

## Product Specification

Product Name: 10W led pendant

Model No: KPT-P\*\*-10W

File No. :

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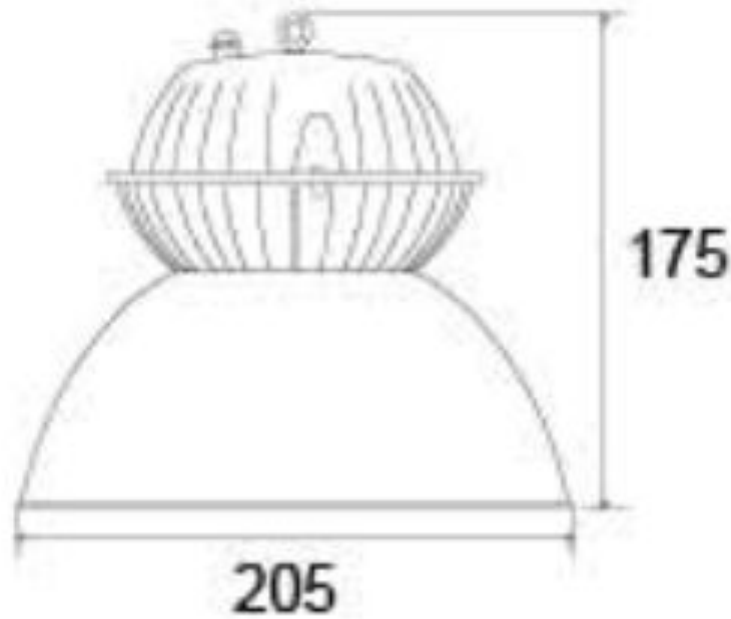
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## 一. Product Description

### 1.Photos and size



**10W**

## 2. Product features

1. Energy-saving: The high power LED as light source, 80% energy saving than incandescent.
2. Environmental Protection : does not contain mercury, lead and hazardous substances, no environmental pollution, no infrared and ultraviolet to avoid harm to the human body, its green lighting products.
3. Long lifespan: The life of up to 50,000 hours or more.
4. The use of low-power bright LED group packages, and heat fixed one to make the product more solid and reliable, life assurance.
5. Input voltage is 85V-265V, easy to install.
6. DC constant current driver, no flicker.
7. Use the high light transmittance lens to process the second optical distribution, 60 degree beam angle.
8. Direct optical illumination point than traditional lamps have higher light-use efficiency.
9. The main use the good thermal conductivity of aluminum(ADC12) , has good heat dissipation.
10. With high luminous efficiency, can work on low temperature, can save more electricity.
11. According to different food, reach the result no glare in food surface as we expected, good color rendering, make the food more reality ,it's good for customers to choose food.

## 3. Range of Application

Applicable to the supermarket to live fresh lighting, fruits, vegetables, flowers and fish, cheese, meat products, frozen products and cooked food area, counter etc lighting situations.



## 二. Technical Parameter

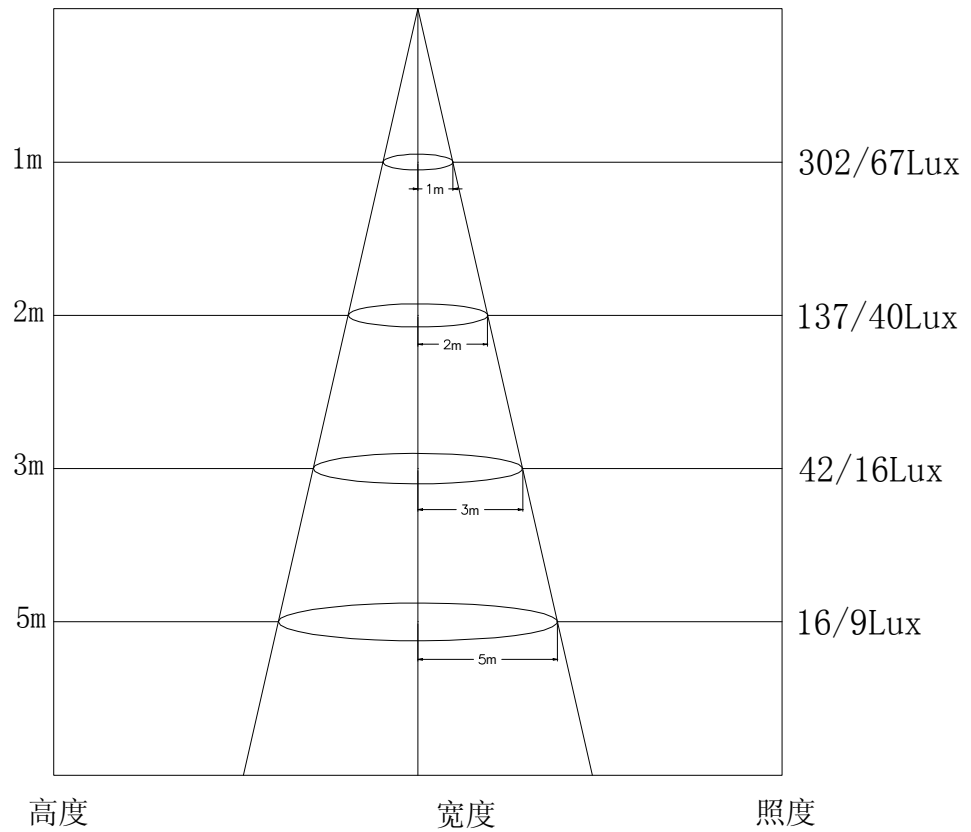
### 1. Basic Technical Parameter

Rated power	10W		
Power Consumption	10±1.5W		
Input voltage	AC 85~265V/50~60Hz		
LED quantity	1 PCS		
LED source	Epistar		
LED Luminous Efficiency	60-75lm/W		
LED Luminous Flux	750±10%lm		
Luminaire Efficiency	>85%		
Illumination Uniformity	>0.8		
Correlated Color Temperature	2700K-7000K		
Color Rendering Index	Ra≥90		
Beam Angle	60 °		
Degree of Protection	IP54		
Operating Ambient Temperature	-40℃~50℃		
Storage Ambient Temperature	-40℃~50℃ (30℃ is the best)		
Lamp Operating Temperature	Color Rendering Index	The Radiator Surface of the Lamp Body	LED Lights Pin
	Beam Angle	55℃	60℃
Certificate	CE, Rohs		
lifespan	50000H		
Dimensions	As specified in the product dimension drawings		
N.W.	0.80kg		

## 2. Luminosity

**Luminous Flux:850LM**

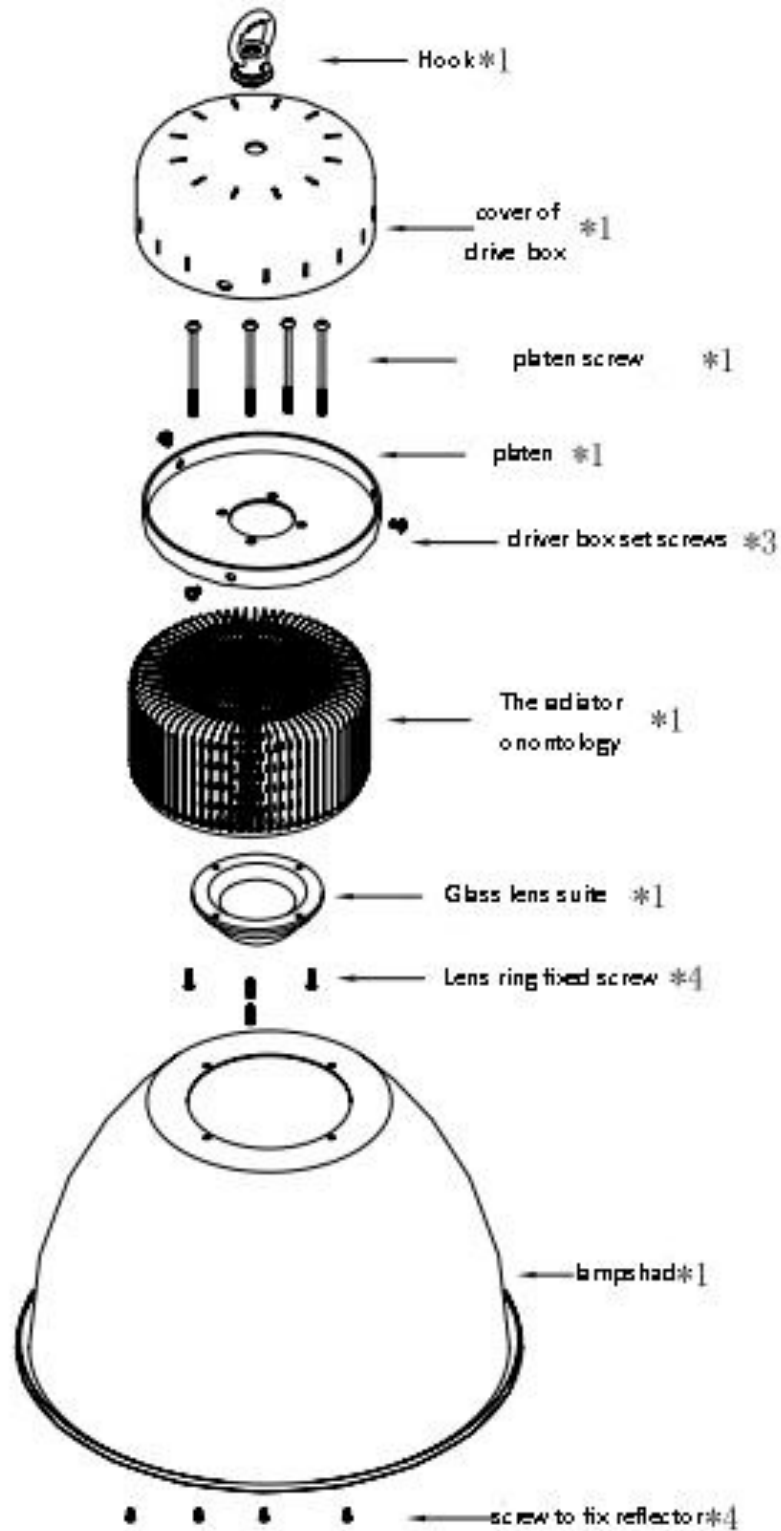
光输出: 850lm



### 3.Product Reliability Test

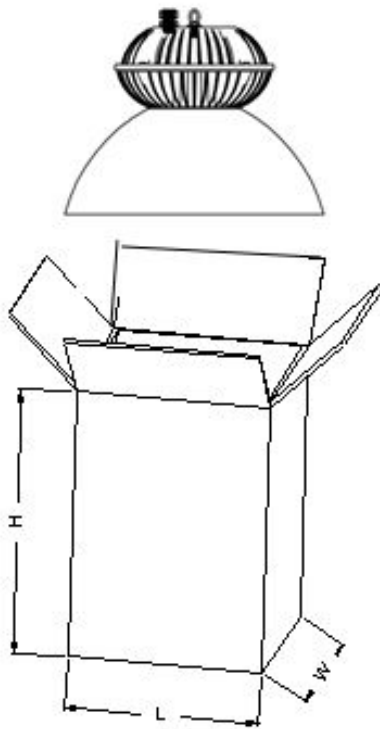
No.	Item	Test Condition	Test Standard
1	Temperature rise test	Ambient Temperature 25℃, the lamp surface temperature below 65℃, LED temperature below 75℃.	Ambient Temperature 25℃, the lamp surface temperature below 65℃, LED temperature below 75℃.
2	High temperature and volt test	Ambient temperature 60℃, input 1.1 times of rated voltage, light for 24 hours.	The lamp can work properly after the test.
3	Low temperature and volt test	Ambient temperature -15℃, input 0.9 times of rated voltage, light for 24 hours.	The lamp can work properly after the test.
4	Vibration test	Vibration speed is set to 300r/min, the amplitude is set to 2.54cm, six surface vibration test on the six surface of packed products.	The problem can't be occurred on the lamps, parts detached, structure damaged, the lamp does not work, etc.
5	Voltage surge test at indoor temperature	Ambient temperature 25℃, light 30s and switch off 30s, circulate 10,000 times.	The problem can't be occurred on the lamps, leakage, don't work these electrical anomalies.
6	Lifespan test	Ambient temperature 25℃, lit test, the first three months every 10 days, test optical parameters, after three months every a month test the optical parameters, 70% of the initial luminous flux is the life of the product, light off is the absolute life.	Luminous flux is 90% of the initial luminous flux within 3000 hours, luminous flux should be higher than 70% of the initial luminous flux within 30,000 hours.

## 4. Structure Diagram

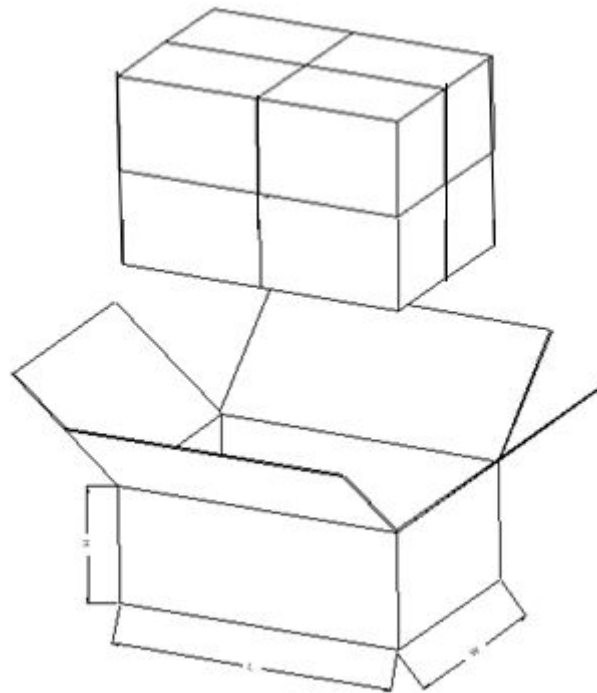


## 5.Package

Project	Internal packing with paper tube	External packing
Q'tu	box/1	box/8
Size	260x*260*H210	L535 x W535 x H440
N.W	0.80 kg	6.4kg
G.W	1.16kg	10.56 kg



Inner box

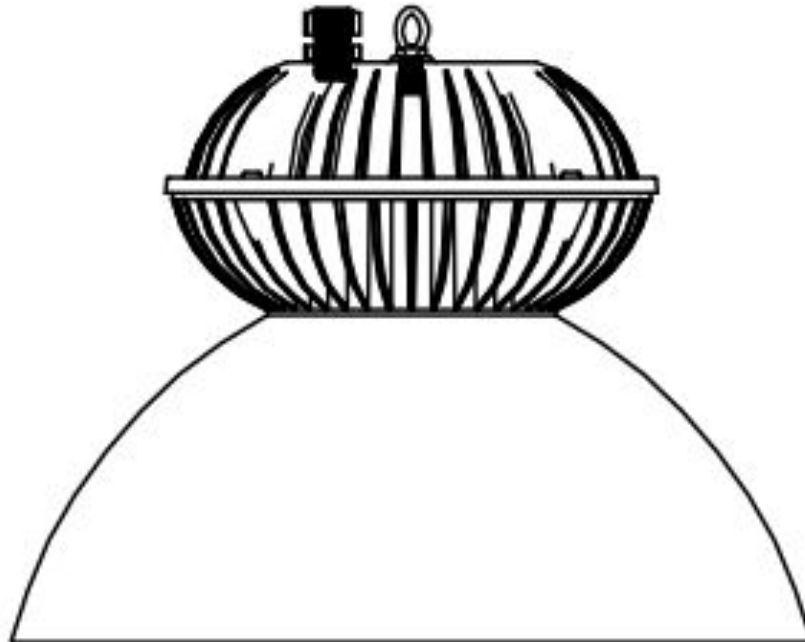


outer box



## 6.Installation

- 1、 Open the box and take out the lamp to check if any scratch. Please contact manufacturer immediately if damaged.
- 2、
  - 1): Please make sure that the hook is fixed tightly to the lamp.
  - 2): Connect the cable to the electricity and hang the lamp where requested.



## 7.Notice

- 1) All of the above test data are gained under the condition of specified range of input voltage and rated output, working environment temperature 25 °C , humidity less than 85%, beam angle 60 degrees.
- 2) Warning: Non-waterproof product for indoor use only.
- 3) Check the input voltage and current if match the lamp requirements. Please do not disassemble product without authorized.
- 4) If the lamp can not work properly due to product quality defects, 2 years warranty to repair or replace.