

## IP65 Waterproof AC Driverless Dimmable LED T8 tube specification

**Item:** GNH-AC-T8

**Dimension(mm):** L600\* $\Phi$ 26;; L1200\* $\Phi$ 26

**Power:** 9W; 19W; 22W

**Date:** Jan 12th, 2015



## I. Product introduction

### Materials

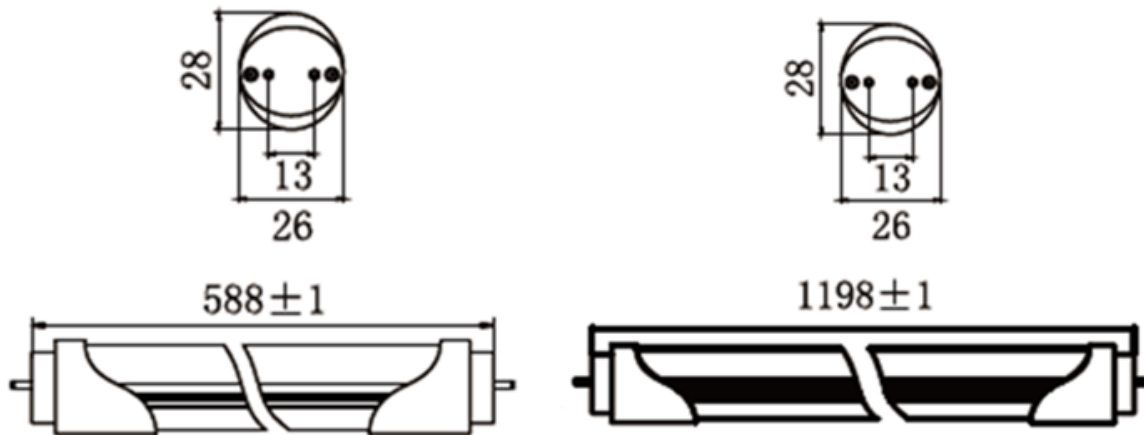
Our IP65 Waterproof T8 LED tubes use high quality SMD2835 LED light source and with full PC cover.

### Characteristics

1. **Energy saving.** LED tube light can save you more than 60% in energy cost compare to conventional tube.
2. **High luminous efficiency.** No light spot.
3. **Long life and environmental protection.** LED tube light uses LEDs with long lifetime more than 50,000 hours. It has no ultraviolet radiation. It offers full environmental protection. It has no hazardous materials like mercury or lead entering the environment.
4. **Compatible.** Can be compatible with the electronic rectifier and inductance rectifier and easy for lamp retrofit.
5. **Good heat dissipation.** Low temperature maintained by unique heat dissipation mechanism.
6. **High Power Factor.** PF will be 0.9-0.97, and will be safer.
7. High IP Grade: IP65 Waterproof.
8. **Special design.** It works without typical driver. These LEDs can be connected directly to normal power supplies(usually 240V at 50HZ).
9. **Healthy to eyes.** Instant start, no flickering, no humming. Aluminum isolation avoids EMC electronic wave disturbance.
10. **Variety of designs and constant innovation.** We manufacture standard and dimmable LED tubes, sound and movement activated dimmable LED tubes in different lengths.

## II. Specifications, parameters

### 1. Dimensional Drawing:



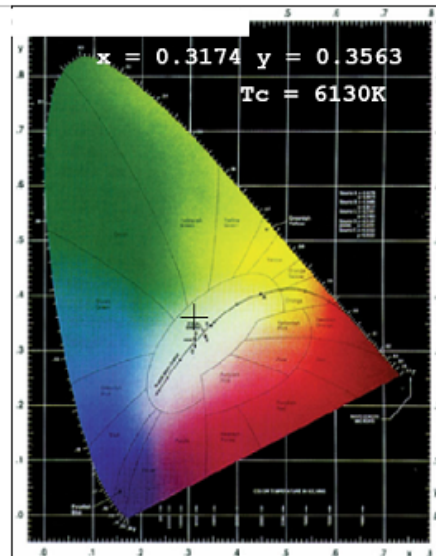
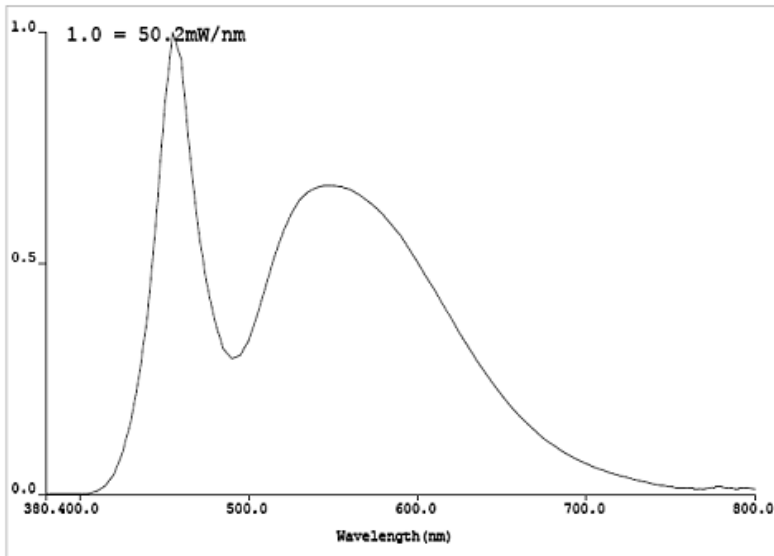
All dimension units are millimeter.

All dimension tolerance is  $\pm 1$ mm unless otherwise noted.

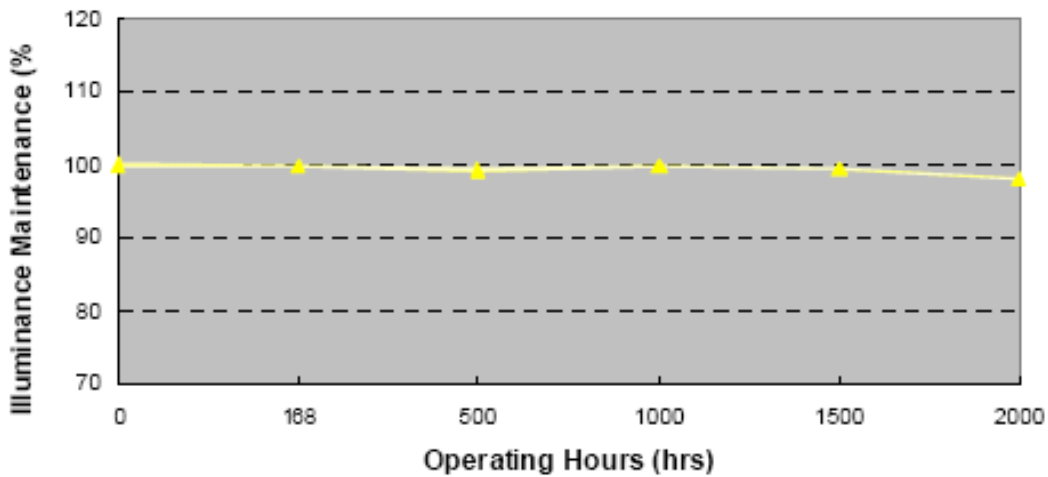
### 2. LED lighting technical parameters (\*\*\*) Note: Different CCT LEDs has different optical properties. The deviation is less than 5% (\*\*\*)

Model No.	LED No. (pcs)	Voltage(AC)	Size (MM)	Power	CCT	LED style	Flux(LM)	Beam angle	CRI(Ra)	IP grade
GNH-AC-T 8-06-9W	78	220-240 V	28*28*589 mm	9W	2700K-6000 K	Epistar SMD2835	840LM $\pm 5\%$ 900LM $\pm 5\%$	270 °	70-80	IP65
GNH-AC-T 8-12-19W	156	220-240 V	28*28*1198 mm	19W	2700K-6000 K	Epistar SMD2835	1700LM $\pm 5\%$ 1900LM $\pm 5\%$	270 °	70-80	IP65
GNH-AC-T 8-12-22W	160	220-240 V	28*28*1198 mm	22W	2700K-6000 K	Epistar SMD2835	2000LM $\pm 5\%$	270 °	70-80	IP65

**3. Photometric drawing (just for reference)**



**Illuminance Maintenance**



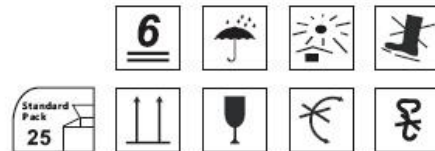
**4. External Structure:**


**The driver was replaced by IC chip**

**5. Packing details**

Part No.	Package dimension	Gross Weight
T8-60	650X210X215mm, 25pcs/carton	8.60kg
T8-120	1250X210X215mm, 25pcs/carton	13.85kg

Corrugated carton + EPE cotton



## 6. Applications

Direct replacement for conventional fluorescent light, applicable to Indoor lighting such as home, villa, restaurant, hotel, lobby, show room, shop window, conference and meeting rooms, factories and offices, chicken farm, poultry farm institution buildings, underground parking area, schools, colleges & universities, hospitals, places where there is a need for energy saving and high color rendering index lighting.

