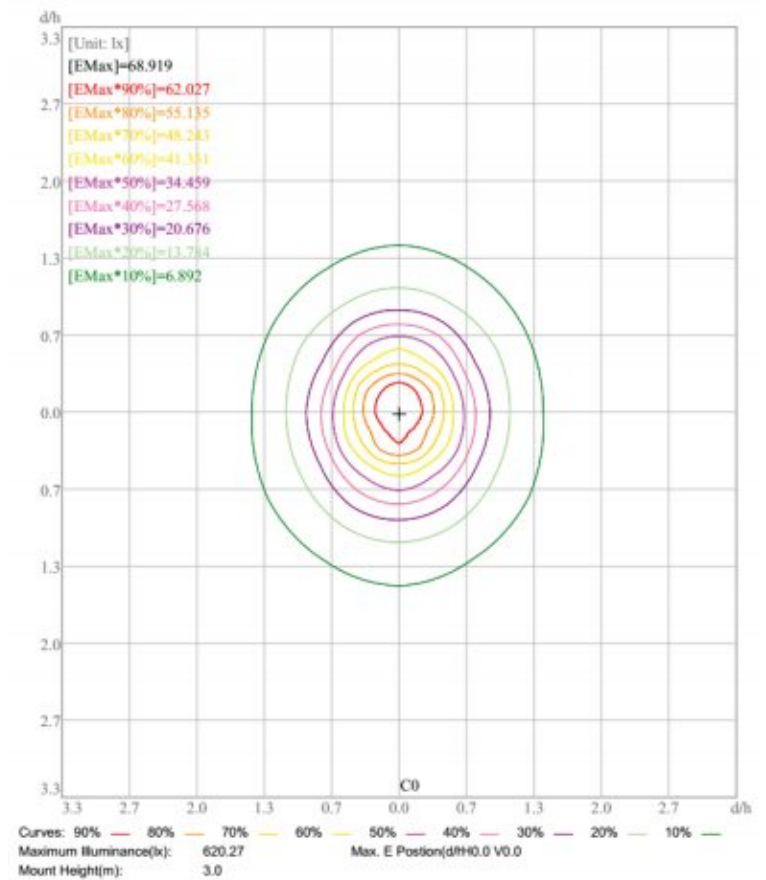


- 1- Rubber plug and screw is used to fix the clamp on the ceiling.
- 2- Fix the lamp on the clamp.
- 3- The lamp would work after power on

## Attentions

- The working voltage is AC100-277V. Ensure the voltage when connected the power supply. The light would be destroyed permanently if connected with higher voltage.
- After connecting with the power supply, no contact between the relative metal and the light base to prevent electric shock.
- After unwrapping the package or before using it, check whether it is destroyed due to transportation. If there is any damage, stop using it to inform supplier. The product only could be used under intact conditions.
- To ensure the product could be used normally, strictly follow the introduction and attention. The supplier shall not be responsible due to any of the damage caused by illegal operation.
- Don't connect the LED tube and power supply in the high temperature condition. The lifespan would be shorted when it is employed under the higher temperature. It is recommended that the product should be used in room temperature.

## Plane ISO Illuminance



- Before installing, ensure the environment is suitable and it is recommended that it should be installed on stable place in case of vibration.
- Due to the temperature of the lamp's surface could reach to 50°C, it is recommended that there is no devices which is sensitive to heat. To ensure the suitable working temperature, keep it from heat resources and be used in moderate environment.