



# UFO High Bay TS Series



140-160  
lm/W

[www.ofled-lighting.en.alibaba.com](http://www.ofled-lighting.en.alibaba.com)

- Light Efficacy up to 140-160lm/W
- Input Voltage: 100-240/277Vac or 200-240Vac 50/60Hz.
- 3 or 5 years warranty.
- Option:  
PIR sensor ,Microwave Sensor,  
Daylight Sensor..

**Choosable:**  
Electric galvanized ring  
304 stainless steel ring



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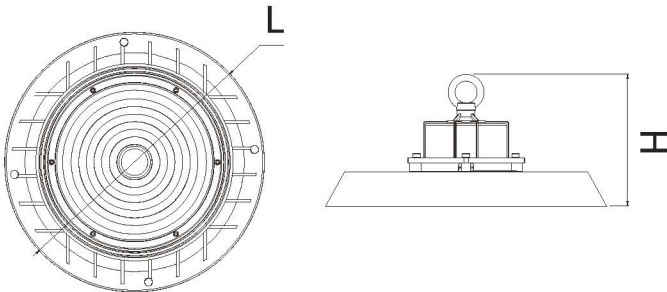
[www.ofled-lighting.com](http://www.ofled-lighting.com)

# Specifications

Item No.	OHD-HBUFO06TS-100XX	OHD-HBUFO06TS-150XX	OHD-HBUFO06TS-200XX
Watt(W)	100W	150W	200W
Product Size	φ232*155mm	φ276*155mm	φ330*160mm
Input	100-240/277Vac or 200-240Vac 50/60Hz		
Light Efficiency(lm/W)	140-160lm/W		
CCT	3000K-6500K		
Beam Angle	60°/90°/110°		
PF	0.95		
CRI(Ra)	70+		
Material	Aluminum		
Working Temperature	-20℃ ~ +45℃		
Storing Temperature	-20℃ ~ +80℃		
Choosable	Electric galvanized ring / 304 stainless steel ring		
Protection Grade	IP65		
Warranty Years	3&5 Years		



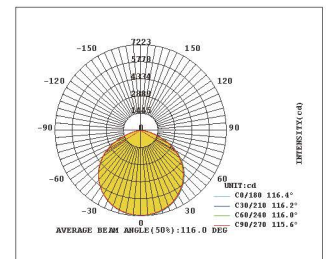
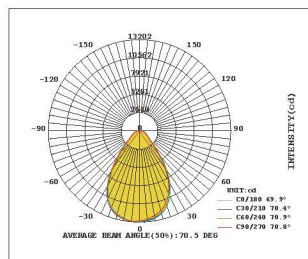
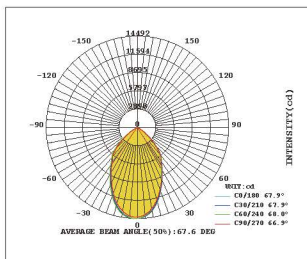
# Dimension



Item No.	L(mm)	H(mm)
OHD-HBUFO06TS-100XX	φ232	155
OHD-HBUFO06TS-150XX	φ276	155
OHD-HBUFO06TS-200XX	φ330	160

- There will be slight deviation in the actual situation, which is subject to the actual situation.

# Luminance distribute curve



# Sensors



■ Sensors can be replaced freely

! After removing the sensor, please install the cover plate to keep the overall sealing of the lamp

Model	HSSA08-ID	HSSA08-MID	HSSA08-PID
Input Voltage	DC12V (ripple voltage<400mV)		
Input Current	50mA		
Output	0-10V 15mA(Max)		
Max Detection Range	-	15m	12m
Microwave Frequency	-	5.8 GHz ± 75 MHz, ISM band	-
Microwave Tx Power	-	1mW Max	-
Lux Range	0-60000lux		
Operating Temperature	-40℃ to 85℃	-40℃ to 85℃	-20℃ to 35℃
Waterproof	IP65		
Housing Material	PC V0		

# Remote control buttons

luminance + / - 10%

- Copies the set parameters to another sensor
- Turn off the light sensor
- All sensor Settings are restored to their initial values
- Light sensor and motion sensor on/off simultaneously
- Luminaire switch
- Adjust brightness of all lamps to 100%
- Set wait brightness (default: 50%)
- Set background brightness (default: 0%)
- Set the target brightness time (default: 10min)
- Set the waiting brightness time (default: 30min)
- Adjust sensing range (default: 100%)
- Set target illuminance value (default: 100Lux)



## Accessories(To be updated...)



60°



90°

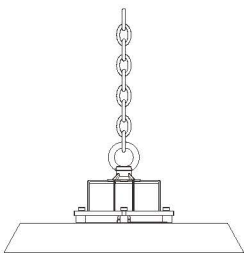


120°

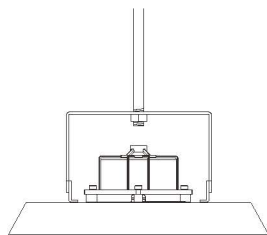
## Important Cautions

- The sensor should be installed by a professional electrician. Make sure power supplier is turned off before connecting power wires.
- Sensitivity will be decreased when the sensor is installed inside a lamp cover made of plastic or glass. It's about 20% decrease per 3mm in thickness of the lamp cover. PIR motion sensor is NOT allowed to be installed inside a lamp.
- Sensor detection range is subject to installation height of sensor, size of detected object, speed of movement, and installation environment.
- You may need to reconfigure the sensor parameter in a different installation environment.
- The sensor is for indoor use only. If used for outdoor, wind, rain and any moving objects around could cause the sensor to elicit a false trigger.
- The distance between any two sensors should be more than 2 meters.
- When sensor is installed inside a metal housing lamp, the metal surface or narrow and closed environment would reflect the microwave multi-times to cause a false trigger. Please reduce sensor sensitivity or move the sensor away from that location.
- Keep the sensor away from high density object such as metal, glass or concrete wall. Otherwise it may falsely trigger.
- Make sure there's no fan, dc machine, sewer pipe, air outlet and any other moving signals around the sensor. Otherwise it may falsely trigger.
- Microwave cannot pass through metals. Avoid installing the microwave sensor in a fully closed or half-closed metal lamp. Be sure there's no metal placed in front of the sensor.
- The sensor works with a 0-10v dimming LED driver for dimming purposes. Low-ight effect differs from different 0-10v dimming drivers used.

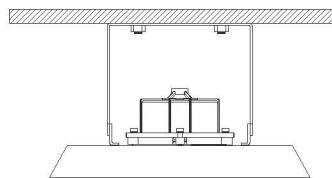
## Multiple Mounting Options



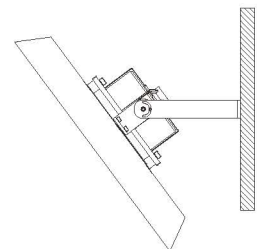
Ring Mounted



Rod Mounted



Ceiling Mounted



Wall Mounted

# Zigbee

System including charged equipment end (controller, intelligent power supply), sensors (mobile sensors, optical sensors, optical sensors, color sensors, sun sensors, temperature and humidity sensor, etc.), manual control side (images of the wall panel, remote control), the local server and application software control side (server, gateway, software), and the cloud server. The components work together. After setting, the system will run automatically.



## CONTROLLER

- 1-10 V CONTROLLER
- 0-10 V CONTROLLER
- STRIP CONTROLLER
- SWITCHING CONTROLLER
- SILICON CONTROLLED CONTROLLER



## POWER

- 12-80W DIMMING POWER SUPPLY
- 12-80W DIMMING AND TONING POWER SUPPLY
- 100W-200W DIMMING POWER SUPPLY
- 12 W RGBCW POWER SUPPLY



## SENSOR

- ILLUMINANCE SENSOR
- COLOR TEMPERATURE SENSOR
- MOTION SENSOR
- PRESENCE SENSOR
- TEMPERATURE AND HUMIDITY SENSOR



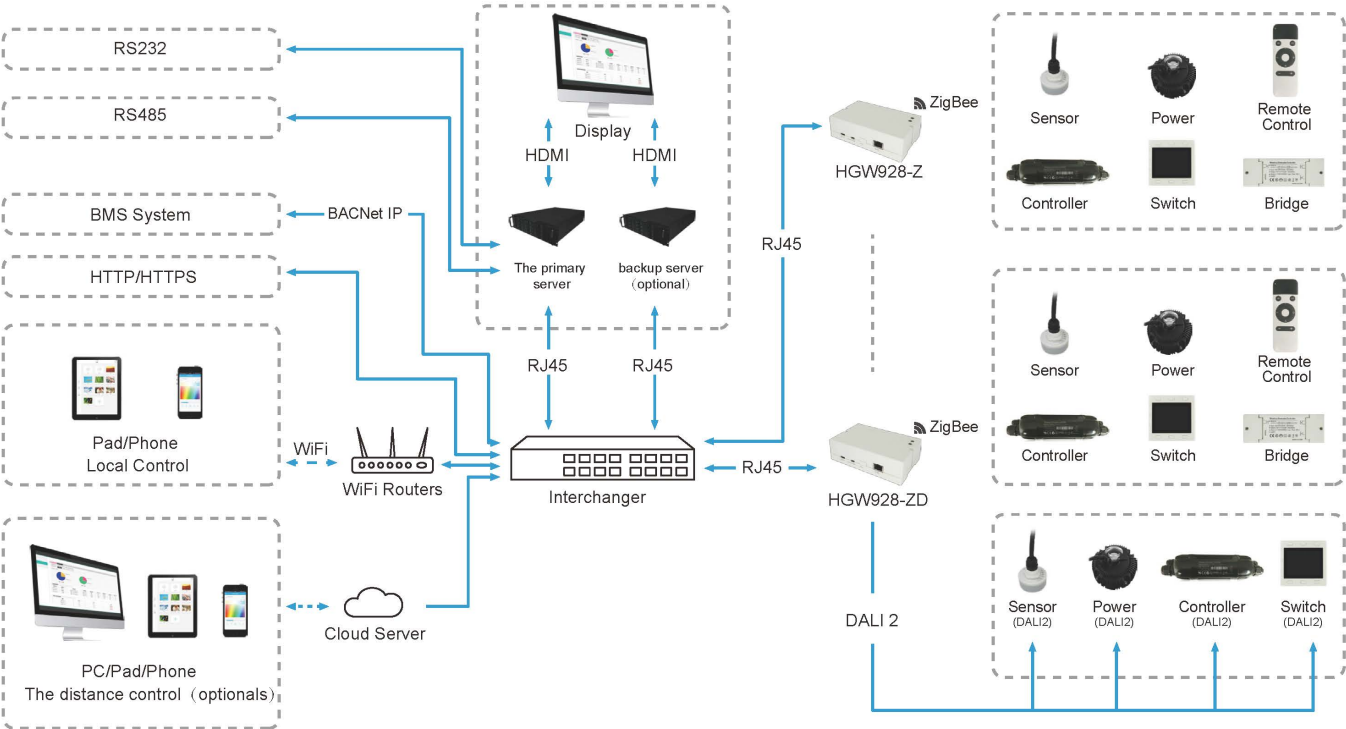
## GATEWAY

- NETWORK PORT - ZIGBEE GATEWAY
- NETWORK PORT -ZIGBEE-POE GATEWAY



## REMOTE CONTROLS

- THE REMOTE CONTROL
- WALL SCENE PANEL
- WALL DIMMING PANEL
- PASSIVE WIRELESS PANEL



**DALI wired stability is combined with the convenience of ZigBee wireless**

## Accessories



OHD-PUE-AR  
Aluminum reflector  
60°/90°/120°



OHD-PUE-PR  
PC reflector  
60°/90°/120°



OHD-PUE-FG  
Frost glass  
T=3.8mm Tempered



OHD-PUE-PRC01  
PC reflector cover  
(Tapered bottom cover)



OHD-PUE-PRC02  
PC reflector cover  
(Conical Gloss Bottom Cover)



OHD-PUE-TG  
high definition  
Tempered glass



OHD-PA-RB01  
Rotatable bracket



OHD-PU-NRB01  
Non-Rotatable bracket



OHD-PU-SR01  
Safety rope



OHD-PA-WC2  
Waterproof connect  
+2m cable



OHD-PA-WC5  
Waterproof connect  
+5m cable



OHD-PA-SC  
Suspension chains



OHD-PA-APW01  
Australian plug+1.5m cable  
(driver connect directly)



OHD-PA-APW02  
Australian plug+1.5m cable  
+waterproof connect



OHD-PA-MS03  
IP65 Microwave sensor  
(With remote control  
function)



OHD-PA-MS03  
IP65 Microwave sensor  
(Without remote control  
function)



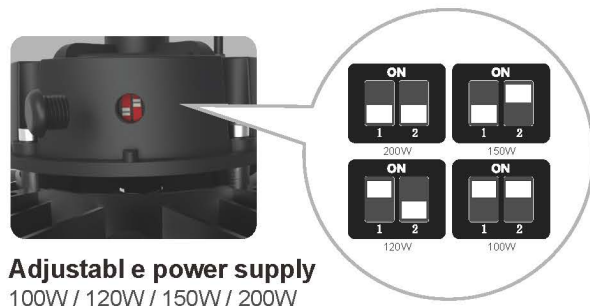
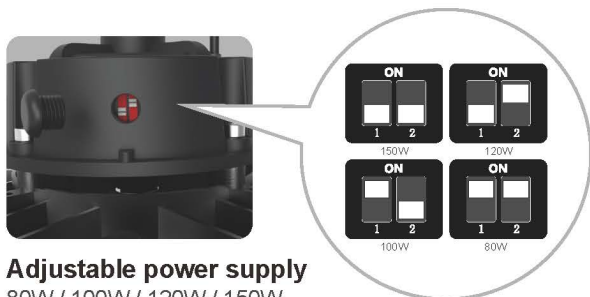
OHD-PA-DS01



OHD-PA-MS004DC  
DC Microwave sensor  
(With remote control  
function)

## Way to install

### ADJUSTABLE POWER SUPPLY USAGE



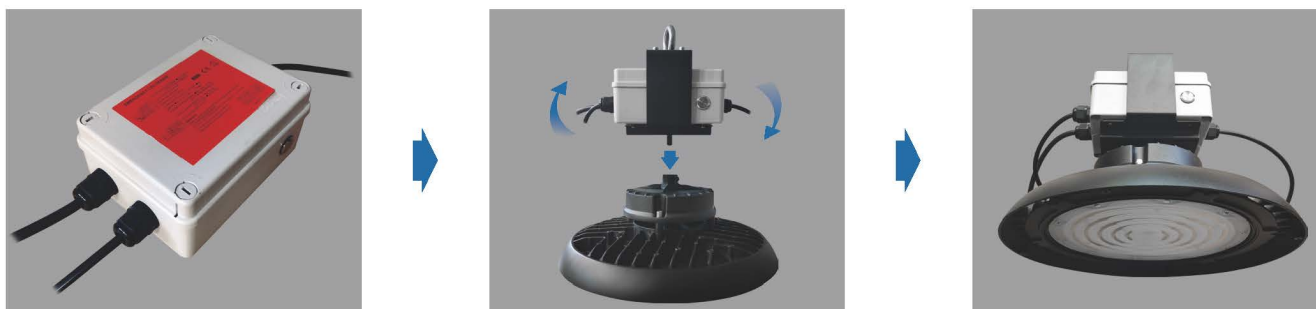
### INDUCTOR EXTERNAL CONNECTION



#### Fittings installed

Can support DIY quick installation sensor, easy and quick.

### EMERGENCY POWER SUPPLY



Input Power: 7W max

Discharge Time: 180min

## Application



- The products are widely used in shipyards, mines, workshops, factories, warehouses, highway toll stations, gas stations, large supermarkets, exhibition halls, gymnasiums and other places that need industrial and mining lighting.