LED Flood Light 3 Step Dimming

20% / 50% / 75% / 100% wireless remote control

BRIGHTEN YOUR LIFE

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

Benefits

1. Replace conventional Flood Lights.
2. Precision Die Cast Aluminum Housing.
3. Durale Chip and Fade Resistant Powder Coat Finish.
4. Easy Installation.
5. CE ROHS listed.
6. California New Policy request Shoebox have to need
   3 Step Dimming with Sensor in 2017.

CE   RoHS   ISO 9001 SGS QUALITY ASSURED FIRM

100W-150W   200W-320W

Features

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

2. It's major to replace the conventiona flood light.

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

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

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

6. Streamline exterior design, beautiful appearance.

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

8. Special circuit design, each LED work separately,

   avoiding the single broken LED influence problem.

3030 SMD LED

Aluminum die-casting heat sinks

UL listed Power Supply

Application

1. Stadiums Lighting.
2. Building Exterior Lighting.
3. Amusement Park Lighting.
4. Airport Lighting.
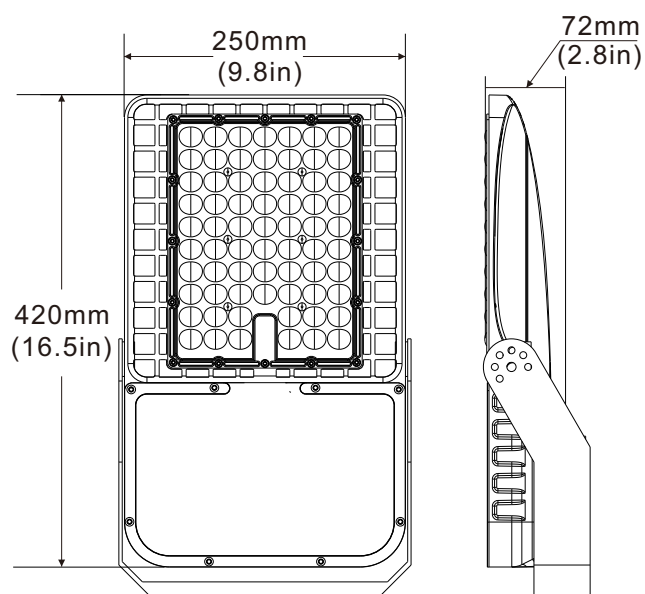5. Bridge Lighting.
6. Tunnel Lighting.

 * California New Policy request Shoebox have to need 3 Step Dimming with
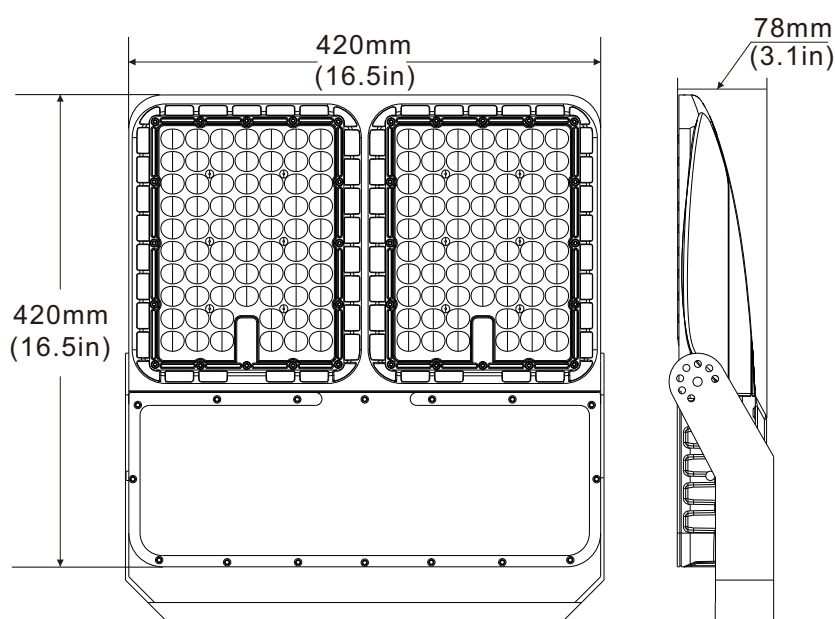
   Sensor in 2017.

SPECIFICATIONS

Power	100W	150W	200W/240W	320W
Model	BB-LD-100W-S-X-YY-DRZ BB-LD-100W-S-X-YY-HV	BB-LD-150W-S-X-YY-DRZ BB-LD-150W-S-X-YY-HV	BB-LD-200W-S-X-YY-DRZ BB-LD-240W-S-X-YY-DRZ	BB-LD-320W-S-X-YY-DRZ BB-LD-320W-S-X-YY-HV
Luminous Flux	13000lm	19500lm	26000lm/31200lm	39000lm
Replacement	HPS 300W	HPS 400W	HPS 700W	HPS 1000W
Remark	X can be blank,A,B,or C,A means no photocell sensor , B means photocell sensor , C means motion sensor "YY" stand for CCT,YY can be CW,DW,NW,WW or SW. "DRZ" stand for driver,DRZ can be DR1,DR2,DR3 or DR4.			
Light Source	SMD LED			
Luminous Efficacy	130lm/w			
Operation Temp.	-40 to +45℃			
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW			
CRI	>80			
Life Span	50,000 hours at 25℃			
Voltage	DRZ : 100-277VAC/50-60Hz HV : 200-480VAC/50-60Hz			
With sensor	Timmer Control,Motion Sensor,Photocell Sensor,3 in 1 dimming, Wifi Zigbee Connect,photocell+timmer control,3 step dimming, GPRS,3G/4G,Blue tooth,PLC and smart motion sensor.			
Microwave sensor default setting	Someone brightness 100%, microwave sensitivity 75%, hold time 5 minutes, start illumination 50LUX, continuous brightness 30%, the duration of 30 minutes.			
Beam Angle	TYPE Ⅲ-M TYPE Ⅳ-M (Type 2 and Type 5 optional)			
PF	>0.95			
IP	65			
Warranty	3/5Years			

DIMENSIONAL DRAWING

100W-150W

200W-300W

LUMINOUS INTENSITY DISTRIBUTION

UNIT:cd
— V 0.0DEG PLAN,93.2deg
— H 0.0DEG PLAN,147.7deg

AVERAGE BEAM ANGLE(10%):120.5 DEG

UNIT:cd
— V 0.0DEG PLAN,111.4deg
— H 0.0DEG PLAN,105.8deg

AVERAGE BEAM ANGLE(50%):108.6 DEG
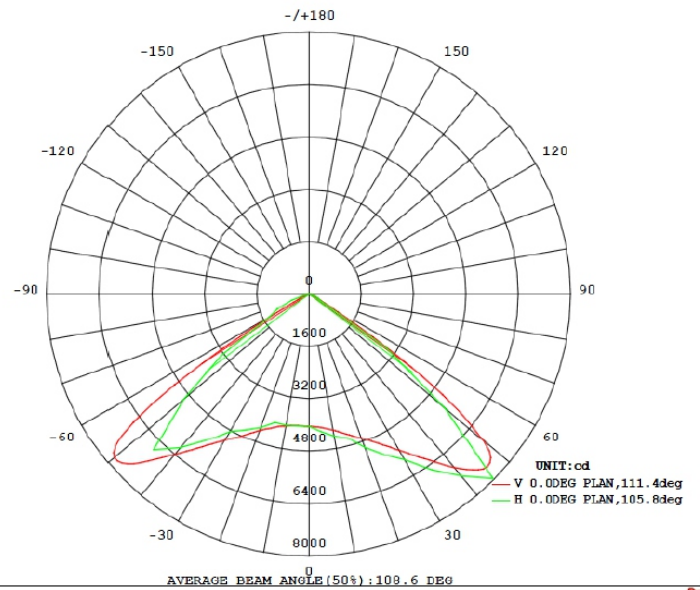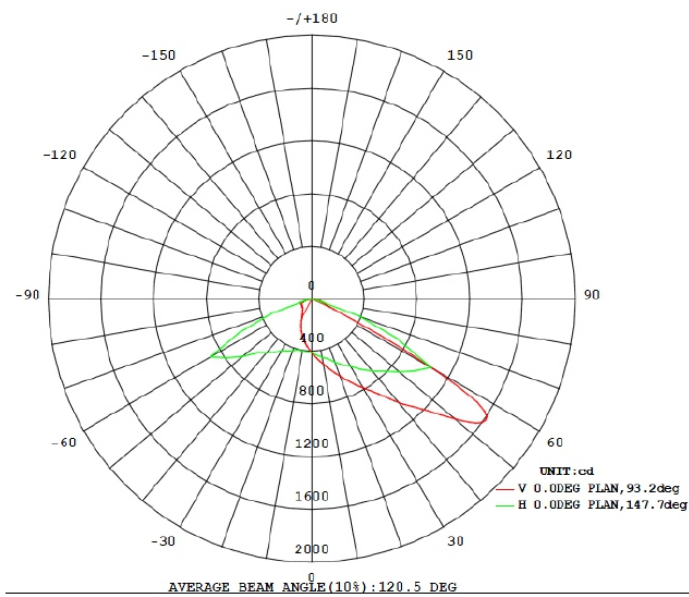
PROJECTS

By using our 300W Flood Light to replace 1000W Metal Halide bulb for Stadiums lighting fixtures,the customer is now able to save a lot per month from his electric bill.

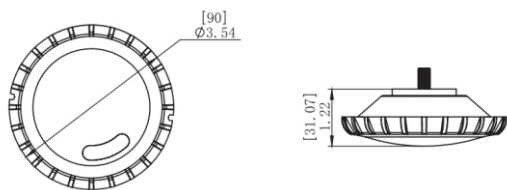
Replace

300W LED = 1000W MH

Note：

• Don't take the LED lamp apart.

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

Microwave Sensor

BR1816

Microwave sensor

Power supply	120-277VAC
Maximum load @-104°F~158°F (-40℃~70℃)	Resistive/Tungsten-600W@120V Ballast Electronic(LED)-800/1200VA@120/277V
HF System	5.8GHz CW
Dim controloutput	0-10V,max.25mA sinking current
Detection radius/angle	Max meters/360°
Mounting height	Max 50ft
Remote range	50ft.(15m)indoor,no backlight
Humidty	Max.95% RH
Temperature	-104°F~158°F(-40℃~70℃)

RC-100

wireless handheld Remote control

ON/OFF	Permanent on permanent off mode	**DISP**	DISPLAY Current Settings
SEND	The selected parameters go to SEND	**AUTO**	Back to previous settings before on/off model
RESET	100% 5m / 100% / 20% +∞	**TEST 2S**	In test mode,hold time is only 2s,and stand-by time and daylight sensor are disable.
▲ ▼	Enter in Adjustable Control parameters condition and navigate for UP and DOWN	**OK**	Confirm settings
◀ ▶	Navigate for Right and Left		Photocell On/Off,when the light level exceeds this setting,the lights will turn off even when the space is occupied. When light level goes below the settings,the light will turn on even without motion detection. This feature is disabled by default.
👁	The lastest surrounding lux value overites pervious lux value learned		
MODE1 MODE2 MODE3	To Save these New Settings parameters as Mode 1 Mode 2 Mode 3		
BRIGHTNESS	Adjust the brightness of the delay period 70%/80%/90%/100%	LUX	Set the sensor built-in light perception,☼on behalf of the built-in light value does not work, as long as the detection of movement, the light will automatically light.Eyes represent the light perception of the current environment as a built-in light perception,When the ambient light is less than or equal to the built-in light perception (👁/10LUX/30LUX/50LUX), the motion light is automatically turned on, otherwise it will not light.
SENSITIVITY	Adjust the detection range 20%/50%/75%/100%		
HOLD TIME	Adjust the delay time 10S/1M/5M/10M/15M		
STAND-BY TIME	Adjust the waiting time +∞ /1M/30M/60M		
STAND-BY DIM	Adjust the brightness of the waiting period 0/10%/20%/30%.Note: If 0 is selected, the sensor is switched and not dimmed		

Features

* Provides line voltage On/Off switching and 0-10VDC dimming control.

* Works with ballasts or LED drivers.

* High and low modes fully adjustable from 0 to 10V.

* Time delay from 5 to 30 minutes.

* Optional cut off delay.

* Adjustable ramp up and fade down times.

* High inrush stability zero crossing circuitry for reliable,long-life speration latching relayis durable for all load.

* Optional daylighting setpoints feature automatic calibration,or permit manual adjustment.

* Polycarbonate,flame retardant,UV resistant,impact resistant.

* UL773A and FCC.

Dimming Function

3-Step dimming function

The product can achieve 3-stage dimming control, to choose from: Brightness 100% -->

Dimming Brightness (10% 20% 30% optional) --> Off;

Provides two delay times:Full Bright Delay Time and Half Brightness Time;

Daylight Detection threshold and sensing distance adjustable.

If the set light value (10Lux, 30Lux, 50Lux) is less than the brightness of the ambient natural light, the lamp does not automatically enter the semi-bright state (10%, 20%, 30%). When someone enters the room, the sensor senses the movement of the human body, the light will be 100% full, when the person leaves, the full light delay time after the light will enter half bright (10%, 20%, 30%), half light delay time Off.

When someone enters the induction area during the day, when the light is sufficient, the lamp will not light.

Evening to night when the lack of light, people into the lamp sensor area, the lights automatically open 100% brightness.
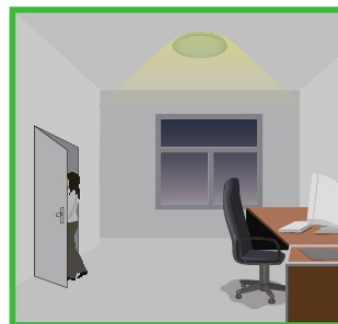
When the person leaves the sensing area, the brightness of the fixture will dim to 0/10% /20%/ 30% (optional) after the full delay time.

After the dimming delay time, if no one into the sensor area, the lights automatically shut down.

2-way IR communication for data upload,download, confirmation and storage.

Easy-to-read Display

Easy-to-use operation pad

Feature Of Wireless Handheld

* Establishes high and low mode light levels for 0-10V control.

* Sets time delay,cut off time and sensitivity for motion detection.

* Enables light level settings for either hold off control or daylighting control.

* Initiates automatic setpoint configuration.

* Allows ramp up and fade down rate adjustments.

* Locks sensor settings to prevent unauthorized changes.

* This product meets the materials restrictions of ROHS.

| Catalog No.	Color	Description
☐ BR1816	White	360° lens,maximum coverage 60' diameter from 8'-40' height
☐ RC-100	Black	Remote control Battery:AAAx2

INSTALLATION

Wall mounting

STEP1:Drill 2 holds on the wall(The distance between the two holes should be determined

according to the lamp), as picture1.

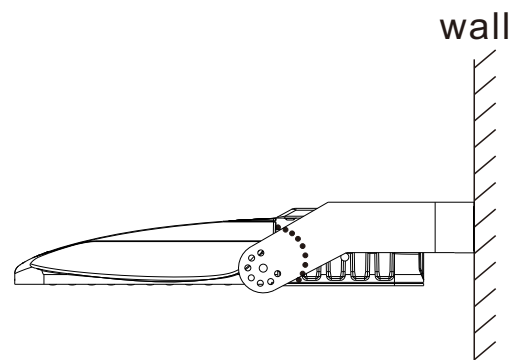STEP2:Put the 2 expansion studs into 2 holes.

STEP3:Use two expansion screws to secure the bracket to the wall through 2 holds.

STEP4:We should use the hex wrench to loosen the two screws on both sides of the bracket,

and then adjust the angle of the lamp, as shown in Figure 2.

STEP5:Secure the screws with a hex wrench, and finished.

wall

1   2
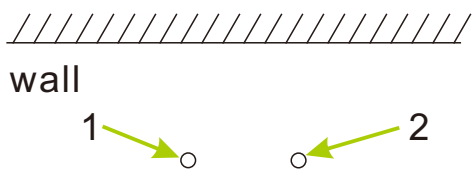
Picture1   Picture2

PACKING INFO

Packaging unit	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
1pc/CTN (100-150W)	640*294*121mm	7.0kg	8.0kg	6.0kg
1pc/CTN (200-300W)	634*462*131mm	8.0kg	9.0kg	9.5kg