



## 100W High bay specification



### (1) Product introduction

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

#### **Application areas:**

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

### (2) Features:

1. **With** independent intellectual property rights package a single high-power LED (5W-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, easy removal for a wide range.

### (3)Technology parameters

#### 1. Electrical Specifications

<b>LED(W)</b>	<b>Working voltage</b>	<b>PFC</b>	<b>Power</b>	<b>Measure luminous flux</b>
100W	AC85-265V	>0.96	100±10W	>9450 lm
<b>Lamp efficiency</b>	<b>Effective beam angle</b>	<b>CCT</b>	<b>CRI</b>	<b>LED life span</b>
>80%	<b>60°</b>	5500-6500K	>72	>50000 hrs
<b>Main material</b>	<b>10M Lux</b>	<b>Protection class</b>	<b>Product volume</b>	<b>Product weight</b>
6063 AL	>195 lux	IP65	<b>F500mm*650mm</b>	7.8kg/pcs

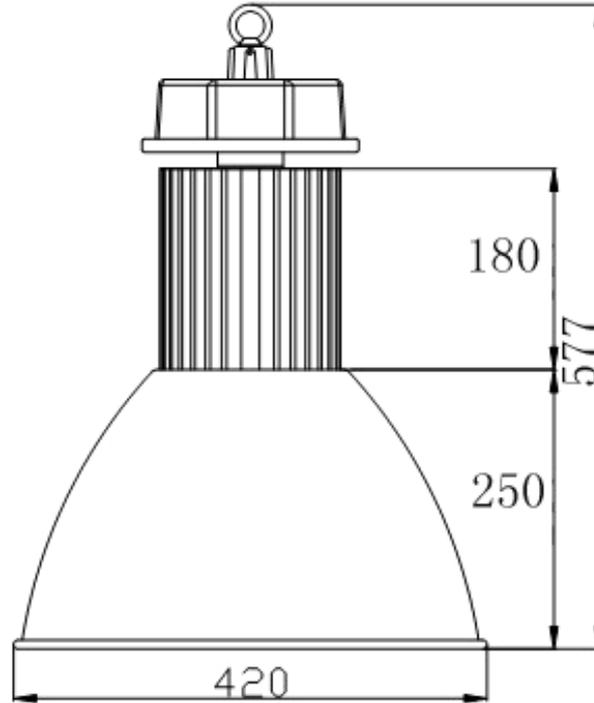
#### 2. Product Picture





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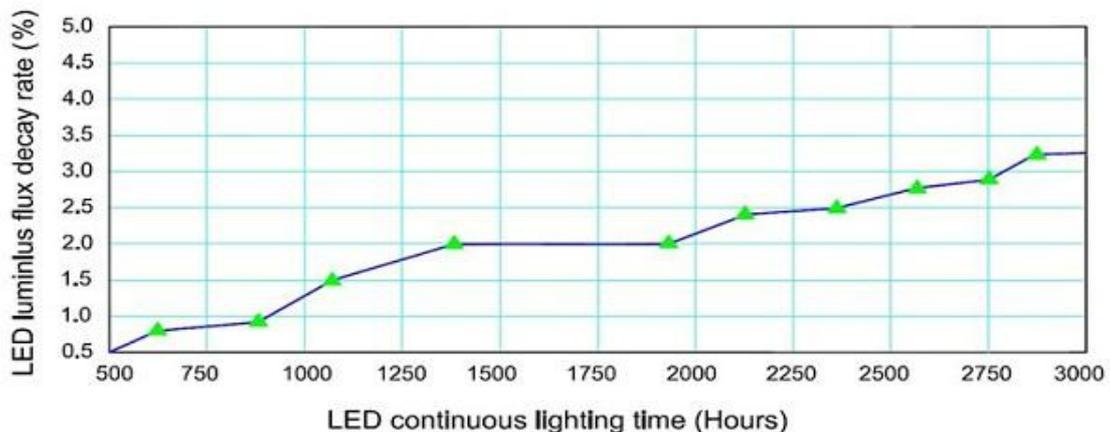
### 3.Product size (Unit:mm)



#### (4) Direction for use

- ◆ The product uses operating voltage: AC/DC36V & AC85V to 265V 50/60Hz. According to the actual requirements do not exceed the operating voltage range.
- ◆  $-65^{\circ}\text{C}\sim+50^{\circ}\text{C}$  of storage temperature; Operating ambient temperature: $-30^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ , the best
- ◆ Working environment temperature $-0^{\circ}\text{C}\sim+30^{\circ}\text{C}$ ;
- ◆ Lamp reflectors easily deformed by force more than 1KG, in the handling or storage Please handle with care, not to heavy pressure.

#### \*Light failure schematic diagram.

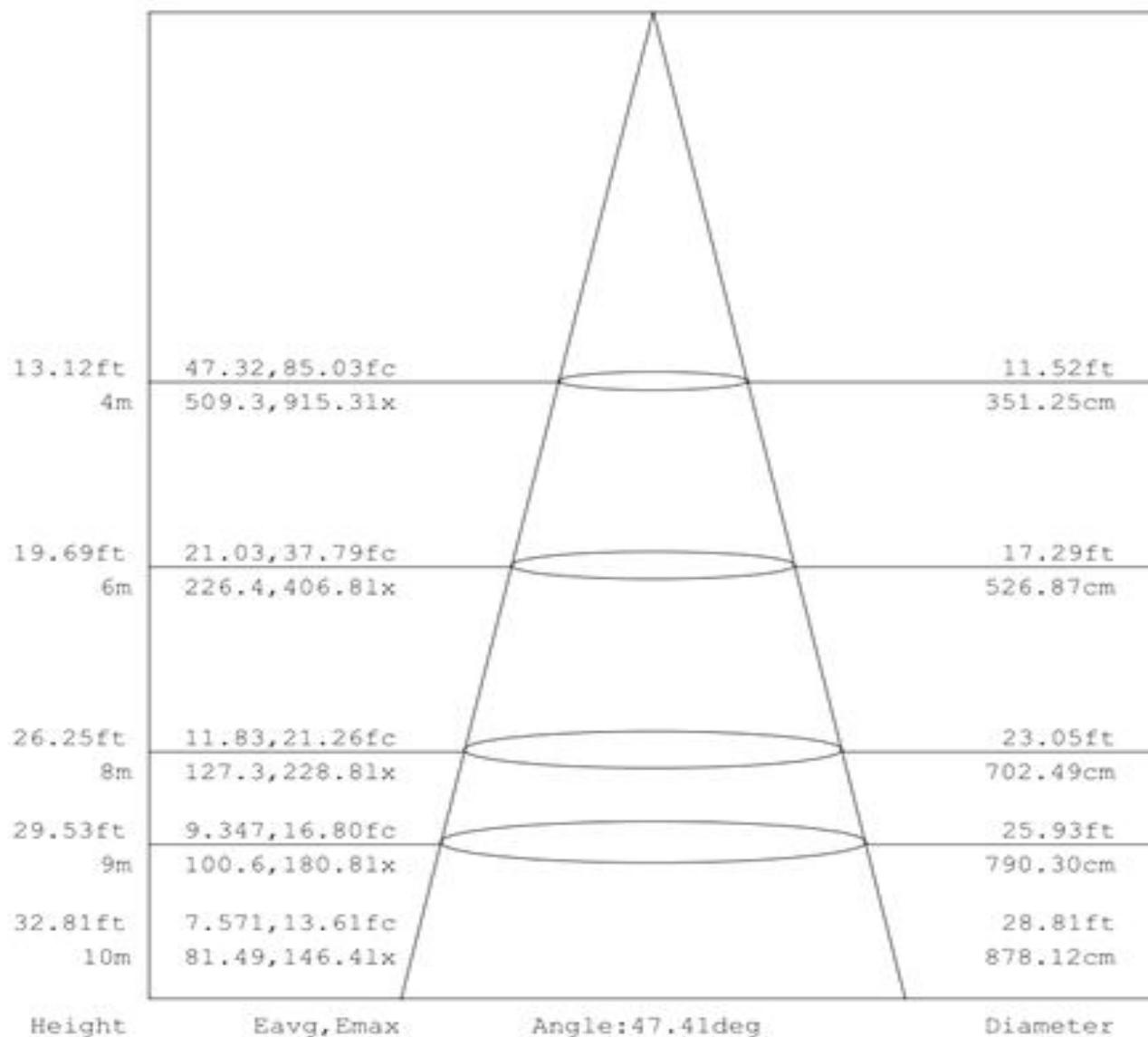




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### \*Note

- 1.The LED decay curve data measured after 1000 hours aging at an ambient temperature of 25°C, 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.



**Note:**The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

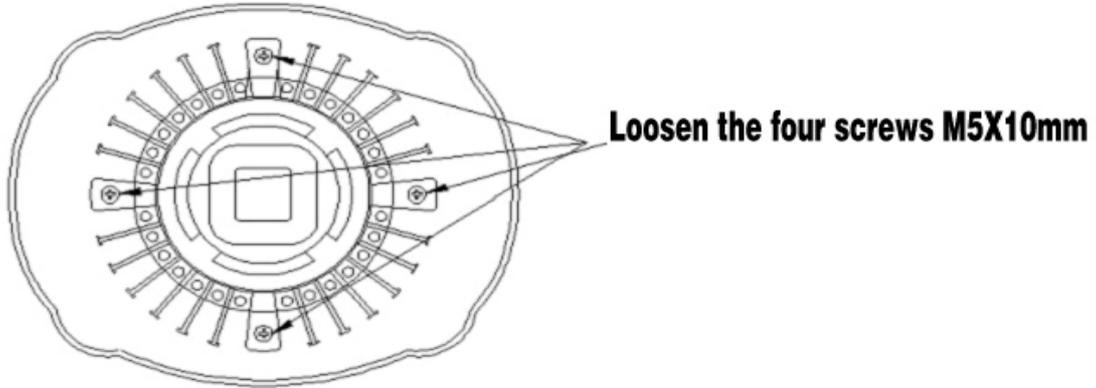




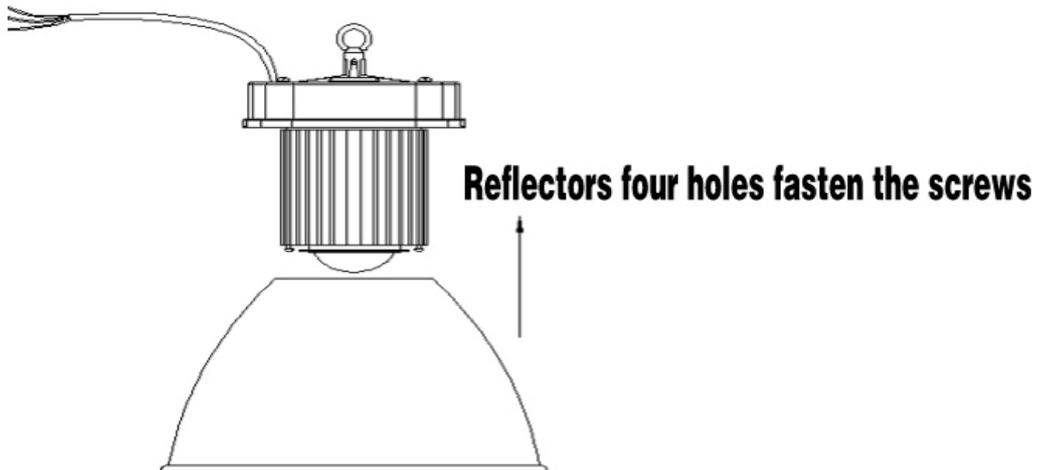
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### (5) Installation instructions.

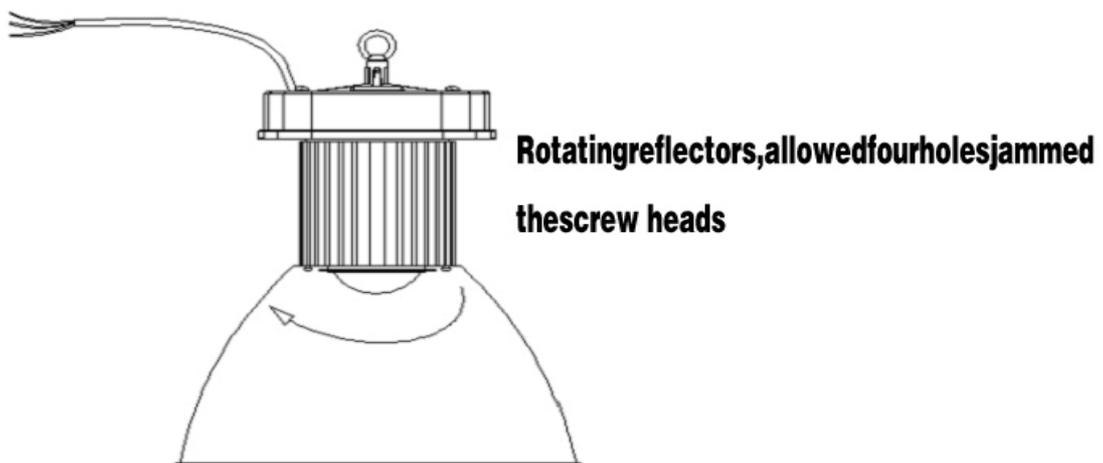
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②



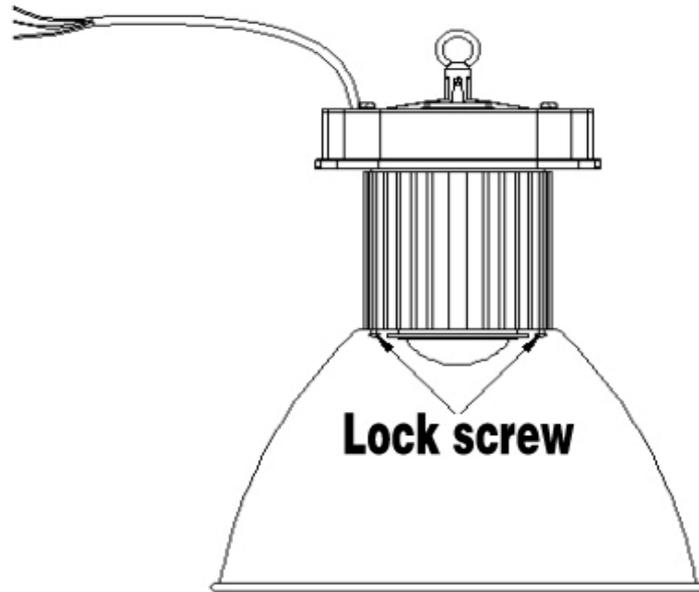
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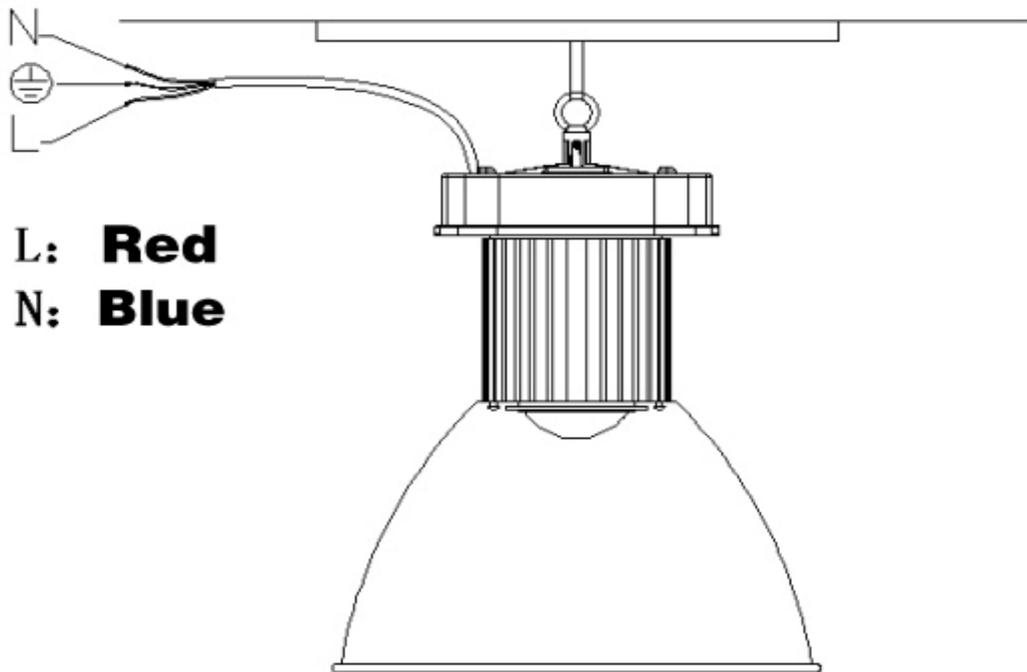


### 100W High bay specification

④



⑤





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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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