160W Tunnel light specification

(1) Product introduction

Anodizing tensile reflector; PC light sealed cover; single powerful LED light source; high efficiency constant current source.

Application areas:(Main used for tunnel lighting)

Applicable to the place of the workshop, factory, warehouse, highway toll stations, gas stations, supermarkets, exhibition halls, stadiums, landscape lighting and other needs of lighting.

(2) Features:

1. **With** independent intellectual property rights package a single high-power LED (10W-300W) as a light source, the use of unique multi-chip integrated single source design, selection of imported high brightness semiconductor chips, has a high heat conductivity, light a small decline characteristics of the pure light color and no ghosting;
2. **A unique** heat sink design, and electrical boxes perfect combination of effective heat conduction and diffusion, thereby reducing the temperature of the lamp body, to effectively guarantee the life of the light source and power;

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3. **Cooling** the surface of the anodic oxidation processing, compact structure, appearance, corrosion resistance, waterproof, dustproof performance;
4. **Significant** energy savings, high-power LED light source is equipped with imported high-efficiency power supply, energy savings of 70% or more compared with the sodium lamp;
5. Green pollution-free, lead, mercury and other pollution elements, there is no pollution to the environment;
6. **The** color is good, real physical color rendering. A variety of light and color optional, to meet the needs of different environments, eliminating the traditional lamp color temperature is high or low due to repressed emotions, visual comfort, and improve the efficiency of the workers;
7. **Constant** current and voltage control for a wide voltage (AC85V-265V) to overcome due to ballast power grid, noise pollution and light-induced instability, to avoid the stimulus to bring work to eye fatigue;
8. **Excellent** decorative effect, using a special surface treatment process, appearance can choose a variety of colors, simple installation, and easy removal for a wide range.

(3)Technology parameters

1. Electrical Specifications

Parameter & specification		
No.	Item	Parameter
1	Working environment temperature	-30~60℃
	Store environment temperature	-40~85℃
2	Rated Load Voltage	AC85-265V
	Power consumption	160±16W
	Protection level	IP65
3	Beam	60/120°
4	LED-COB50W	1pcs
5	Original Luminous flux output	>16000 LM
6	CRI	Ra≥78
7	Power factor	PF≥0.97
8	Life	50000 hrs
9	Single product packing size	500mm*360mm*260mm
10	Single product packing weight	10-12Kg
11	Conventional CCT	Warm white:2800-3200K Nature wgihe:4000-4500K Pure white:5500-6500K Cool white:8000-10000K

2. Product Picture

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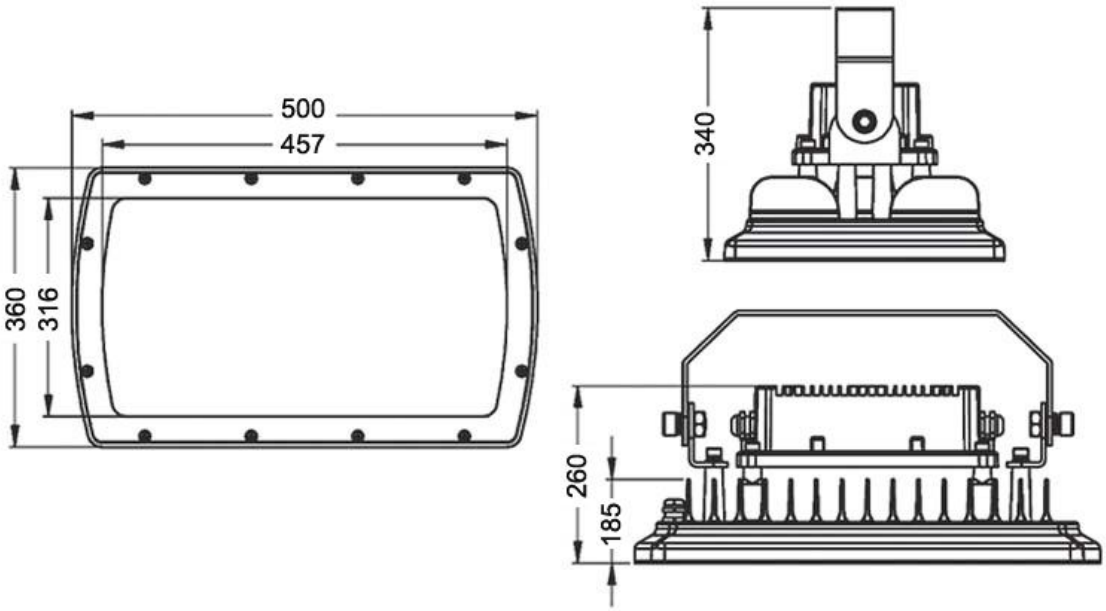
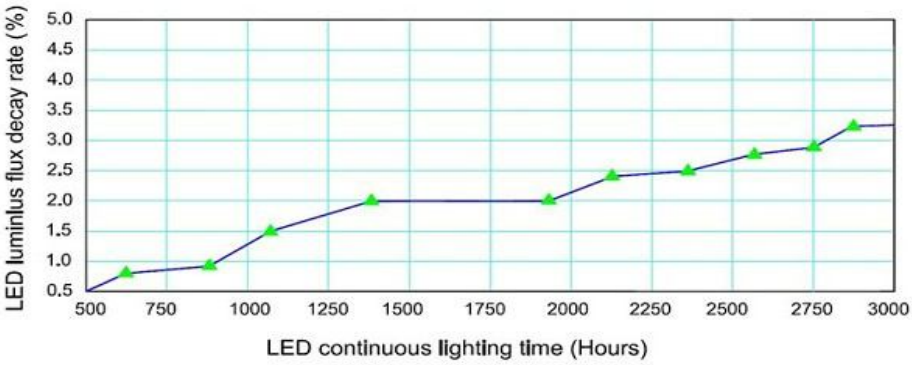
3.Product size（Unit:mm）



*Light failure schematic diagram.



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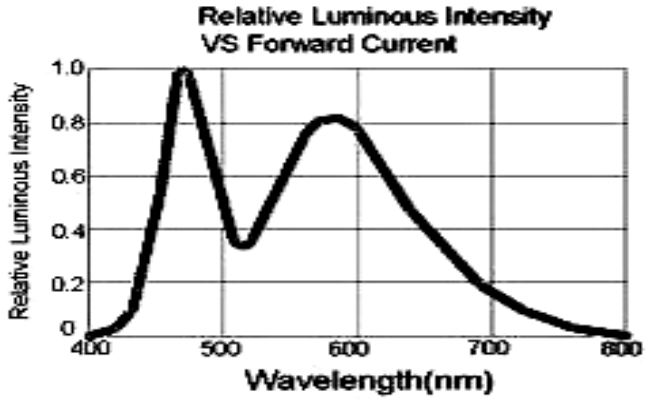
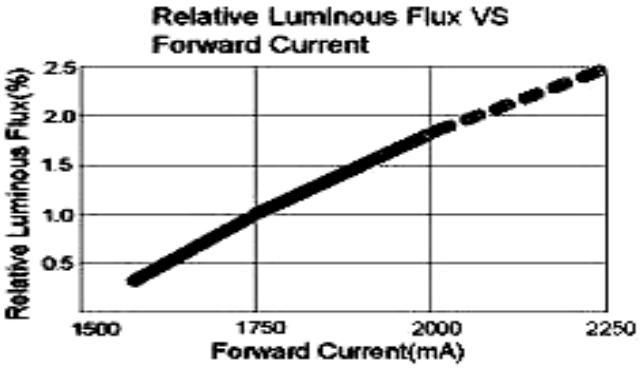
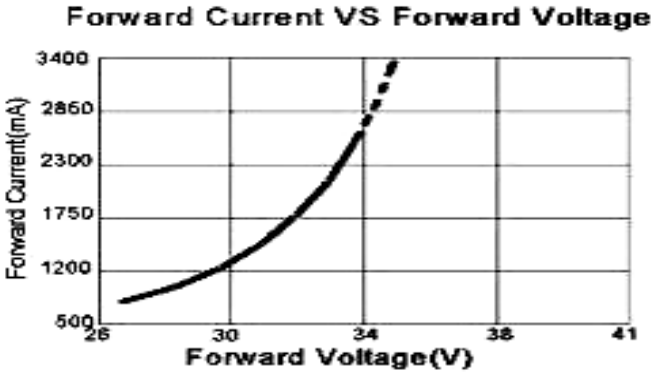
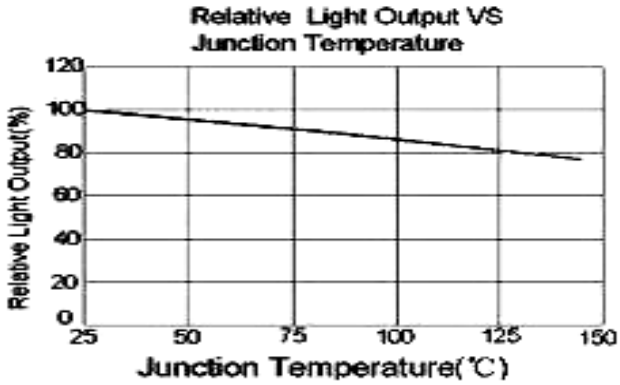
*Note

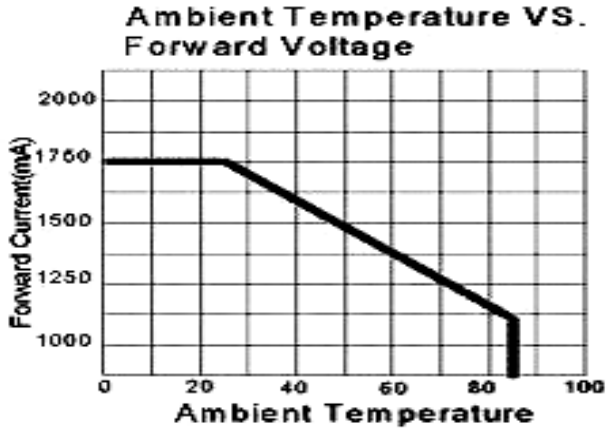
1.The LED decay curve data measured after 1000 hours aging at an ambient temperature of 25℃, 24 hours without interval Always;
2.LED luminous flux attenuation the lamps use related to the environment, the higher the temperature, the longer the use of time, the faster the decay.

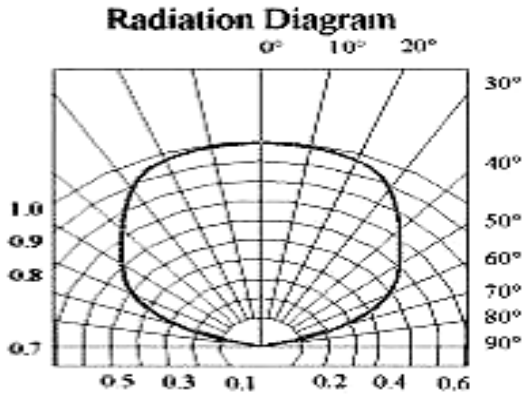












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（6） After-sales service

All the Company's production of product quality warranty 3 years under normal conditions of use, quality assurance is based on the correct preservation of the product, installation, use and maintenance. Due to improper installation, in violation of the products operating procedures, and caused damage to the product, do not fall within the scope of this warranty. The quality warranty period, the quality of the Company during the warranty period will choose to repair, change the method of (parts) or replace the new product can solve them. Extended will be appropriate to receive the material and labor costs.

Tips: About Package info kindly consulting to our salesmen as below:

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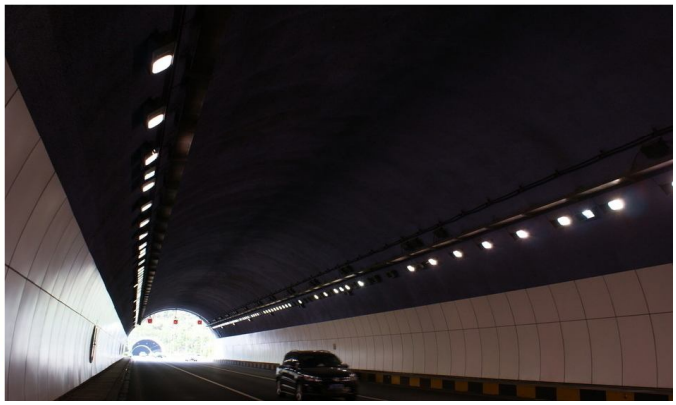
Web: www.szhtdled.com E-mail:szhtdled@szhtdled.com



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