



HB30 Series UFO High Bay Light



CE CB RoHS

150lm/W
170lm/W
190lm/W

IP65

IK08

Warranty

CCT Selectable

Power Selectable

Microwave sensor

Product Features

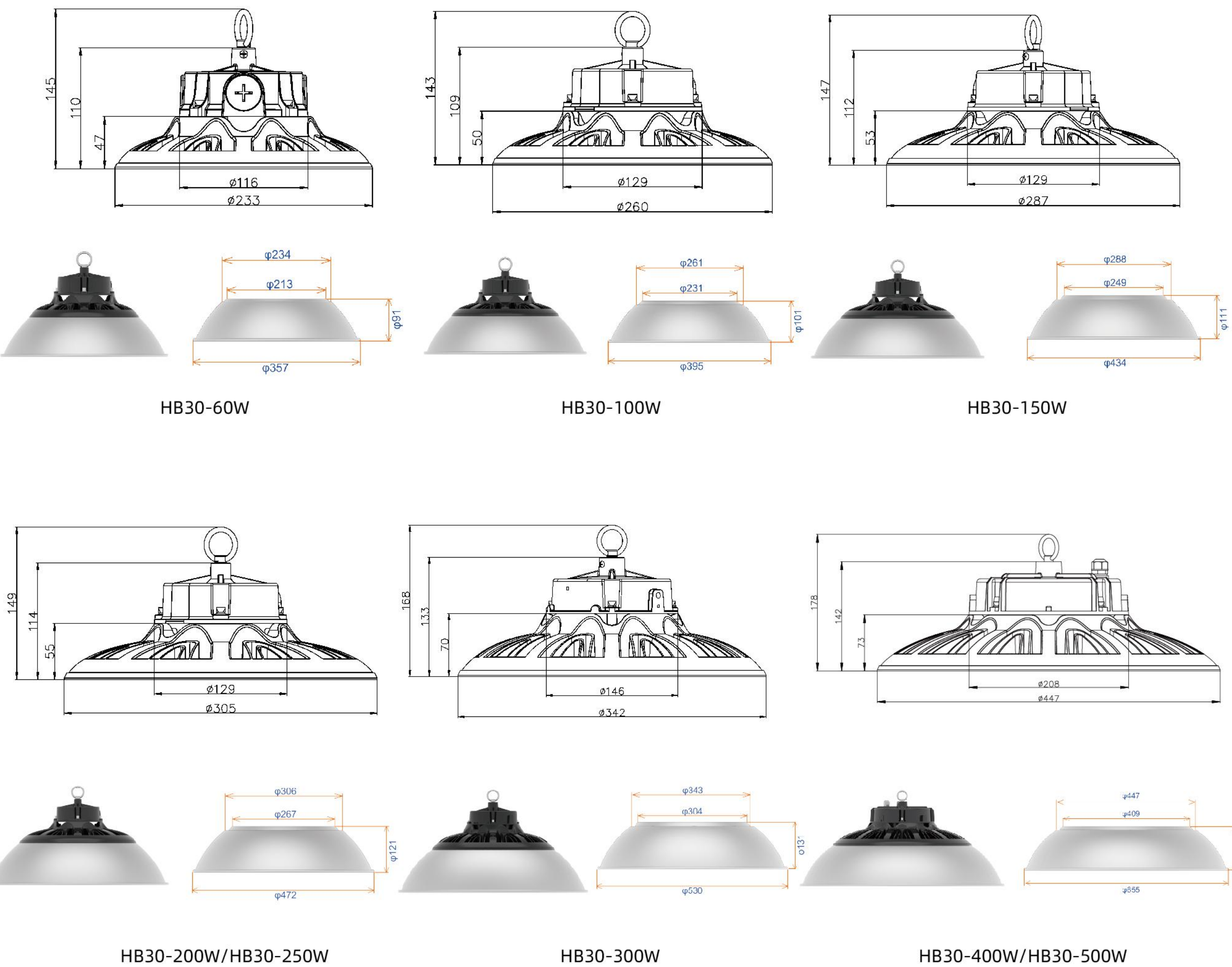
- Adopt fin structure design, with lower cost and better heat ventilation.
- Whole lamp electrophoresis process, the product has excellent anti-corrosion and anti-rust functions.
- Product protection grade can be up to IP65, can be used in high humidity places.
- beam angle, 60~300W will be 60 °/ 90 °/ 120 ° optional and 400~500W, 40 °/ 60 °/ 90 °, optional, high light transmittance, flame retardant, wear-resistant and UV-resistant, to meet different light distribution needs.
- Using high-quality SMD2835 LED chips and non-isolated driver, with high efficiency and long life.
- Regular, 1-10V or DALI dimmable, sensor for option, more energy-saving than other traditional highbay.



Technical Parameter

Model No.	HB30-60W	HB30-100W	HB30-150W	HB30-200W	HB30-250W	HB30-300W	HB30-400W	HB30-500W
Power	60W	100W	150W	200W	250W	300W	400W	500W
LED type	SMD2835							
LED Qty(pcs)	130/172	208/300	300/450	420/680	420/680	616/935	1100/1530	1100/1530
Input Volt (V)	100~240V							
PF	> 0.9							
Lumen (LM/W)	150~190							
Beam Angle	60°/90°/120°						40°/60°/90°	
CCT	3000~6500K Single or 3CCT Adjustable optional							
IP	IP65							
Size	φ233×H145	φ260×H145	φ287×H147	φ305×H149	φ305×H149	φ342×H168	φ447×H178	φ447×H178

Dimensions



01
02

Product Analysis



High Brightness Lumileds LED Chips

1. CCT: 3000K/4000K/5000K/5700K/6500K.
2. Lumen Output: 150lm/w, 170lm/w, 190lm/w.
3. CRI>80.
4. Lifetime: 50,000H@L70.

ZHAGA base or Sensor base, optional

1. Zhaga Base.
2. Microwave Sensor Base

High Strength Polycarbonate Lens

1. Beam angle options : 40°/60°/90°/120°.
2. IK 08.



Impact testing and waterproofing



IK Degree: IK08

The degree of protection provided by an enclosure against harmful mechanical impacts.



IP Degree: IP65

Prevent water spraying, and the water jet aiming at the equipment from any direction shall not cause damage.

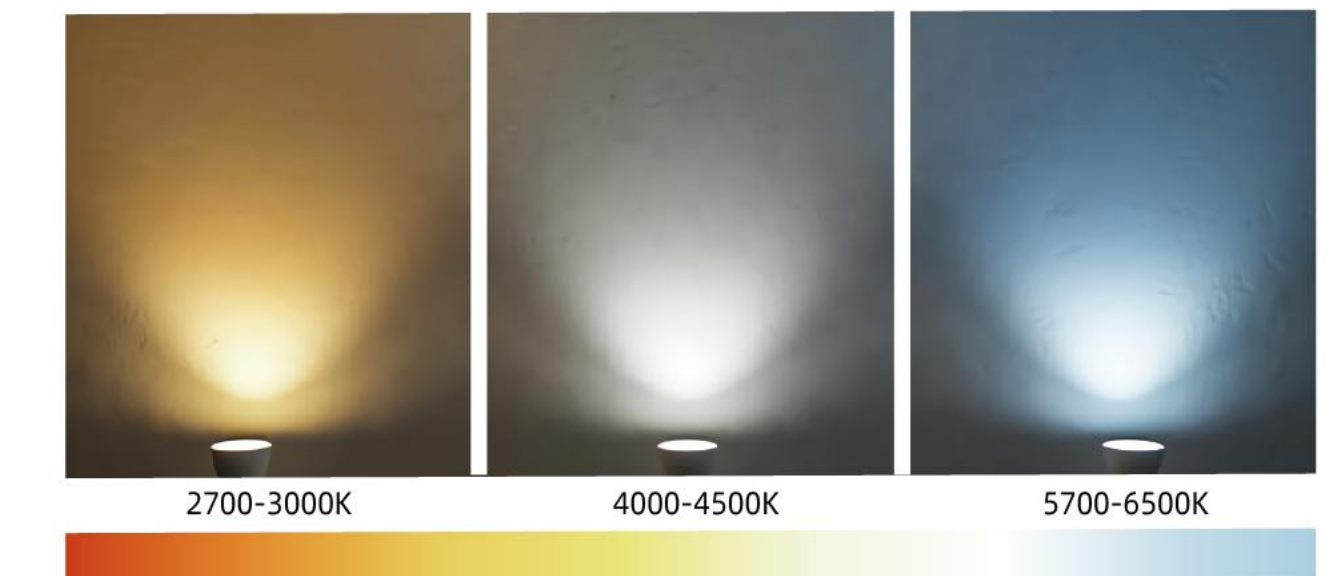
High Efficiency LED



High-brightness LED chips provide optimal light output, luminous efficiency, and service life, meeting international standards. Uniform light distribution is achieved through the combination of lenses. High-precision mold manufacturing process, light is concentrated and evenly distributed, and the light utilization ratio is 20% to 30% higher.

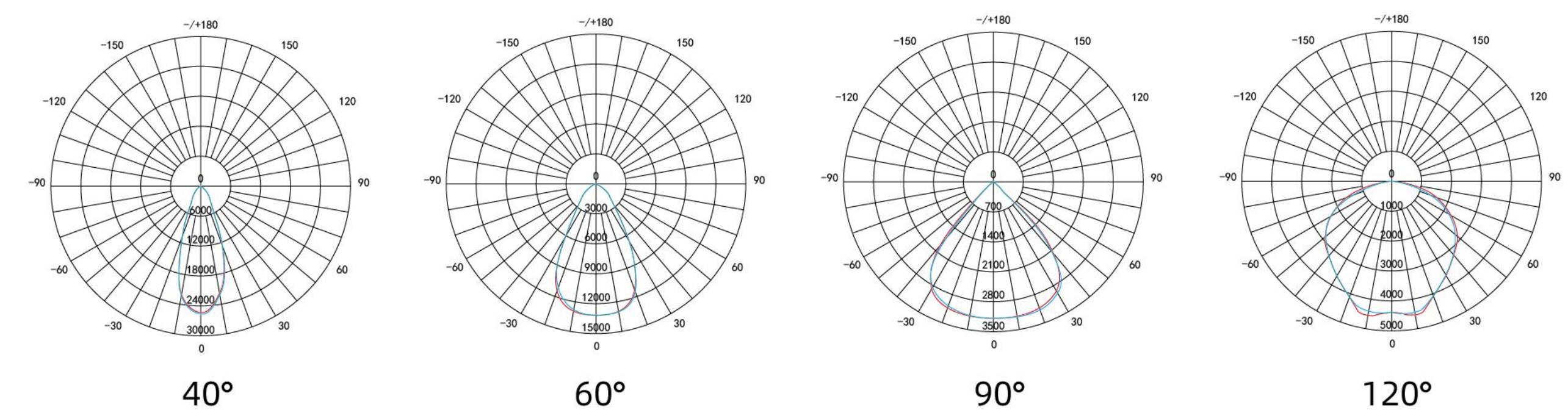
Color temperature range

The color temperature can be adjusted according to the lighting needs, and 2700K-6500K cold and warm light can be switched to meet different lighting needs.

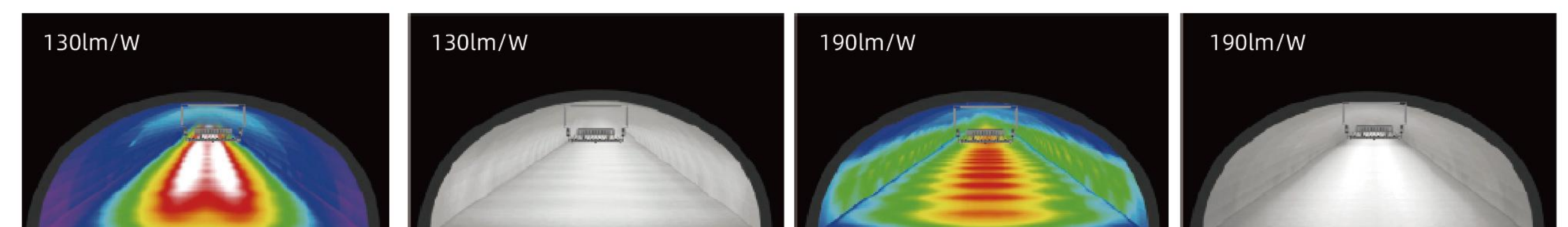


Light distribution curve

Breakthrough high light efficiency redefines lighting energy efficiency standards! Compared with traditional lamps, the light efficiency is improved by more than 90%, and the energy consumption is reduced by nearly half at the same brightness. Each lamp can help you save electricity bills, reduce carbon emissions, and light up a green future with technology!



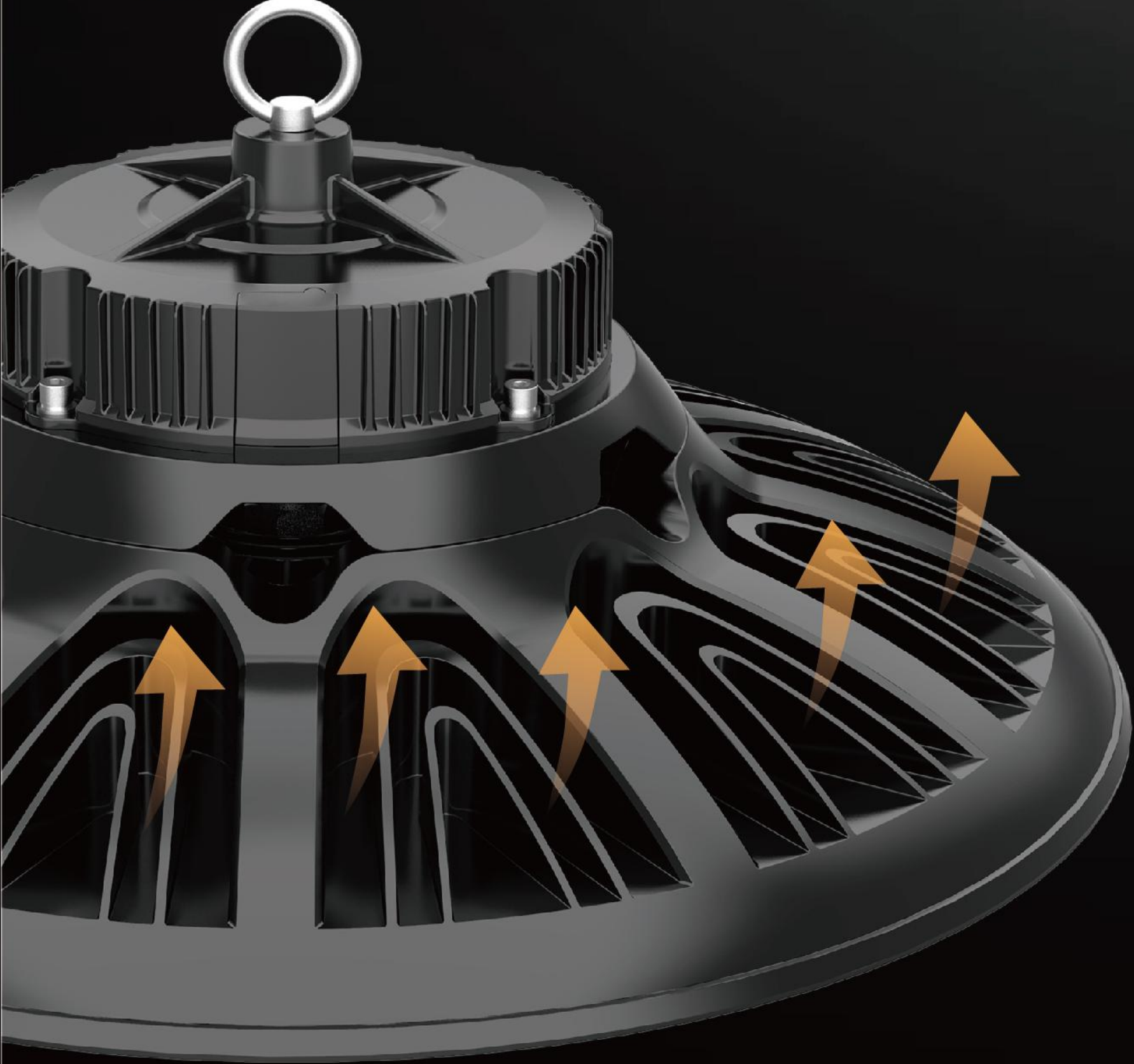
Breakthrough 190lm/W high light efficiency, redefining the standard of lighting energy efficiency! Compared with traditional lamps, the light efficiency is increased by more than 90%, and the energy consumption is reduced by nearly half at the same brightness. Every lamp is saving you electricity bills, reducing carbon emissions, and lighting up a green future with technology!



ALUMINUM DIE-CASTING SHELL

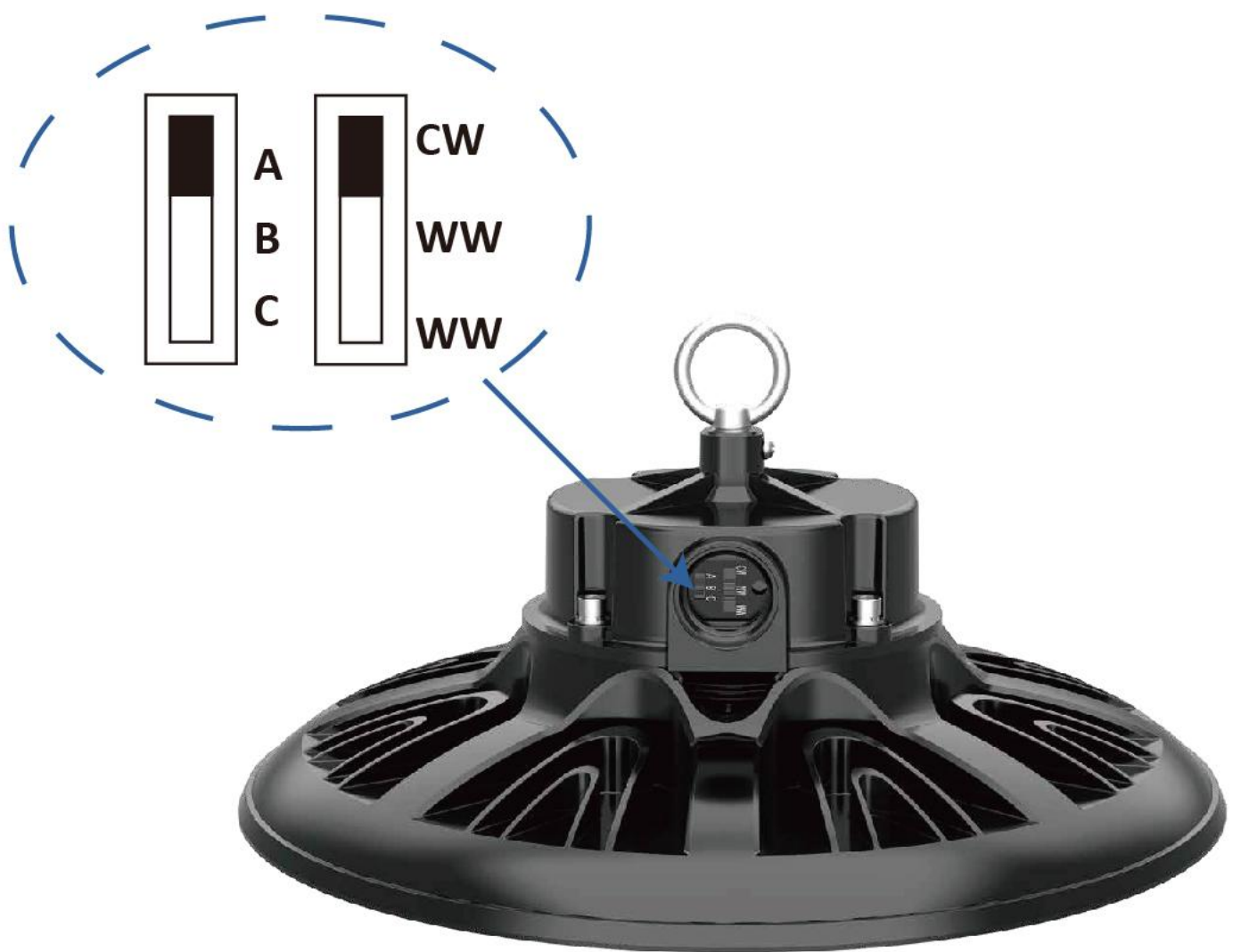
Disk shaped hollow structure+aluminum alloy heat dissipation fins, thermal resistance ≤ 5 °C/W, ensuring stable operation of the chip in 50 °C environment

Dimensions

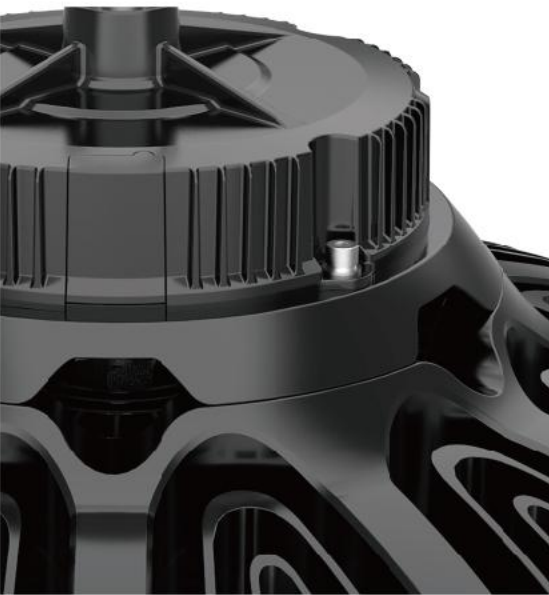


Color temperature range

A	B	C
100W	80W	60W
150W	120W	100W
200W	150W	100W
240W	200W	150W
300W	240W	200W
500W	400W	300W
WW	NW	CW
4000K	5000K	5700K



Detail Display



BODY

The body is made of high-pressure die-cast aluminum alloy, which has strong corrosion resistance. The overall design is simple and elegant, modern and beautiful.



Integrated heat dissipation design

Disc-shaped hollow structure + aluminum alloy heat sink fins, thermal resistance ≤5°/W, ensuring stable operation of the chip in a 50°C environment.



Modular installation

The lamp body is separated from the power supply, which makes the replacement or maintenance of the light source quick and easy and can be completed without tools, thereby improving maintenance efficiency by 80%.



Intelligent temperature regulation

It supports 0-100% brightness adjustment and 2700K-6500K color temperature switching, suitable for day and night production mode or emergency lighting needs.

Spare Part Options



Zhaga Socket



Microwave Sensor



Alu Reflector



U Bracket



Safety Steel Rope

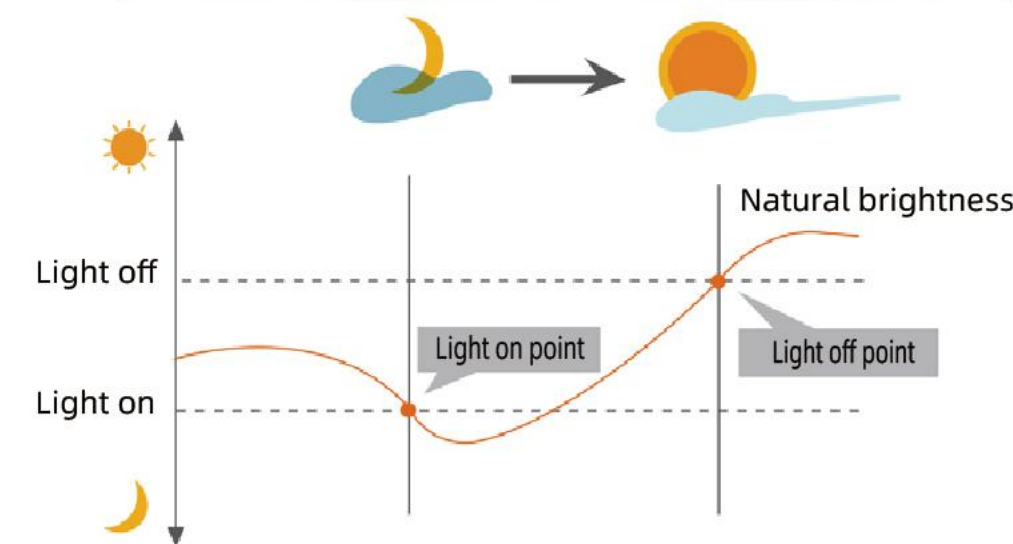
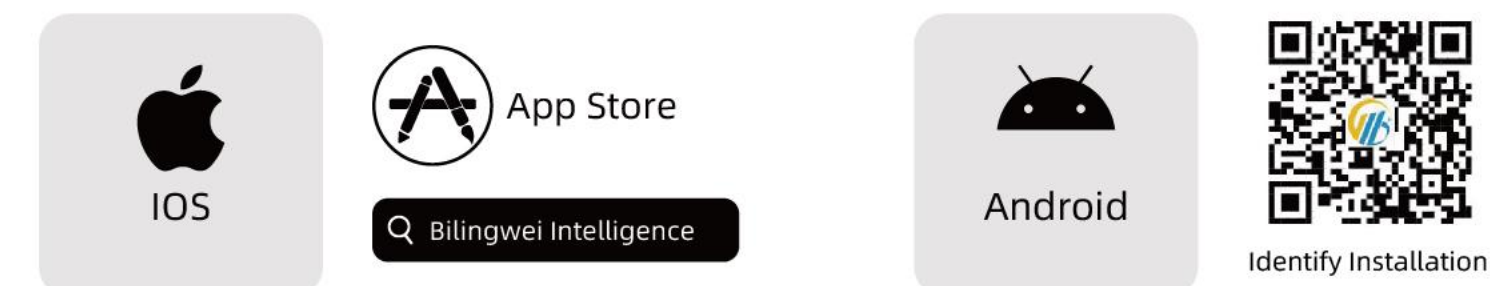
Design of intelligent controller

There are two control modes: standard mode and sensing mode. The required control mode can be selected according to the installation environment.

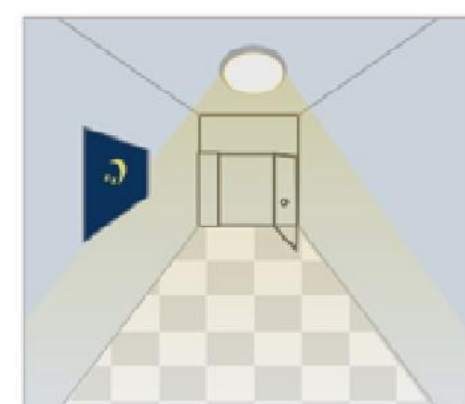
- Standard mode: installing APP can realize local or remote group control, switch and dimming lamps, and can also be used with local scene switch.
- Induction mode: the light controller is equipped with microwave radar induction function, which can realize induction linkage within the group according to the requirements of illumination.

APP installation

- ① Apple App Store Sousu: Bilingwei Intelligence
- ② Android scanning QR code installation:



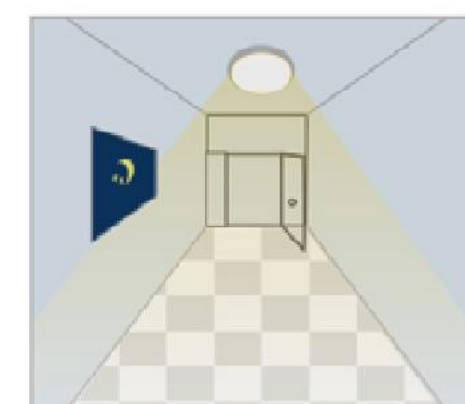
Auto ON-DIMLight SensorPriority



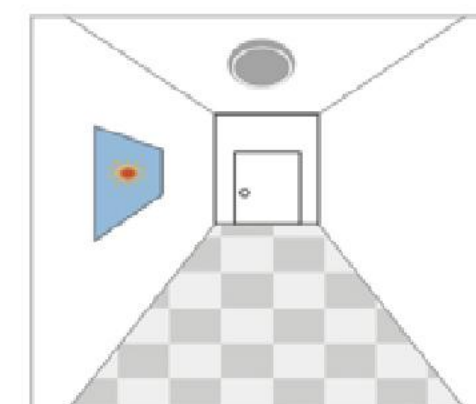
When the ambient brightness is less than the preset light on value, it automatically lights up.



Sensors are picking up movement. Lights are 100% on.

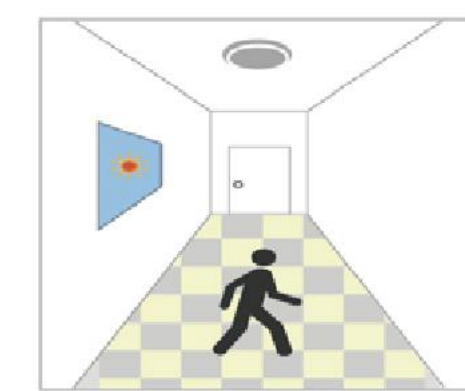


After the delay time is over, there is no one walking in the sensing area, and the brightness of the light dims into the waiting time state until someone is detected again.



When the ambient light brightness is greater than the light off value, the lamp is automatically extinguished.

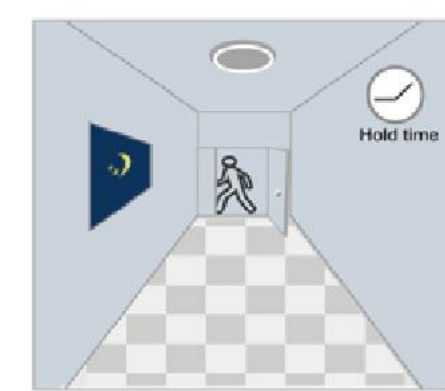
Auto ON-OFF Light Sensor Enabled



When the ambient light is sufficient, the light will not be lit when someone passes through the induction area.



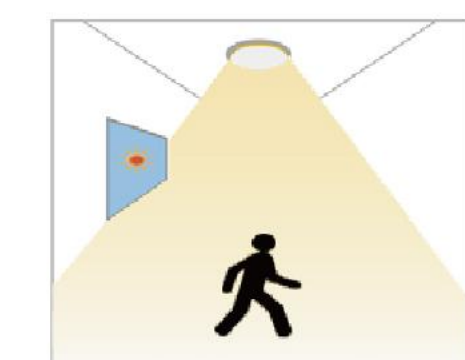
When the ambient light is insufficient, the light automatically lights up after someone passes through the sensing area.



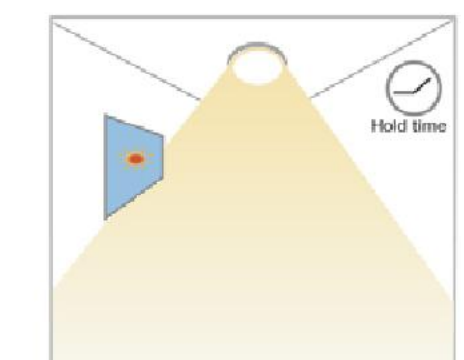
After the person leaves the sensing area, the sensor does not detect anyone walking around again, and the light is turned off after a delay of a period of time.

Sunlight through value is set to 2 lux / 10 lux / 30 lux / 50 lux / 80 lux / 120 lux. Wait time is set to 0s. When the ambient light is insufficient, the sensor detects that someone is walking and the light automatically turns on; application places such as corridors and stairwells.

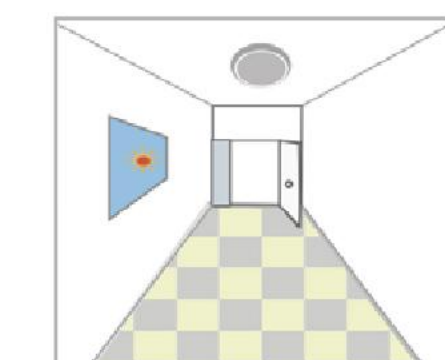
Auto ON-OFF Light Sensor Disabled



When movement is detected, the light automatically turns on 100%.



When the person leaves the detection area the light remains 100% bright for a delay of some time.

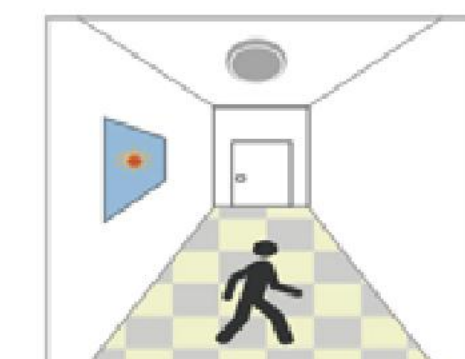


After waiting time, the sensors no longer detect movement, and the lights go out.

Daylight intrusion value is set to 2Lux/10Lux; Waiting time is set to 0 s / 5 s / 30 min / 5 min / 10 min / 30 min. As long as the sensor detects that someone is walking around when the light is on, the person leaves after the guard (Wu) time ends the light automatically goes out. Application: underground parking lot, underground passage and other places.

Daylight intrusion value is set to 2Lux/10Lux; Waiting time is set to 0 s / 5 s / 30 min / 5 min / 10 min / 30 min when insufficient environment brightness, sensors detect when someone moving lights, people leave the lights automatically out waiting period is over. Application: underground parking lot, underground passage and other places.

Auto ON-DIM-OFF Light Sensor Enabled



When the ambient light is sufficient, the light will not be lit when someone passes through the induction area.



When the ambient light is insufficient, the light automatically lights up after someone passes through the sensing area.

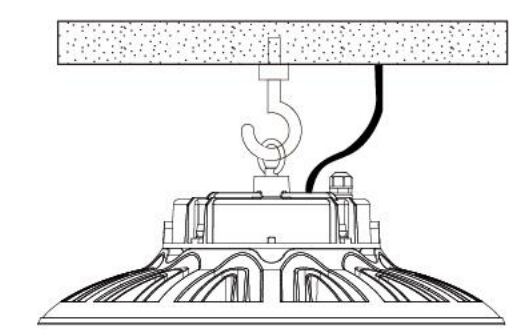
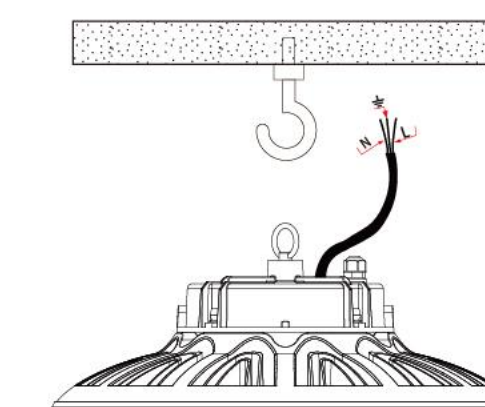
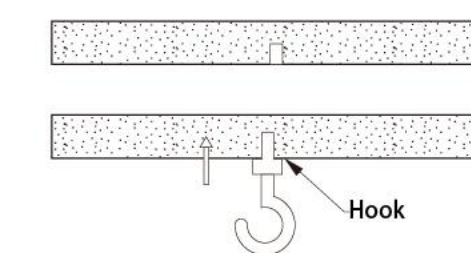


After the person leaves the induction area, the sensor does not detect anyone walking around again, the light is kept 100% brightness, and the waiting time is entered after a delay of a period of time.



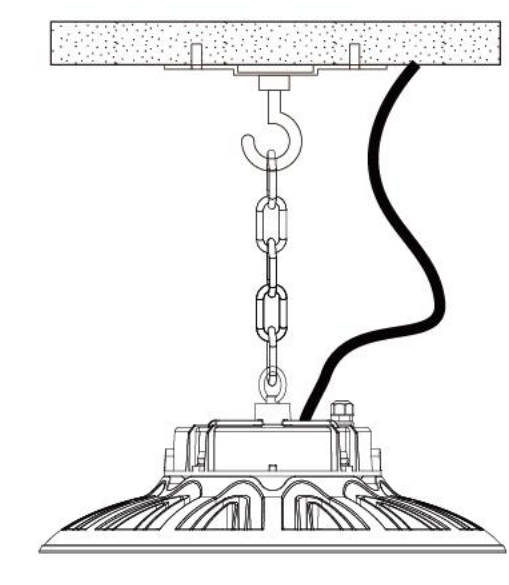
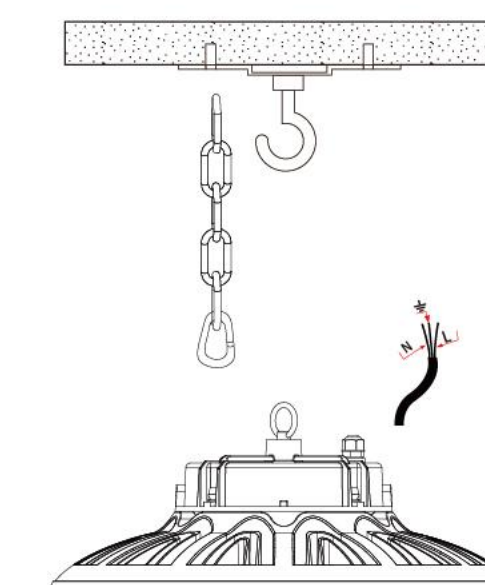
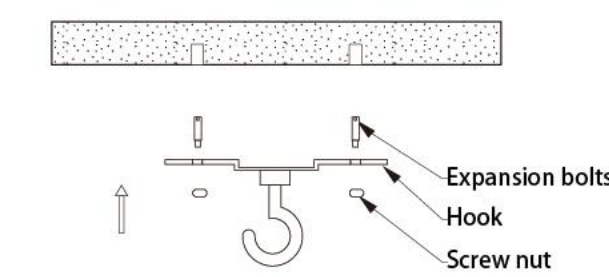
After waiting time, the sensors no longer detect movement, and the lights go out.

Installation hook mounting installation-1



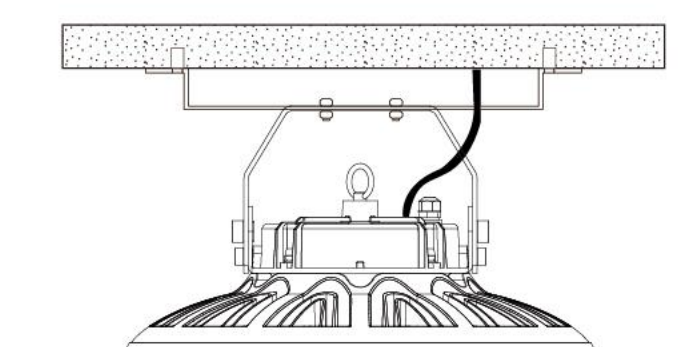
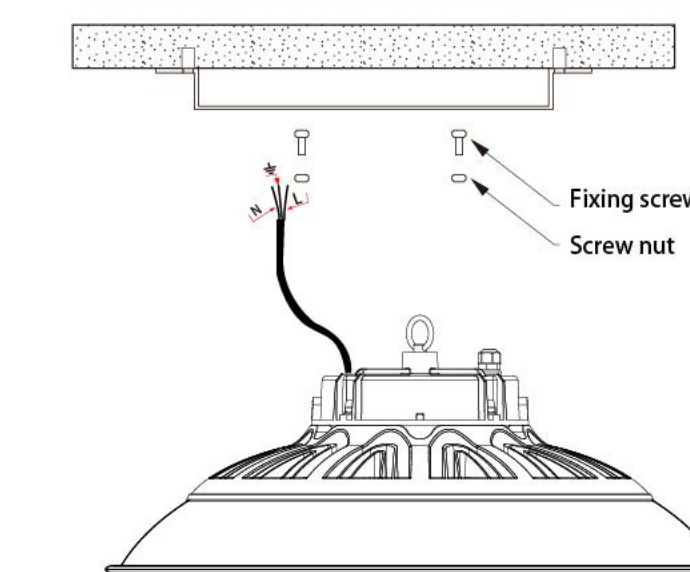
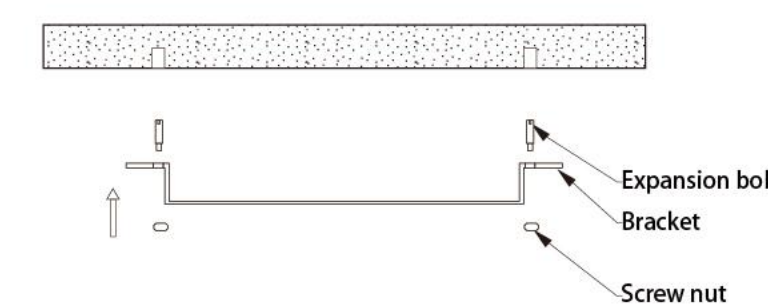
1. Drill corresponding size holes in the ceiling. Put the hook into the holes.
2. Making the full fixture's ring hang on the hook. Keeping it stable.
3. Notes distinguish the L / N / GND line.

hanging chain installation-2



1. Drill corresponding size holes in the ceiling, Put the Expansion bolts into holes. Fixed the hook on the ceiling with nut.
2. As Photo 2 showing, Using the chain's buckle button up the fixture's ring.
3. As photo 3 showing, Hanging the chain's another-side ring on the hook with carefully.
4. Notes distinguish the L / N / GND line.

support installation

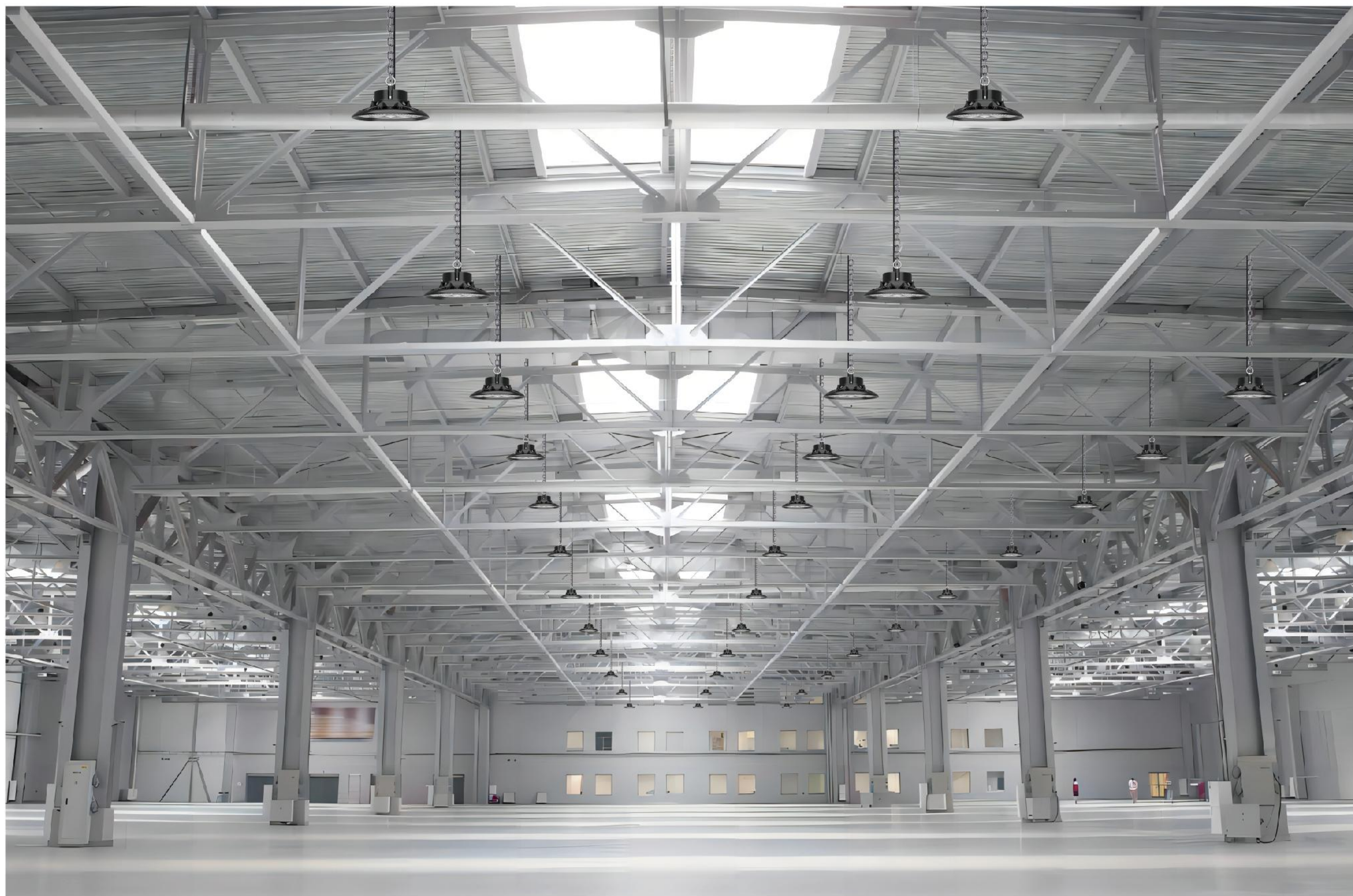


1. Drill corresponding size holes in the ceiling, Put the Expansion bolts into holes. Fix the bracket to the ceiling with nuts.
2. As shown in Figure 2, use fixing screws to fix the lamp and bracket.
3. Notes distinguish the L / N / GND line.

Caution

1. Please read the installation instruction carefully before installing;
2. The brown wire is live line (L), the blue wire is zero line (N) and the green yellow wire is earth line (PE);
3. Do not close to the place with heat source to prevent damaging the UFO for high temperature;
4. Ensure right wiring;
5. Do not disassemble the without permission;
6. Please cut off the power supply before installation or maintenance.

Widely used in factories, warehouses, logistics centers, retail stores, theaters, restaurants and a large indoor gymnasium and other places, will be 30% more energy-saving than traditional LED highbay light.



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