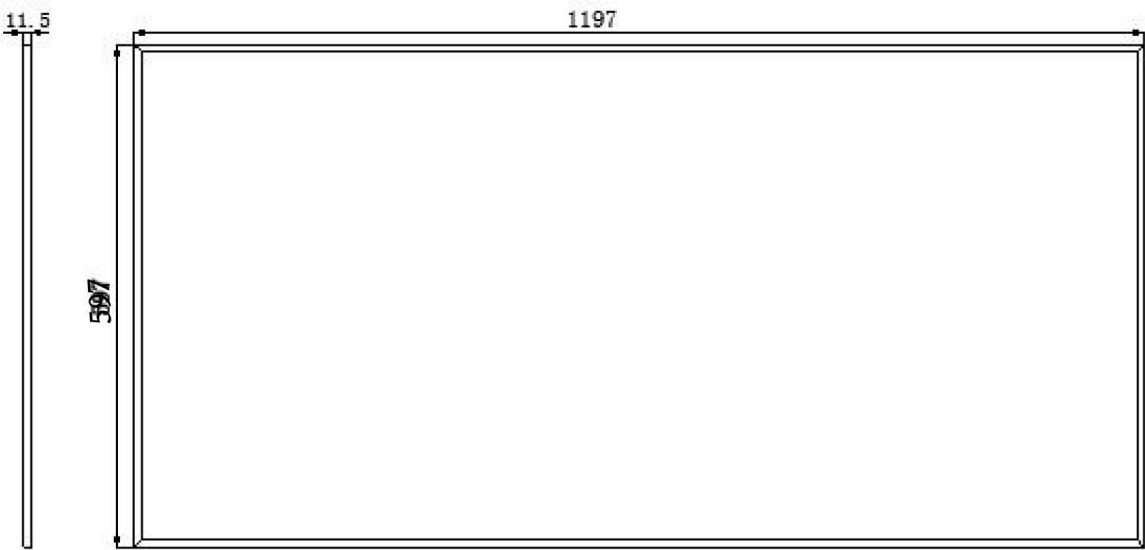
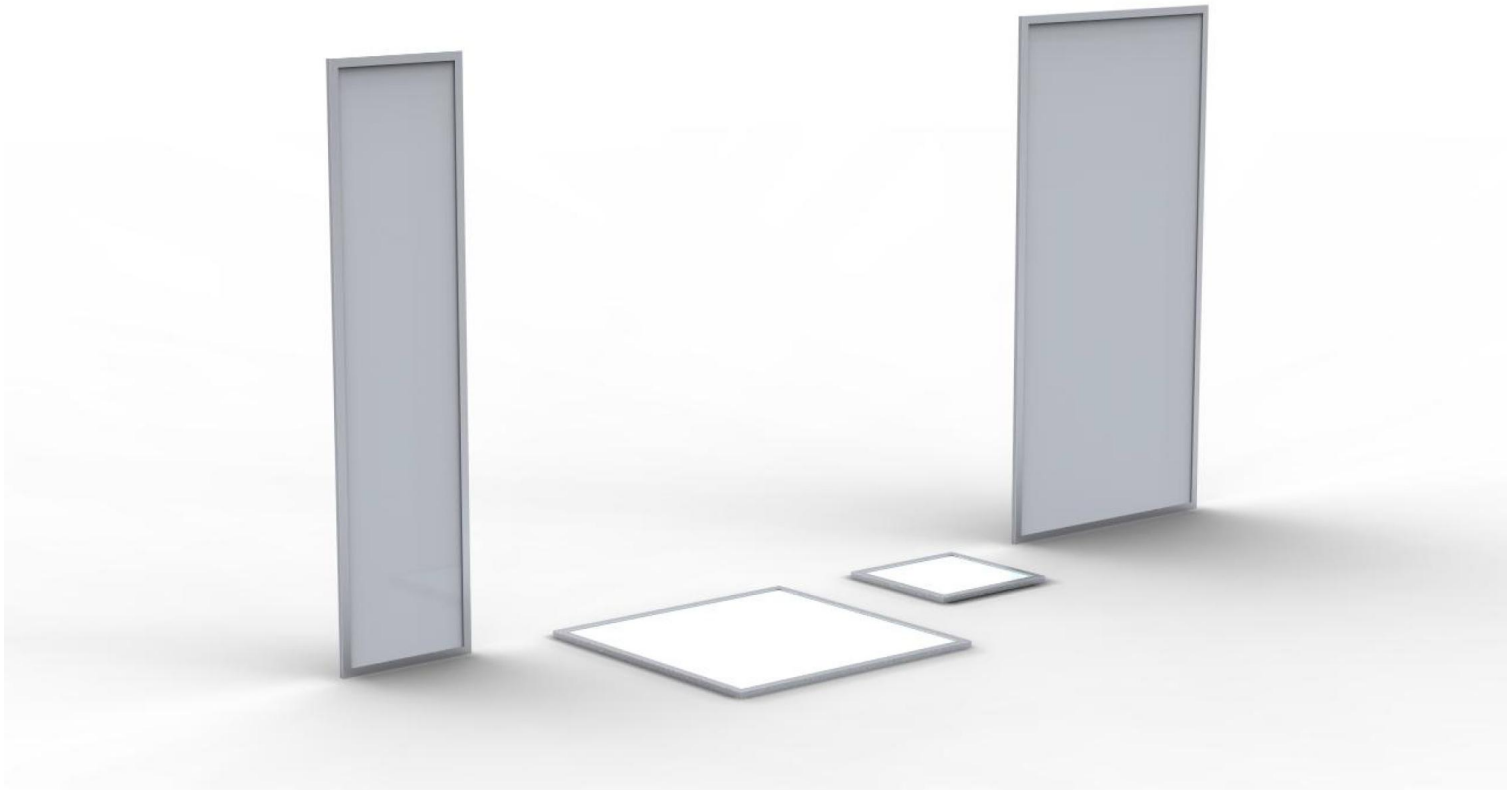


一. Product Specifications

1. Pictures and size



297\*1197MM

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## Features of the product

- 1) Energy-saving: power LED source is adopted, saving energy 80% than the incandescent light.
- 2) Environmental protection: No hazardous substances such as mercury and lead etc. No environmental pollution, infrared ray and ultraviolet ray, and avoid the injury to human body. It is the green lighting.
- 3) Long-lifespan: more than 35,000 hours.
- 4) The lamp's panel and heat-sink device is fixed as a whole, so that the product is more solid and reliable and ensure the long lifespan.
- 5) Input voltage is AC220-240V, making more convenient of the installation and usage.
- 6) Using the DC constant current to drive.
- 7) Making use of the convex mirror which is with high transmittance for a second light distribution. 45 °, 90° and 120° beam angel could be chosen.
- 8) Direct light with good lighting directivity, and higher luminous efficiency than traditional lighting.
- 9) The main body employs aluminum material (AL6063) which has the good thermal conductivity to squeeze to be a special cooling fin. The LED contact surface adopts red copper with electric coat to conduct heat.

## 3. Application

This product could be used in supermarket, parking, workshop, toll-gate, gasoline station, exhibition hall, municipal engineering and other lighting area.

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## Technical parameters

### 1. Basic parameters

Rated power	45W		
Consumed power	45±2W		
Input voltage	AC220-240V/50~60Hz		
LED QTY	216 PCS		
LED light source	Epistar 0.2W/PCS Bright SMD		
LED luminence efficiency	90Lm±10%		
LED lumen	4100Lm±10%		
luminaire efficiency	>88%		
Uniformity ratio of illuminance	>0.85		
CCT	2700K-7000K		
CRI	Ra≥80		
IP grading	IP40		
Temperature of the working environment	-40℃~60℃		
Temperature of the storage environment	-40℃~60℃（30℃ Best）		
Temperature of the working lamp	Environmental temperature	the surface of the radiator	LED base
	25℃	55℃	60℃
Certificates	CE RoHS TUV GS		
Lifespan	35000H		
Dimension	As the product		
Weight	3.2kg		

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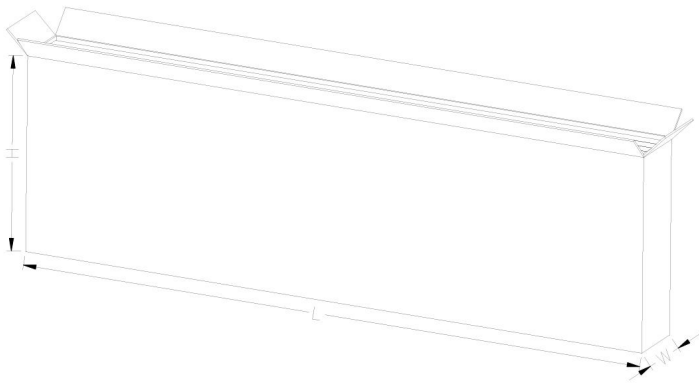
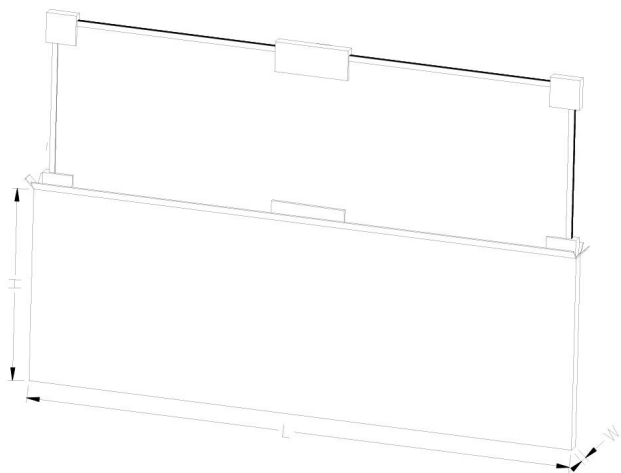
## Product reliability

NO.	Item	Test Method	Qualified Standard
1	Temperature rise test	Environmental temperature < 25℃ light surface temperature < 65℃ LED temperature < 75℃	Environmental temperature<25℃ light surface temperature < 65℃ LED temperature < 75℃
2	High temperature and voltage test	Environmental temperature 60℃, input 1.1 times normal voltage, working 24 hours	the light could work normally after test
3	Low temperature and voltage test	Environmental temperature -15 ℃ , input 0.9 times normal voltage, working 24 hours	the light could work normally after test
4	Vibration test	vibration speed 300r/min, amplitude 2.54 cm. six surfaces vibration test on the packaged product	No parts drop or structural damage or the light couldn't bright etc. abnormal phenomenon
5	Normal temperature impact test	Environmental temperature 25℃. Light on 30s and then light out 30s, repeat it 1000 times.	no electric leakage, no bright of the light and other anomalies
6	Lifespan test	working temperature 25 ℃ . Test electrical parameters every 10 days in the first 3 months. And then test it every 1 month. When arriving 70% of the initial luminous flux it is product lifespan. When the light is out, it is the absolute lifespan	The luminous flux should be 90% of the initial luminous flux within 3000 hours and 70% of the initial luminous flux within 30000 hours.

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# Package

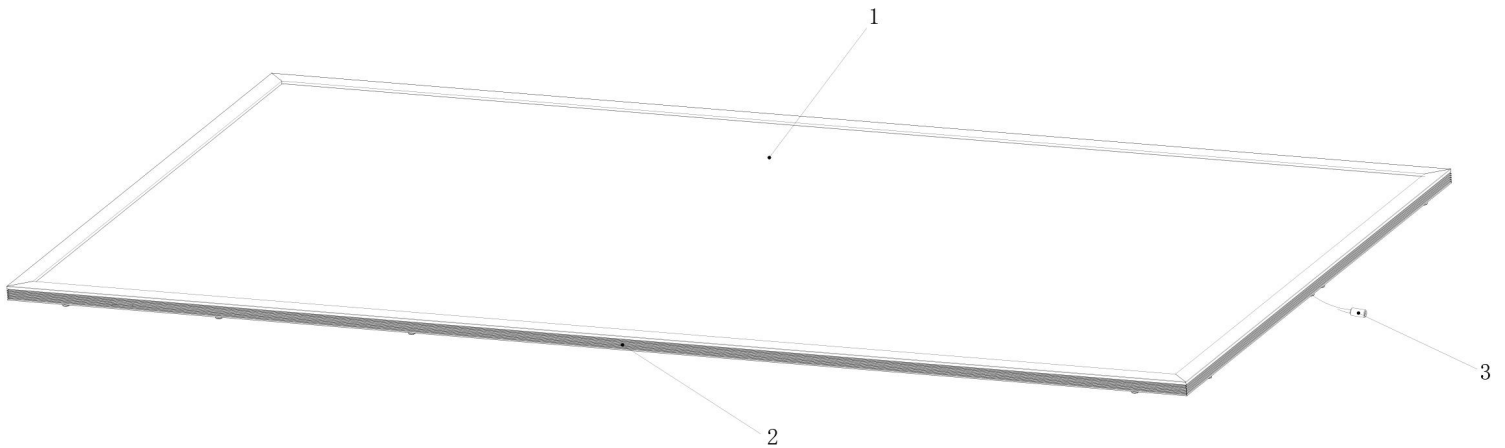
Item	Inner box	
Qty	box/1	
Size	L1240x W40 x H980MM	
NW	2.8kg	
GW	3.2kg	



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## Installation Instructions

- 1、Open the packaging box, and then inspect if there is damage of the LED light. Pls contact the manufacturer if there is damage.
2. The main body is shown as below:

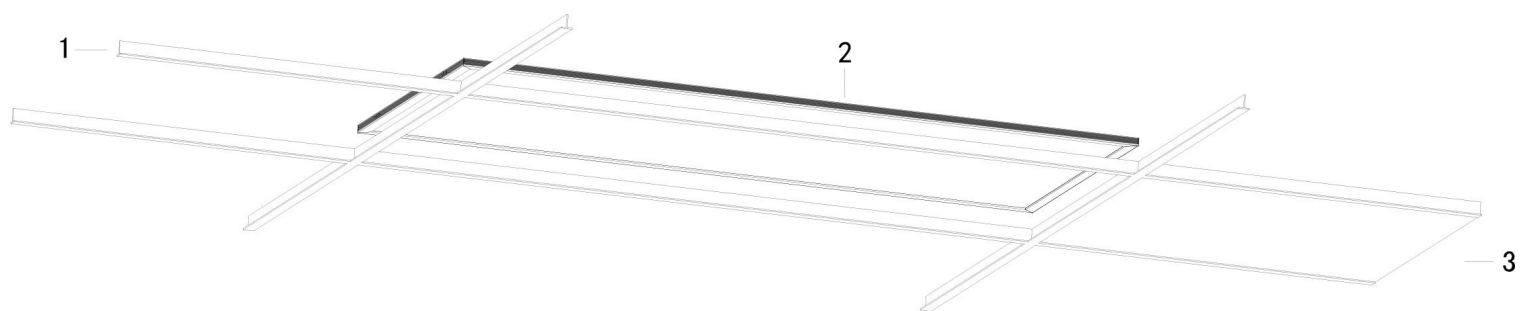


- 1、Light output area    2、body    3、DC input connector

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## 2、Installing way

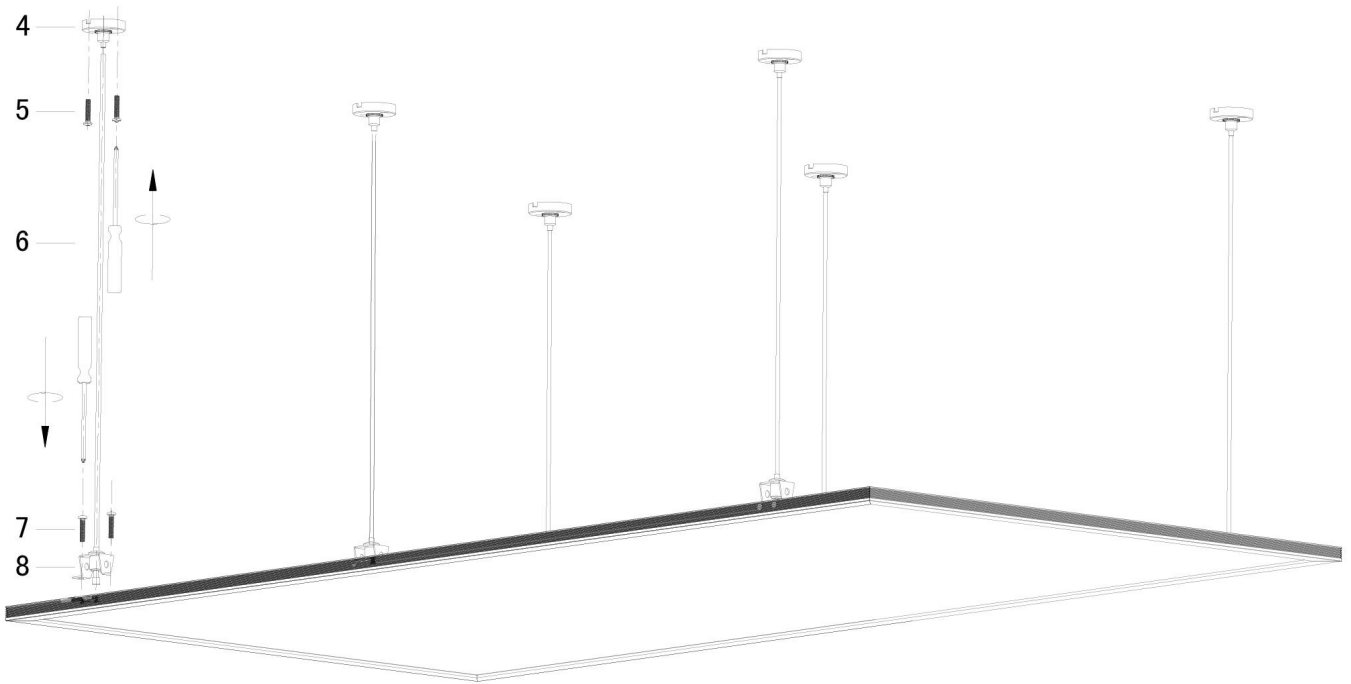
➤ Built-in .



1、Keel frame    2、led panel    3、 plaster board

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➤ suspending



## Announcements

1. All the test data is gained under the condition of specified input voltage and rated output, and that the temperature of working environment is 25 °C , the humidity is less than 85%, the beam angle is 45 degree.
2. The product couldn't be waterproof, so please use it indoor.
3. Inspect if the voltage and current is qualified. Pls do not dismantle the product without authorization.
4. 3 years warranty