UFO LED Highbay Light

BRIGHTEN YOUR LIFE

NEW LED TECHNOLOGY THAT ALLOWS THE COEXISTENCE OF ENVIRONMENTAL PROTECTION AND ENERGY SAVING

Benefits

1. Replace conventional Highbay Lights.

2. Precision Die Cast Aluminum Housing.

3. Fade Resistant Powder Coat Finish.

4. Easy Installation.

5. CE ROHS listed.

6. With a microwave sensor in the middle of the lamp.

CE RoHS ISO 9001 SGS

ETL c us
Intertek
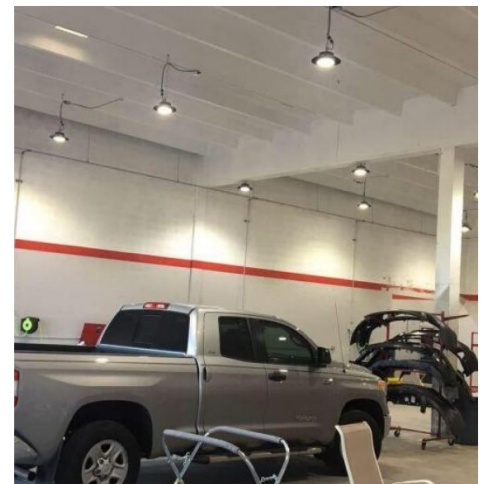**4010207**

Optional

BB-GKD-XXX-E3

Features

1. Beam angle:60 90 120 degrees.

2. Aluminum die-casting heat sinks is good for heat dissipation.

3. It's major to replace the conventiona highbay light.

4. Green, energy saving, long and reliable life of 50,000 hours.

5. No RF interference, No IR/UV radiation ,no mercury pollution.

6. Wide colour availability in degrees Kelvin(K),2700-6700K.

7. Streamline exterior design, beautiful appearance.

8. Environment friendly ,energy saving (70~80%).

9. Special circuit design, each LED work separately,
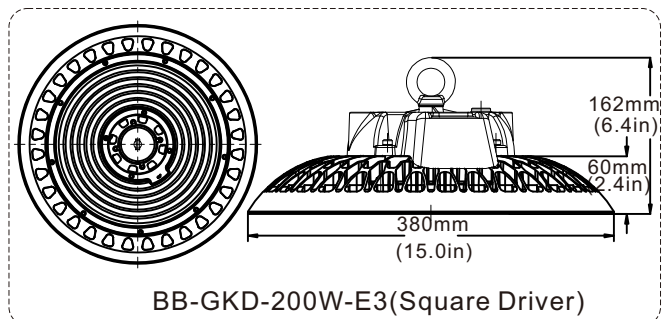
   avoiding the single broken LED influence problem.

3030 SMD LED

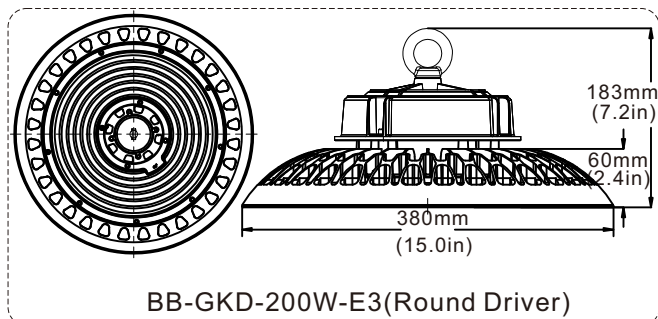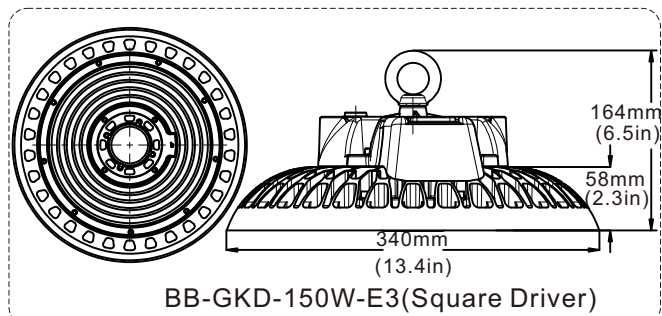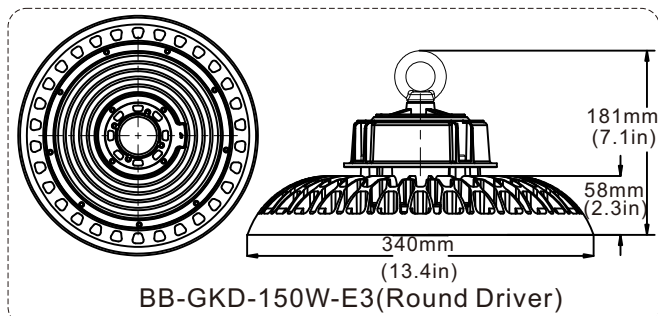UL listed Power Supply

Microwave Sensor

Application
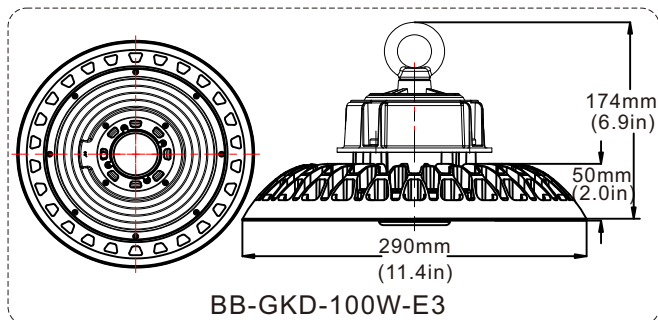
1. Parking areas Lighting.
2. Ceiling Lighting.
3. Warehouse Lighting.
4. High/Low Bay Lighting.

SPECIFICATIONS

Power	100W	150W	200W
Model	BB-GKD-100W-E3	BB-GKD-150W-E3	BB-GKD-200W-E3
Luminous Flux	13000lm	19500lm	26000lm
Replacement	HPS 300W	HPS 400W	HPS 600W
Model differences	Different installation accessories:A-Ring mounting;B-Bracket mounting		
Light Sourse	SMD LED		
Luminous Efficacy	130lm/W standard , avaiable in 150lm/W 160lm/W 170lm/W 180lm/W 190lm/W		
Operation Temp.	-40 to +45℃		
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW		
CRI	70+		
Life Span	50,000 hours at 25℃		
Voltage	100-277VAC/50-60HZ		
Driver	UL listed power supply		
Dimming	Dimmable　　　　　Dali dimming optional		
Sensor	Default:Microwave sensor;　　EMERGENCY BACK UP avaiable.		
Default Function	100% sensing distance;Light brightness 50LUX;Hold time 30 seconds;Wait brightness 20%; Waiting time is 15 minutes.		
Remote control	Optional		
Control System	APP, remote control, touch screen, light control and other control options available		
Beam Angle	Default 90°;60°120° optional		
Cover	Lens cover:60°90°; Flat cover:120°		
IP	65		
PF	>0.95		
Warranty	5Years		

DIMENSIONAL DRAWING

BB-GKD-100W-E3

174mm (6.9in)
50mm (2.0in)
290mm (11.4in)

BB-GKD-150W-E3(Round Driver)

181mm (7.1in)
58mm (2.3in)
340mm (13.4in)

BB-GKD-150W-E3(Square Driver)

164mm (6.5in)
58mm (2.3in)
340mm (13.4in)

BB-GKD-200W-E3(Round Driver)

183mm (7.2in)
60mm (2.4in)
380mm (15.0in)

BB-GKD-200W-E3(Square Driver)

162mm (6.4in)
60mm (2.4in)
380mm (15.0in)

LUMINOUS INTENSITY DISTRIBUTION

-/+180
-150   150
-120   120
-90   90

1300
2600
3900
UNIT:cd
5200   C90 /270
-30   6500   30

AVERAGE BEAM ANGLE(50%):116.0 DEG

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

C90 /270

INTENSITY (cd)

6500
5200
3900
2600
1300

-180.0 -144.0 -108.0 -72.0 -36.0 0.0 36.0 72.0 108.0 144.0 180.0
ANGLE (DEG)
AVERAGE BEAM ANGLE (50%):116.0 DEG

PROJECTS

By using our 100W Highbay Light to replace 300W Metal Halide bulb for warehouse high bay lighting fixtures,the customer is now able to save a lot per month from his electric bill.

Replace

100W LED = 300W MH

Note：

• Don't take the LED lamp apart.

• The LED lamp must work under the right voltage according to the specification.

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Microwave Motion Sensor

Introduction

- Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts.
- Built-in adjustable daylight sensor.
- Detection area,time delay and daylight threshold can be precisely set via DIP switch.
- Wide detection area,range uo to 16m in diameter and mounting height 15M Max.suitable for warehouse use.

The sensor is innovative and active motion detectors with HF system 5.8GHz.Motion can be detected through plastic,glass and thin non-metal materials.except the higher mounting height 15m Max.

The sensor allow energy saving without compromising comfort.When used in combination with 1-10V dimmable LED drivers or ballasts,they can achieve 3-step dimming function,which is perfect for use in some areas that requires a light change notice before totally switch off.

Dimming Function

3-step dimming function

When used in combination with 1-10V dimmable LED drivers and ballasts,the sensor can achieve 3-step dimming function,100%--->low light--->off.And the sensors build in adjustable daylight sensors,very easy to install and cost-effective.
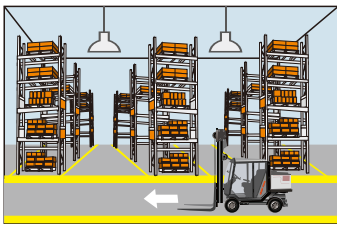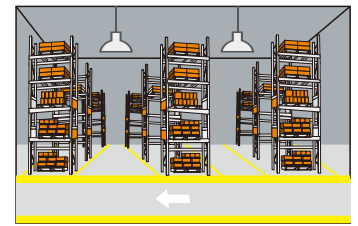
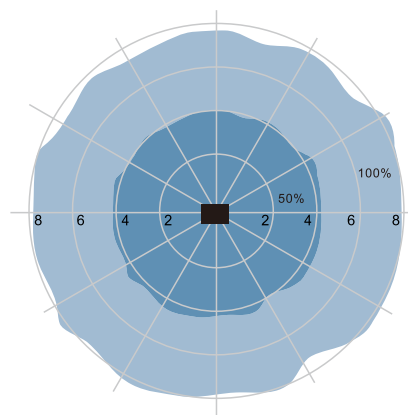|			
With sufficient ambient light, the sensor does not swith on the lamp.	With insufficient ambient light, the sensor switches on the lamp when motion is detected.	After hold time,the sensor dims the lamp at a low light level if no new motion trigger.	After stand-by period,the sensorswitches off the lamp if no motionis detected in its detection zone.
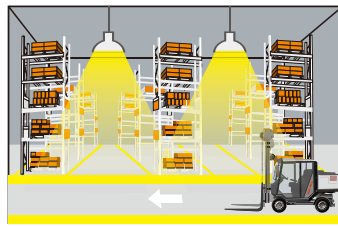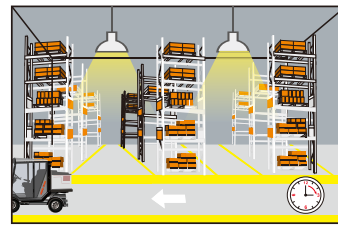
Detection Pattern
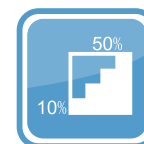
Ceiling mounting pattern (Unit:m)

100%
50%

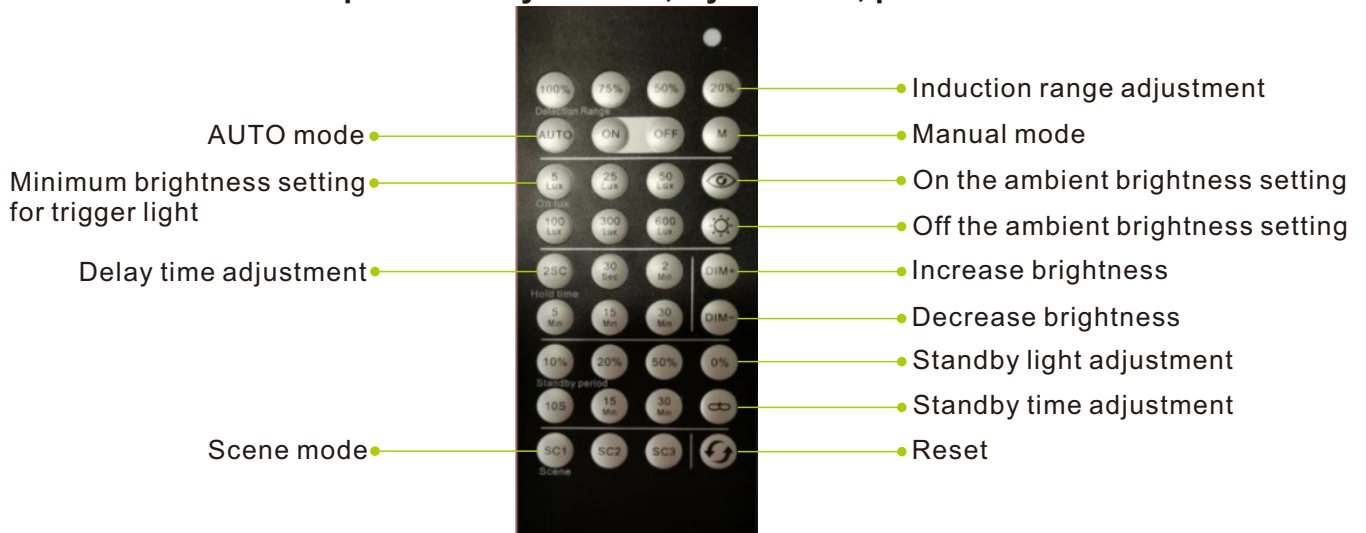8 6 4 2   2 4 6 8

Max.8M

Hold Time
5s~30min
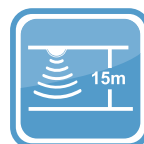
Mounting Height
15m Max.

Automatic
Dimming

Remote Control

*The remote control is not provided by default,If you need, please contact sales.

AUTO mode

Minimum brightness setting
for trigger light

Delay time adjustment

Scene mode

Induction range adjustment

Manual mode

On the ambient brightness setting

Off the ambient brightness setting

Increase brightness

Decrease brightness

Standby light adjustment

Standby time adjustment

Reset

Product Features

- used with the microwave sensor to extend the sensor function.
- Remote control uses CR2025 battery.
- Remote control range: 10 meters (indoor use).
- The lamp connected with microwave sensor will flash once after receiving the remote control signal to indicate the received signal.

Key Function

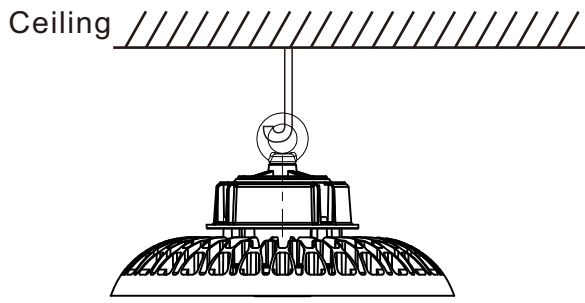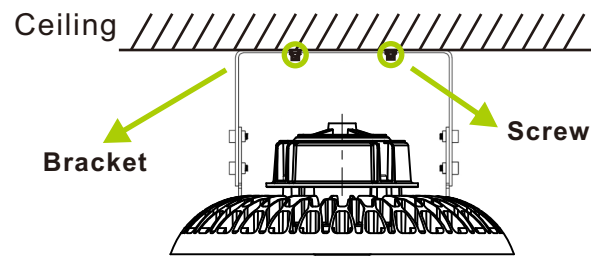|	
100% 75% 50% 20%	Induction range adjustment: Induction range adjustment, maximum 100% (10 meters). The actual sensing range and angle will be affected by the walking speed and surrounding environment.
AUTO ON OFF M	Operating mode: By pressing this key, the sensor enters into AUTO mode, that is, the sensor will automatically turns on or off the lamp according to the moving objects and the ambient light level within the induction range. Under ON OFF mode, the sensor enters into AUTO mode by pressing this key. By pressing this key, the lamp will turn on for 8 hours, then enters into AUTO mode. By pressing this key, the lamp will turn off for 8 hours, then enters into AUTO mode. By pressing this key, the sensor enters into MANUAL mode, the detail function needs to read the sensor specification.
5 Lux 25 Lux 50 Lux 100 Lux 300 Lux 600 Lux	Light control value adjustment: The light control range is adjusted, and the lamp will automatically turns on when the ambient brightness is lower than the set value and the moving objects is detected both. By pressing this key, the ambient brightness can be learned and commit to thememory used for the set light control value. By pressing this key, the lamp operates and is not controlled by Lux.

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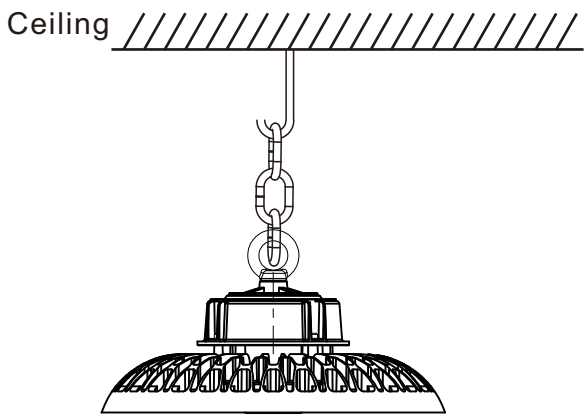|	
	Delay time adjustment: Delay time adjustment, that is, the time after the induction is stopped and the set time is reached, the lamp is turned off.
	Light control range manual adjustment: By pressing the key, the lamp brightness continues to increase, and the lamp brightness can be learned and commit to the memory by re-pressing this key. By pressing the key, the lamp brightness continues to decrease, and the lamp brightness can be learned and commit to the memory by re-pressing this key.
	Standby light adjustment: By pressing the key, the lamp will switch on 10% of total brightness if the daylight value is under the "Light control value" setting value, and vice versa. By pressing the key, the function of Standby light adjustment is OFF.
	Standby time adjustment: By pressing the key, the lamp will turn on for 10 seconds if the daylight value is under the "Light control value" setting value, and vice versa. By pressing the key, the lamp remains on.
	Scene mode: Corridor mode: Light control value = 50Lux, Delay time = 30seconds, Standby light = 15%, Induction range = 75%, Standby time = ∞ Office mode: Light control value = 300Lux, Delay time = 5 minutes, Standby light = 30%, Induction range = 100%, Standby time = 15 minutes Warehouse mode: Light control value = 300Lux, Delay time = 2 minutes, Standby light = 15%, Induction range = 100%, Standby time = 30 minutes
	Reset: By pressing this key, the lamp is on for 2 seconds when the sensor is triggered and uncontrolled by Lux.

INSTALLATION

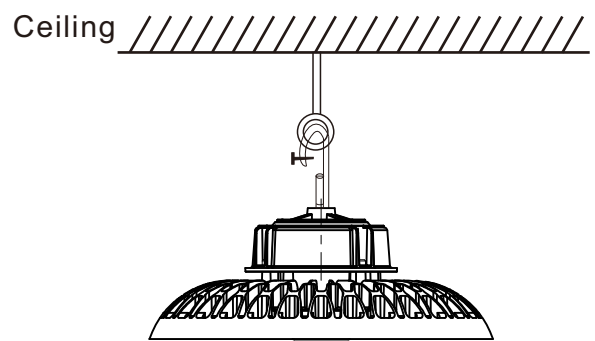UFO LED Highbay Light has four kinds of installation:

Ceiling //

1. The suspension loop

Ceiling //

Bracket

Screw

2. Bracket type

Ceiling //

3. Suspension chain

Ceiling //

4. Hook hanger

PACKING INFO

Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
1pc/CTN(100W)	360*360*165mm	1.3kg	1.8kg	5.34kg
1pc/CTN(150W)	400*390*190mm	3.4kg	4.12kg	7.21kg
1pc/CTN(200W)	430*430*190mm	3.8kg	4.48kg	8.60kg