

TEK LIGHTING TECHNOLOGY CO.,LTD

泰科照明科技有限公司

LED High Bay Lights Series Installation Instruction



1. Specification

Input Voltage	AC85-265V; AC277V	
Frequency Range	50Hz ~60Hz	
Total Harmonic Distortion	≤9%	
Power Factor	>0.97	
LED source qty	1 pc BridgeLux COB	
LED Luminous Efficiency	100-120Lm/Watt	
Working Temperature	-40 ~+55°C	
IP Grade	IP65	
Working Life-span	50000H	
Power supply wire	0.75mm ² wire	
Power supply connection wire	Brown	L Live wire
	Blue	N Neutral wire
	Yellow and Green	G Ground wire
(The color of the lamp shell)	Black, silver-white	
※Note: Performance of different color temperature of LED lights has deviation. The deviation ≤5%※		

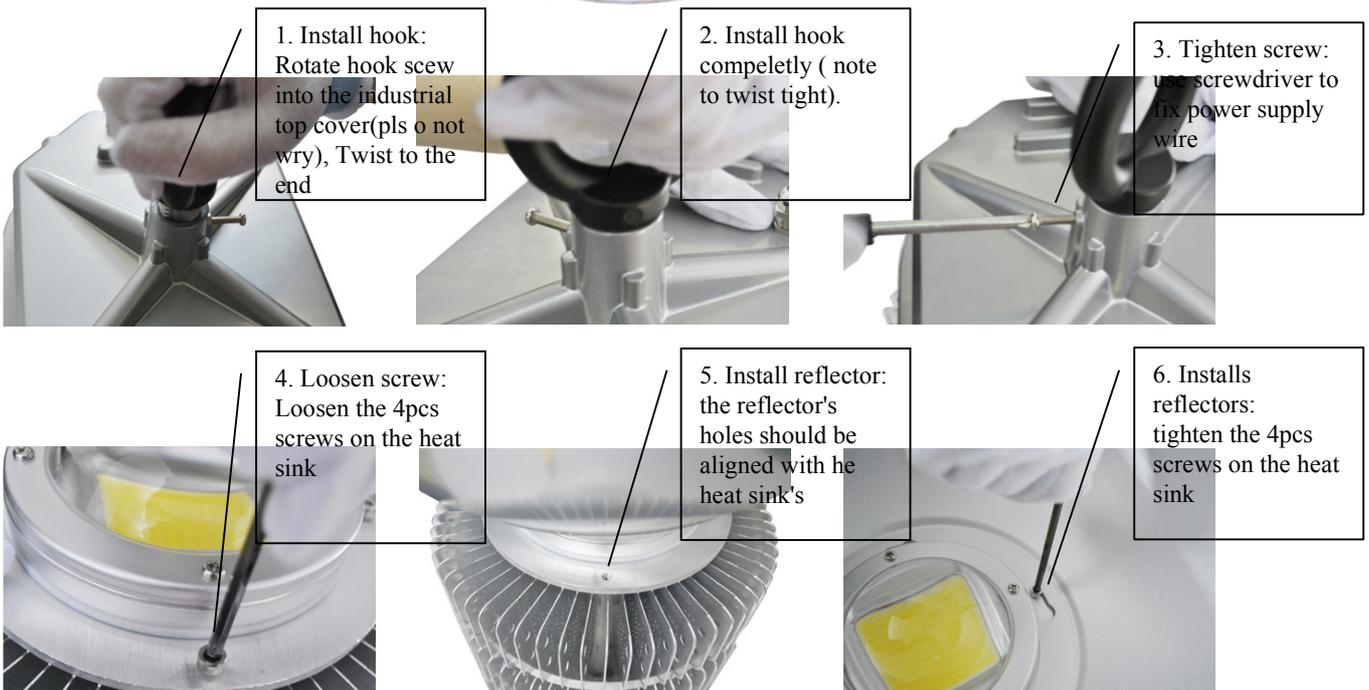
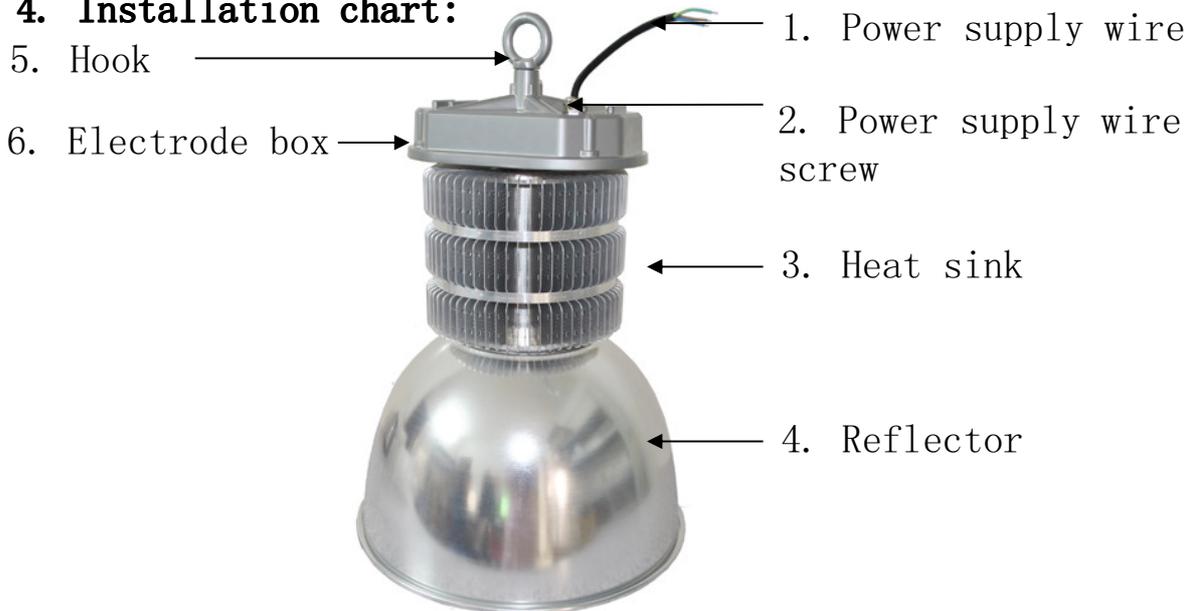
2. Usage

Used for in-door & out-door, eg. the workshop, the storehouse, the road toll station, the gas station, the large-scaler supermarket, the exhibition hall, the stadium and so on which need lighting

3. Using instructions

1. Working voltage: AC85-265V/277V 50-60Hz, Do not exceed the operating voltage.
2. Storage temperature: $-25^{\circ}\text{C} \sim +65^{\circ}\text{C}$ 。 Working temperature: $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$ 。 Best working temperature: $-0^{\circ}\text{C} \sim +30^{\circ}\text{C}$
3. The reflector of the light is easily deformed, so please handle with care and no press hard during transportation or storage.

4. Installation chart:



7. Wire connection: Brown—"L" ; Blue—"N"; Yellow and Green—Ground wire.
8. In order to prevent the hood on the lamps falling from the installation site, pls tighten the screw of the hook after hanging the industrial light.
9. After above operation finished, and then connect power supply.

3. Maintenance & repair instructions

1. Troubles resolution:

Troubles and solutions: Observe the surface of LED light source whether there is discoloration, broken traces, with or without obvious fracture connectivity when you check. Please also check whether Power connection is loose & short-circuit, with or without obvious signs of damage. Please replace the light source and power if there is any obvious signs of damage.

Phenomenon	Possible reasons	Solutions
LED lamp not bright	Lamp wire connection is abnormal	Loosen the screw and reconnect the power supply wire
	LED is damaged	Replace the LED
	Power supply failure	Replace the power supply
LED lamp twinkled	Power supply connected well	Loosen the screw and reconnect the power supply wire
	Input voltage waves large	Confirm the right input voltage
	Power supply failure	Replace power supply

2. Maintenance, repair Note

- 1)、 Please make sure the power-off before maintenance.
- 2)、 In order to maintain a good light transmittance, please clean the reflector of the industrial light regularly.
- 3)、 For maintaining good heat dissipation, please clean the dust on shell and the heat sink of the industrial light timely.
- 4)、 Please do not use water or corrosive cleaning liquor to clean, preferably with a dry cloth.
- 5)、 You may open the rear cover with a screwdriver, cut off the power when you replace the power supply.

About the AC power three-pin wire, the brown one is "L", the blue one is "N", the green&yellow one is Ground line. Regarding DC power wire, the red or white lines correspond to anode, and the black line corresponds to cathode. Please don't reverse the anode and cathode.