

## LED T5 tube specification

**Item:** GNH-T5

**Dimension(mm):** L300\* $\Phi$ 16; L600\* $\Phi$ 16; L900\* $\Phi$ 16; L1200\* $\Phi$ 16; L1500\* $\Phi$ 16;

**Power:** 5W; 8W; 12W; 17W; 20W

**Date:** June 3rd, 2015



## I. Product introduction

### Materials

Our T5 LED tubes use transparent or milky PC cover and aluminum material, high quality SMD2835 LED light source.

### Characteristics

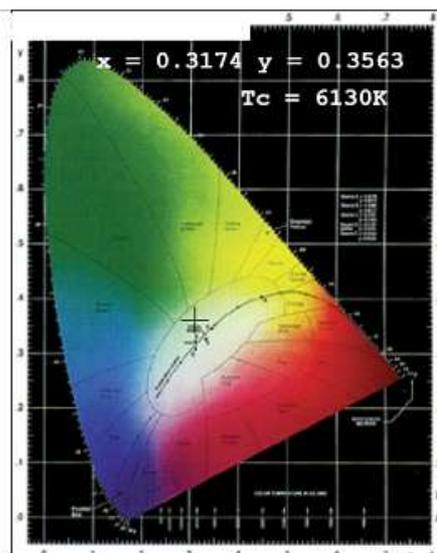
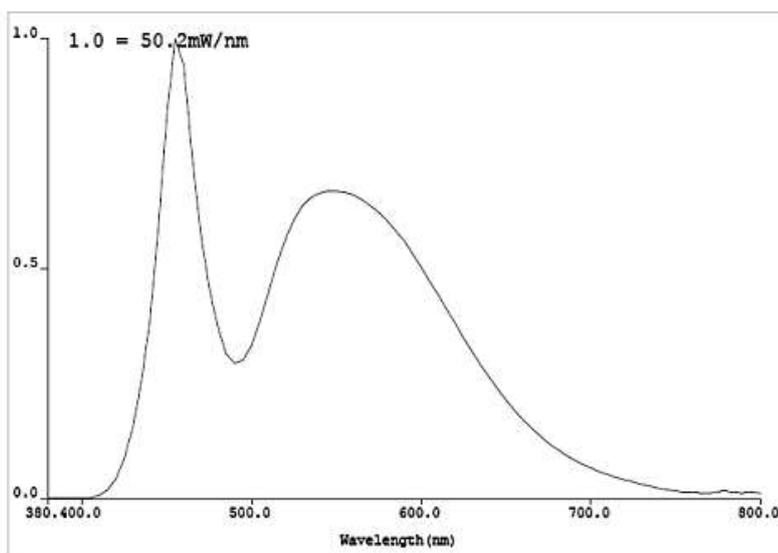
1. **Energy saving.** LED tube light can save you more than 60% in energy cost compare to conventional tube.
2. **Long life and environmental protection.** LED tube light uses LEDs with long lifetime more than 30,000 hours. It has no ultraviolet radiation. It offers full environmental protection. It has no hazardous materials like mercury or lead entering the environment.
3. **Direct replacement of conventional tube.** Except for electronic ballasts, our LED tubes can directly replace conventional florescent tube, no need to remove any ballast.
4. **Good heat dissipation.** LED tubes use unique heat sinking device with good heat dissipation.
5. **Low heat.** The total power consumption is less than half of the traditional tube.
6. **Constant current driver.** T5 led tube light with external isolated driver, High luminous efficiency, unique design to ensure no light spot, good performance
7. **Healthy to eyes.** Instant start, no flickering, no humming. Aluminum isolation avoids EMC electronic wave disturbance.
8. **Variety of designs and constant innovation.** We manufacture standard and dimmable LED tubes, sound and movement activated dimmable LED tubes in different lengths.
9. **Warranty.** 2 years warranty.
10. **Certification.** Comply with CE and Rhos

## II. Specifications, parameters

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

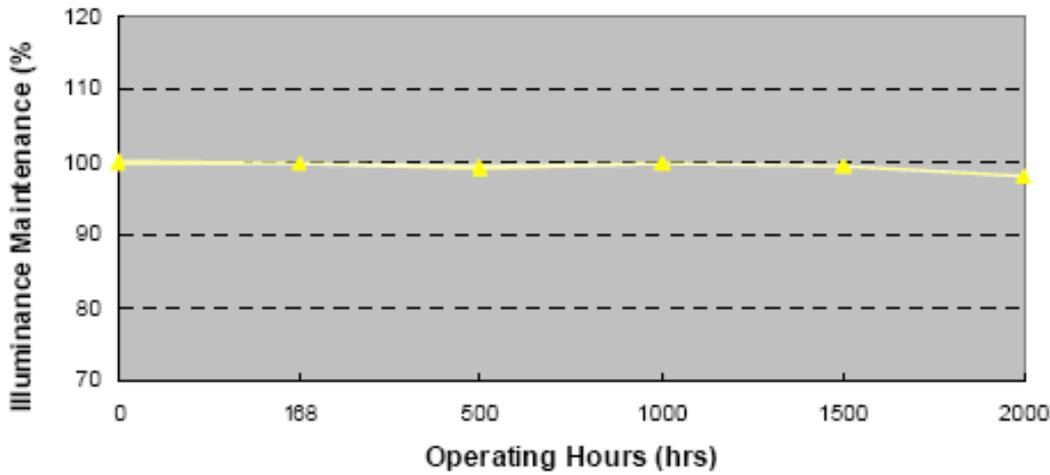
| Model No.      | Voltage(AC) | Size (MM) | Power | CCT         | LED style | Flux(LM)   | Beam angle | CRI   | Working Hours (H) |
|----------------|-------------|-----------|-------|-------------|-----------|------------|------------|-------|-------------------|
| GNH-T5-300-5W  | 85-265V     | L300*Φ16  | 5W    | 2700-6500 K | 2835 SMD  | 450LM ±5%  | 120°       | Ra≥70 | >30000H           |
| GNH-T5-300-8W  | 85-265V     | L600*Φ16  | 8W    | 2700-6500 K | 2835 SMD  | 720LM ±5%  | 120°       | Ra≥70 | >30000H           |
| GNH-T5-300-12W | 85-265V     | L900*Φ16  | 12W   | 2700-6500 K | 2835 SMD  | 1080LM ±5% | 120°       | Ra≥70 | >30000H           |
| GNH-T5-300-17W | 85-265V     | L1200*Φ16 | 17W   | 2700-6500 K | 2835 SMD  | 1500LM ±5% | 120°       | Ra≥70 | >30000H           |
| GNH-T5-300-20W | 85-265V     | L1500*Φ16 | 20W   | 2700-6500 K | 2835 SMD  | 1800LM ±5% | 120°       | Ra≥70 | >30000H           |

### 2. Photometric drawing (just for reference)

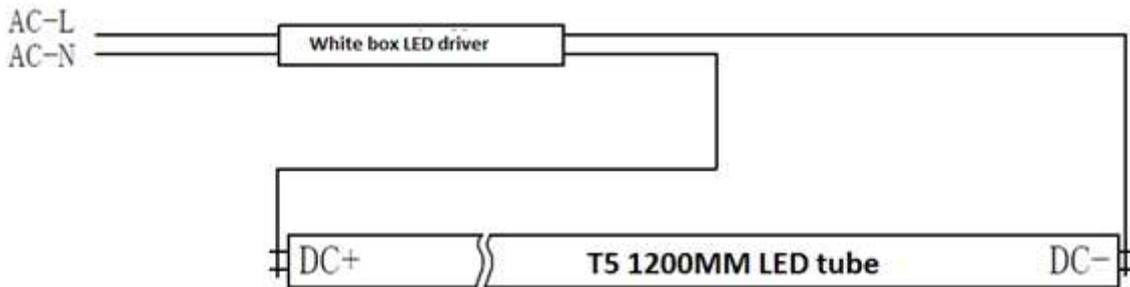




Illuminance Maintenance



3. Wiring:



4. Packing details

| Part No. | Package dimension             | External Drivers:                      |
|----------|-------------------------------|--|
| T5-60    | 220*220*630mm , 50pcs/carton  | 300pcs/CTN, CTN Size:<br>620*620*200MM |
| T5-120   | 220*220*1240mm , 50pcs/carton |  |
| T5-150   | 220*220*1540mm , 50pcs/carton |  |

## 5. 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, institution buildings, underground parking area, schools, colleges & universities, hospitals, places where there is a need for energy saving and high color rendering index lighting.

