

# LED Tunnel Light



[www.tsledlighting.com](http://www.tsledlighting.com)

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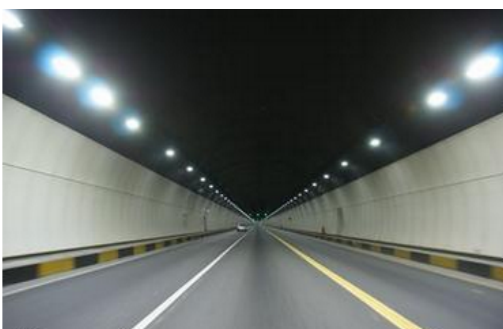
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## Introduction

- TangSong B Series LED Tunnel Light adopts the high reliability eutectic welding LED packaging process, the thermal conductivity, thermal expansion.  
In today's world, the gradual depletion and the gradually decorated environment is becoming a great challenge for us. LED lights are the greenest Lighting Source in the 21st century, which is the criterion of the Energy Saving and environmental protection. Most of the countries in the world use policies and rules to map out the wide spread plan. A revolutionary war in the lighting field is coming up.
- In the past Three years, we have invested a tremendous amount of manpower and resources, committed to developing a new generation of Semiconductor LED Lighting Products, these products have been published right now.  
They need only 20% of the power consumption of traditional light bulbs, which can generate 100-120 lumens/watt and has super long life, up to 50,000 hours and more, also 10 times more brightness than the traditional light bulb.  
Now, all this no longer inconceivable, in our efforts, it has become reality.
- After tireless efforts and struggles, we have finally developed a world leading High Power LED Tunnel Light. This indicated that the prevalence of LED lighting times has arrived.  
TangSong High Power LED Tunnel Lights comes with 3 revolutionary and innovative technologies which will be creating a new era of LED Lights.  
Super rate high power LED to replace the traditional light source. Green energy efficient, it is green environmental protection and energy efficient.  
Rectangular beam pattern design, realized high intensity, high uniformity and eliminate glare.  
Module integrated design, long life, easy to maintain.
- With generous appearance, novel and unique, TANGSONG Integrated LED Tunnel A, B, C, D, E, F Series was designed for the road lighting demand and fully meet the special requirements of road lighting. This product adopts the High Power LED as the light source, using dozens of Osram, Philips or Cree high power 1 watt SMD LED. With the world's leading optical allocation, advanced thermal structural and circuit design, it is a highly cost -effective product.

## Application

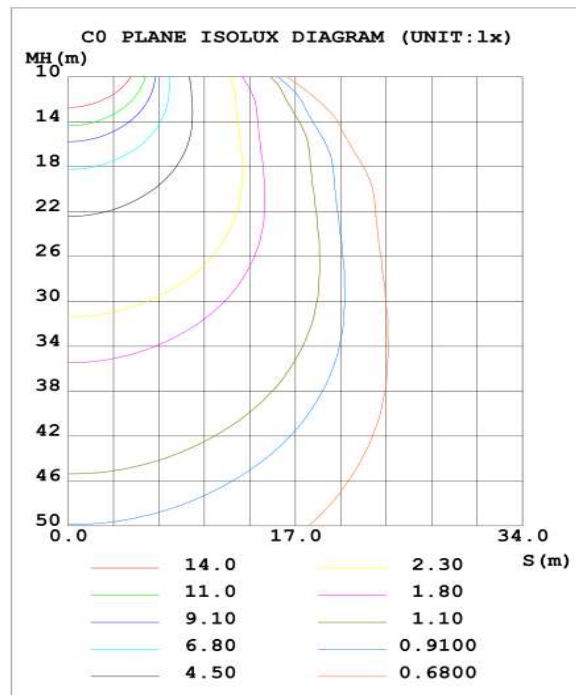
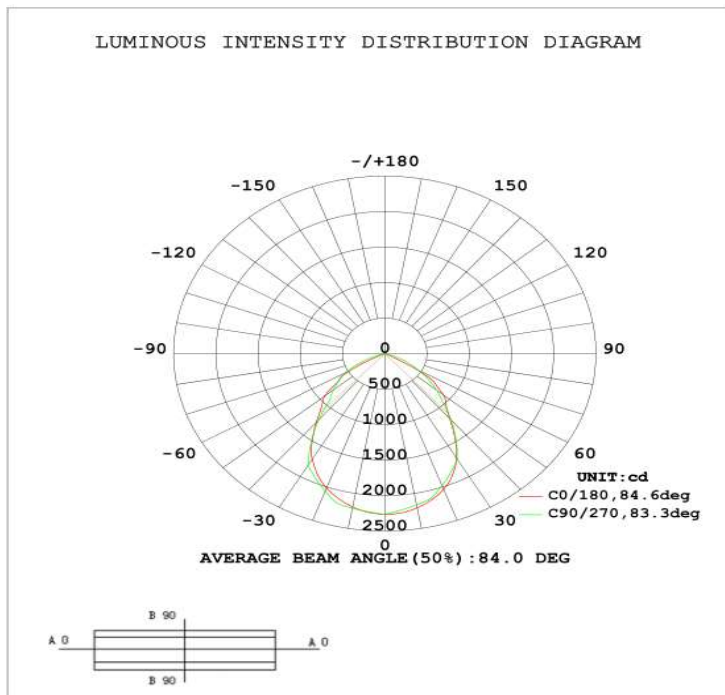
B Series LED Tunnel Light were designed specifically to replace conventional lighting in a wide variety of indoor industrial applications; Their low profile light weight design and versatile mounting options make it ideal for many applications such as warehouse, garage, aisle, cold storage, bridge, tunnel and general area lighting.



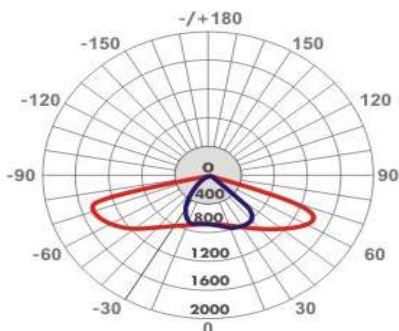
## Feature

- Low power consumption. More than 60% energy saving compared to conventional HID/HPS.
- Environmental friendly. Lead and mercury free.
- LED type: SMD3030 CRI :  $\geq 75+$
- Input voltage(V): 85~265V AC or 110-277VAC, 50/60Hz at choice
- Project Beam: 78\*132Degree
- LENS Degree: 60\*60degree, 90\*90degree, 60\*150degree
- Frequency: 50~60Hz
- Light failure: <3% within 3000Hrs
- Lifespan:  $\geq 50,000$  hrs
- IP grade: IP65
- Humidity: 5 ~95% RH.
- Work temperature:-20~55°C
- Store temperature:-40~85°C
- Warranty: 3 years; Osram chip + China driver
- Warranty: 5 years; Osram & Philips chip + Meanwell driver

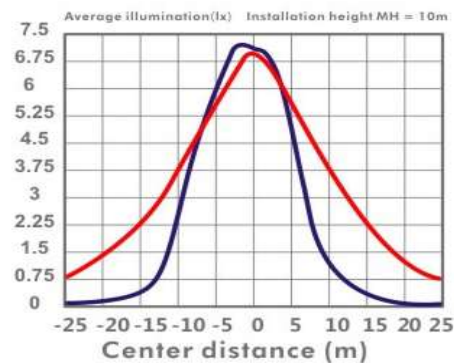
## Light Distribution



Light distribution curve

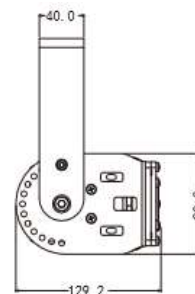
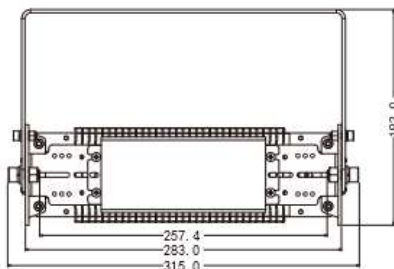


Average illumination curve



## Advantage

### TSTU-50B



Power: 1\*42pcs 3030

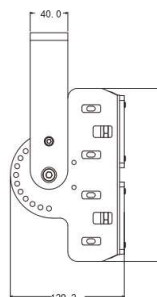
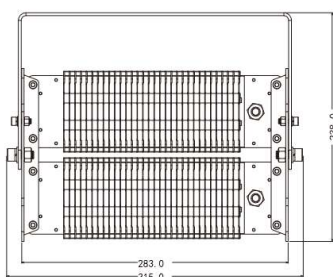
Weight: 3.5kg

Products Size: 315\*193\*129.2mm

Packing Size: 330×210×215mm

Packing Model: 2pcs/carton

### TSTU-100B



Power: 2\*42pcs 3030

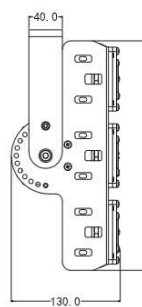
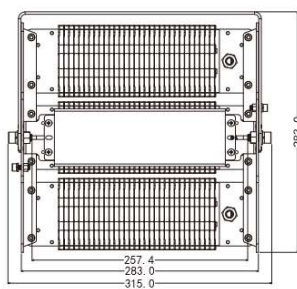
Weight: 4.0kg

Products Size: 315\*238\*129.2mm

Packing Size: 340×250×160mm

Packing Model: 1pcs/carton

### TSTU-150B



Power: 3\*42pc 3030

Weight: 4.8kg

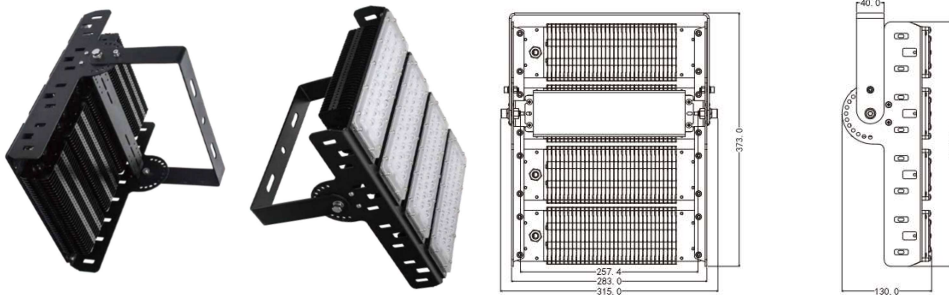
Products Size: 315\*283\*130mm

Packing Size: 340×300×160mm

Packing Model: 1pcs/carton

## Products' picture and size

### TSTU-200B



Power: 4\*42pc 3030

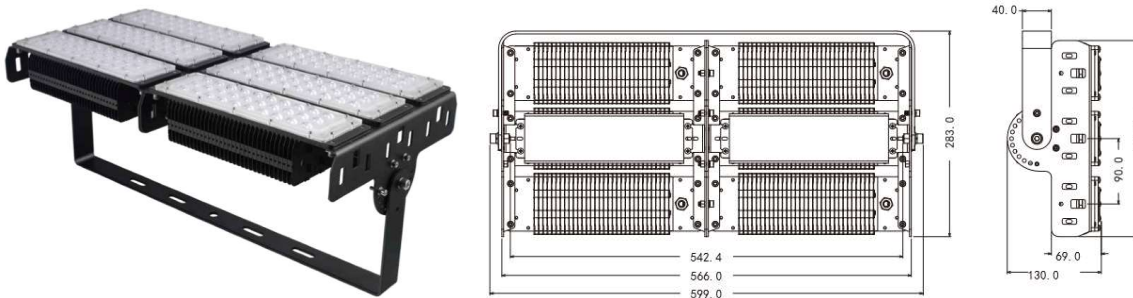
Weight: 6.0kg

Products Size: 315\*373\*130mm

Packing Size: 390×340×160mm

Packing Model: 1pcs/carton

### TSTU-300B



Power: 6\*42pc 3030

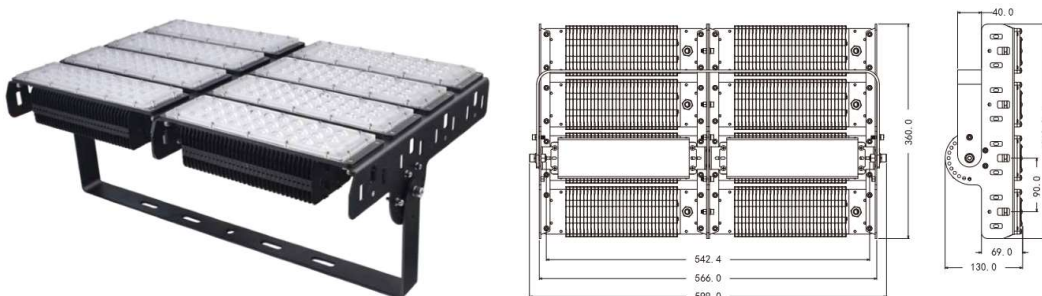
Weight: 10.0kg

Products Size: 599\*283\*130mm

Packing Size: 630\*320\*160mm

Packing Model: 1pcs/carton

### TSTU-400B



Power: 8\*42pc 3030

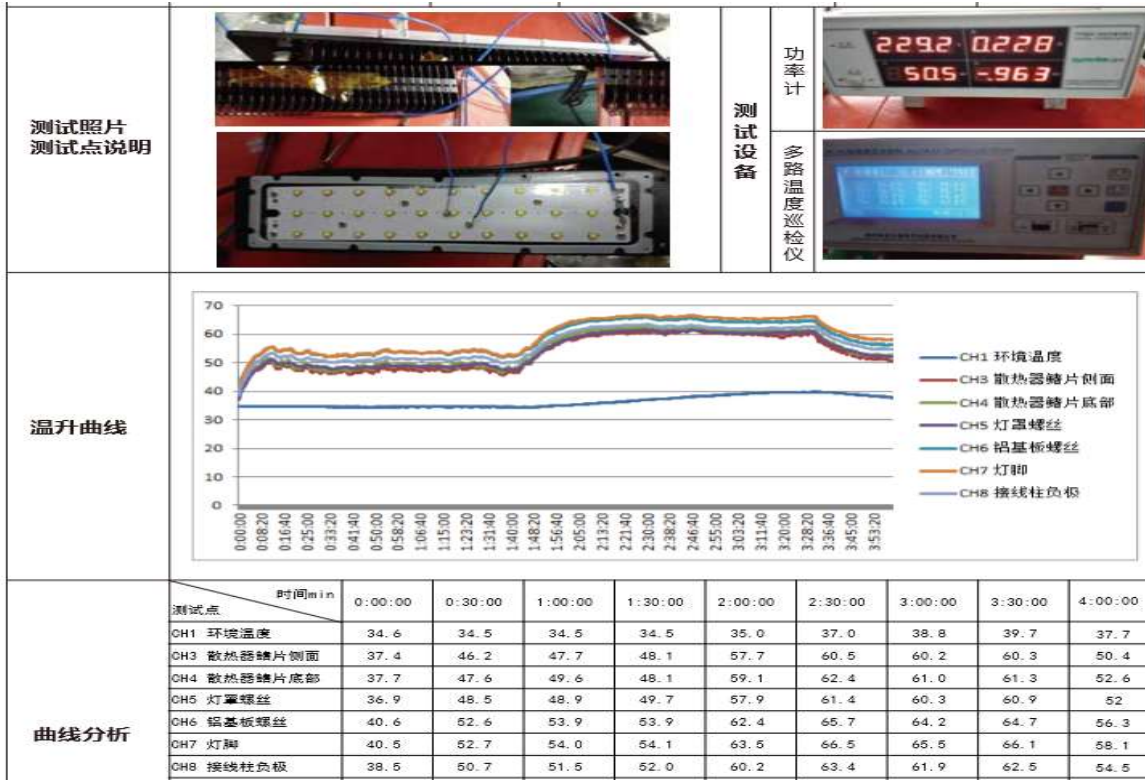
Weight: 13.0kg

Products Size: 599\*360\*130mm

Packing Size: 635\*430\*180mm

Packing Model: 1pcs/carton

## Testing Temperature



## Install and Instruction

1. Turn off the switch.
2. Please accord the instruction to assemble the radiator and diffuser.
3. Place the diffuser onto the radiator and adjust to each screw hole.
4. Rotate the diffuser.
5. Screwing them.
6. Connect the light ring with hanging chain.
7. Brown-L, Blue-N, Yellow & Green-GND.
8. Please make sure all the connections are correct, and then turn on the switch.
9. (Please Refer to the Installation schematic diagram in the 4th page, 45/90/120° are in common use).

## Remark

- In order to ensure safety , please operated by professionals when installing、 repairing、 and checking.
- Please use the specified driver.
- Please don't install the lamp in high temperature or damp places, in case any damaged.
- Please don't cover with insulation blanket or other similar things at any time.

## Warning



- ◆ Please don't disassemble the products by yourself or you may damage the chip and other fitting.
- ◆ Please be careful when operating, it is dangerous for you to touch the AC power supply.
- ◆ In order to ensure the life span, please do not pull the wire and crash the light or it will be damaged.