# LED Street Light

## BRIGHTEN YOUR LIFE

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

PRODUCT SPECIFICATION

## 1 KEY FEATURES

1.High efficiency UL Certification Driver.

2.Imported original  Lumileds 3030 LED Chip.

3.Aluminum lamp housing excellent structure for heat dissipation.

4.The surface of lamp housing is anti-corrosion and electrophoresis processed,can be used at seaside.

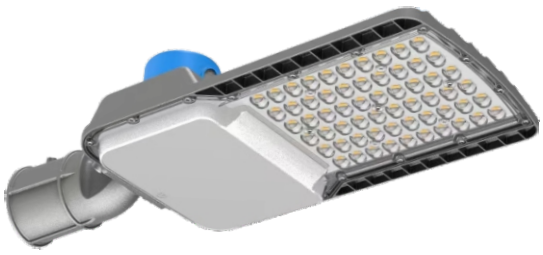
5.Dust-proof,moisture proof and waterproof ,IP66 rated.

6.Excellent optics design,higher luminous efficiency.

7.Compare to traditional lamps can save energy 70%-80%.

8.5 years warranty.

BB-LD-XXXW-S12A



BB-LD-XXXW-S12B

**30W/50W/80W/100W/150W/200W**

## 2 FEATURES

1.Beam angle:60°,90°,120°,T2M/T3M/T4M/T5M

2.It's major to replace the traditional street light.

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

4.NO RF interference,No IR/UV radiation,on 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 desingn,each LED work separately,avoiding the single broken LED influence problem.

9.Die cast aluminum lamp housing which maximize the performance of heat dissipation to the best.

3030 SMD LED

Die-casting aluminum Housing

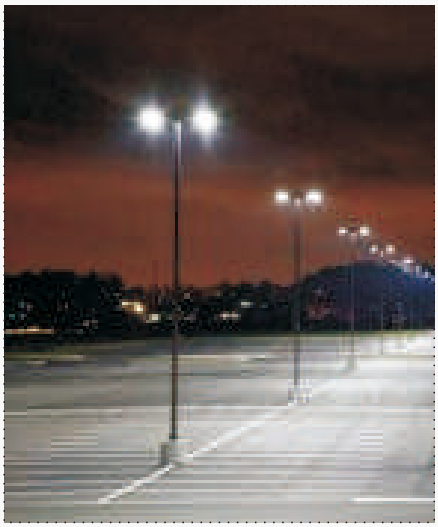
UL listed power supply

## 3 APPLICATION

It can be widely used in Street lighting, Parking lot, Architectural decorative lighting, squares, construction sites, buildings, etc

- 1.Area Lighting/Street lighting.
- 2.Parking lot Lighting
- 3.Architectural decorative lighting.
- 4.Roadway Lighting
- 5.Stadium Lighting

Stadium



Roadway Lighting

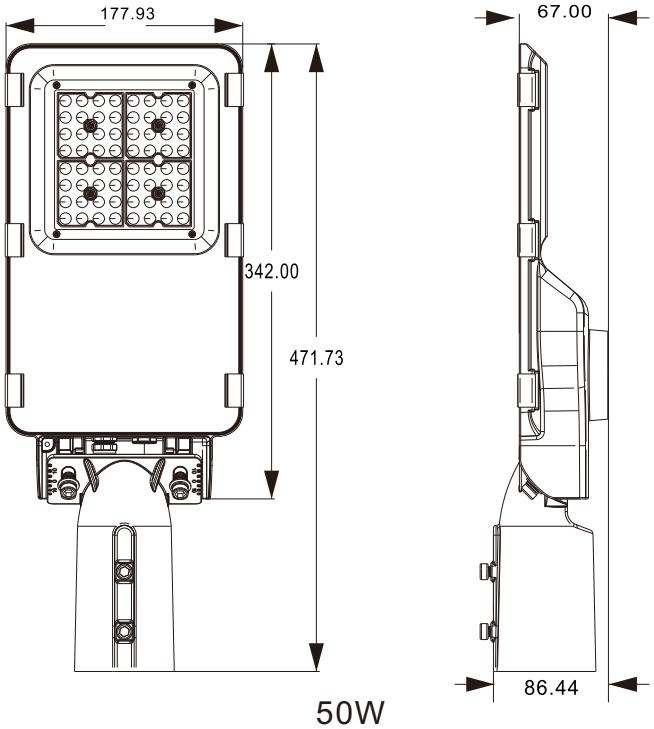
Parking lot Lighting

PRODUCT SPECIFICATION

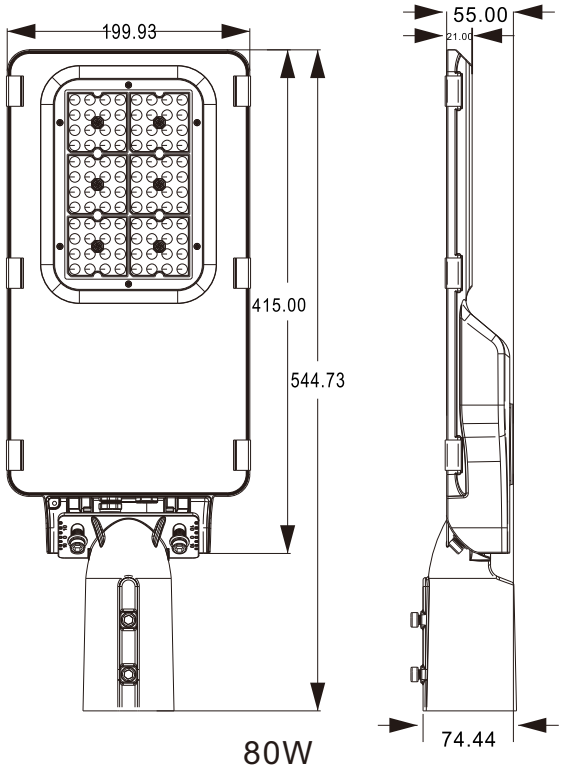
## 4 PERFORMANCE DATA

| Power | 50W | 80W | 100W | 150W | 200W |
|---|---|---|---|---|---|
| Model | BB-LD-50W-S12A | BB-LD-80W-S12A | BB-LD-100W-S12A | BB-LD-150W-S12A | BB-LD-200W-S12A |
| Luminous Flux | 7500lm | 12000lm | 15000lm | 22500lm | 30000lm |
| Replacement | HPS 150W | HPS 250W | HPS 300W | HPS 500W | HPS 600W |
| **Power** | **30W** | **50W** | **100W** | **150W** | **200W** |
| Model | BB-LD-30W-S12B | BB-LD-50W-S12B | BB-LD-100W-S12B | BB-LD-150W-S12B | BB-LD-200W-S12B |
| Luminous Flux | 4500lm | 7500lm | 15000lm | 22500lm | 30000lm |
| Replacement | HPS 100W | HPS 150W | HPS 300W | HPS 500W | HPS 600W |
| Dimension | See pages 3 and 4 for detailed dimensions | | | | |
| Beam Angle | 60,90,120,T2M/T3M/T4M/T5M | | | | |
| Materials | Aluminum alloy+PC +Tempered glass | | | | |
| Luminous Efficacy | 150lm/W;170lm/WAvailable | | | | |
| Operation Temp | -40 to +45°C | | | | |
| CCT | 2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW / 6500K SCW | | | | |
| CRI | 85 | | | | |
| Life Span | 50,000 hours at 25°C | | | | |
| Voltage | 100-277VAC/50-60Hz,200-480VAC/50-60Hz | | | | |
| Driver | UL listed power supply | | | | |
| Dimming | Available | | | | |
| Sensor | Timmer Control,Motion Sensor,Photocell Sensor,3 in 1 dimming,<br>Wifi Zigbee Connect,photocell+timmer control,3 step dimming,<br>GPRS,3G/4G,Blue tooth,PLC and smart motion sensor. | | | | |
| Microwave sensor default setting | Someone brightness 100%, microwave sensitivity 75%, hold time 5 minutes,<br>start illumination 50LUX, continuous brightness 30%, the duration of 30 minutes. | | | | |
| Cover | PC Transparent | | | | |
| Luminous Source | 3030 SMD LED | | | | |
| IP rating | Ip66 | | | | |
| PF | >0.95 | | | | |
| Warranty | 5 Years | | | | |

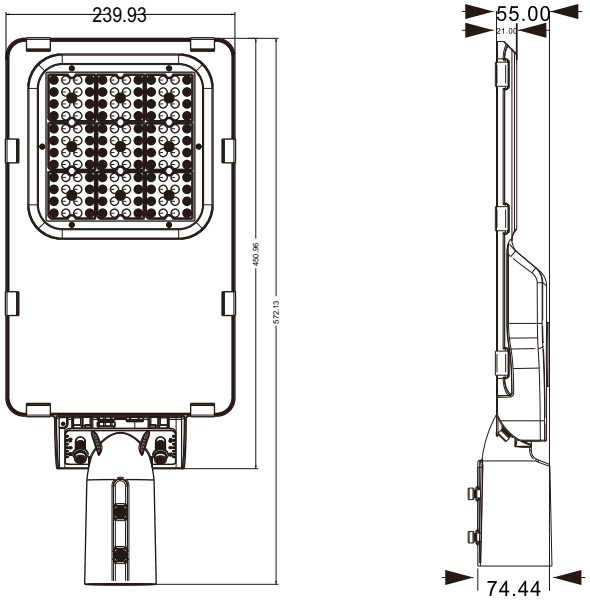
## 5 SPECLFLCATIONS



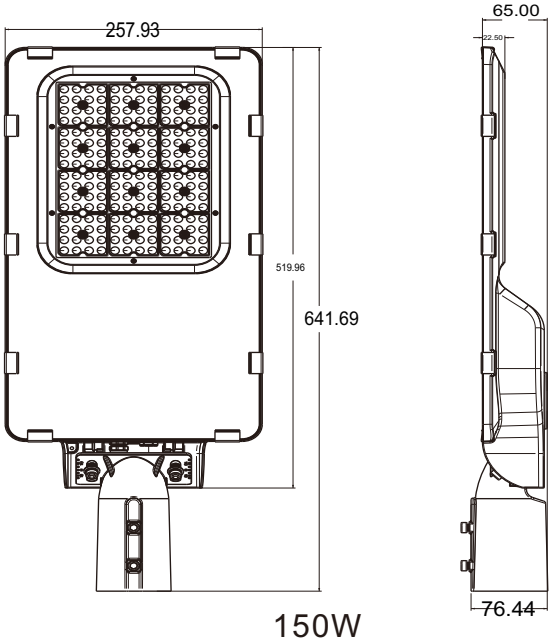

50W



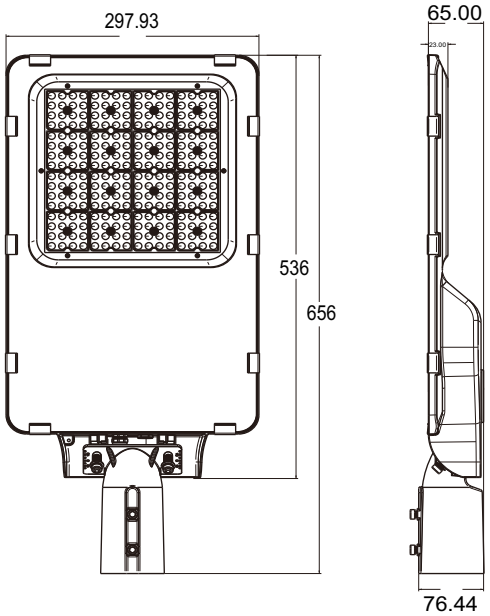

80W




100W




150W

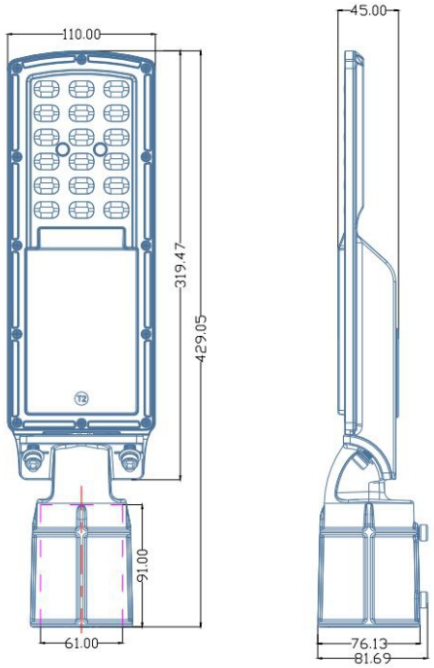



200W

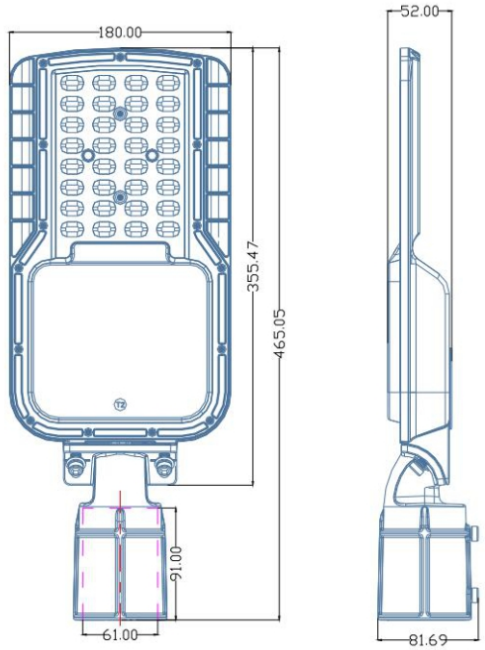
BB-LD-XXXW-S12A

UNIT : mm

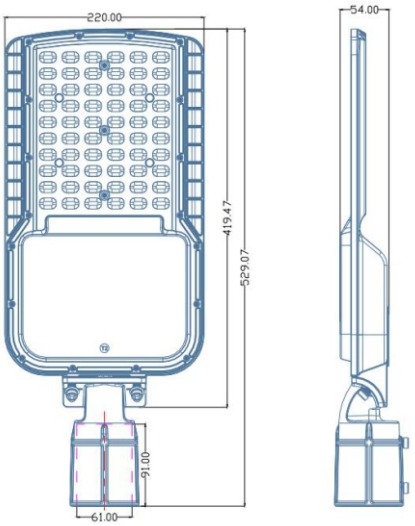
PRODUCT SPECIFICATION



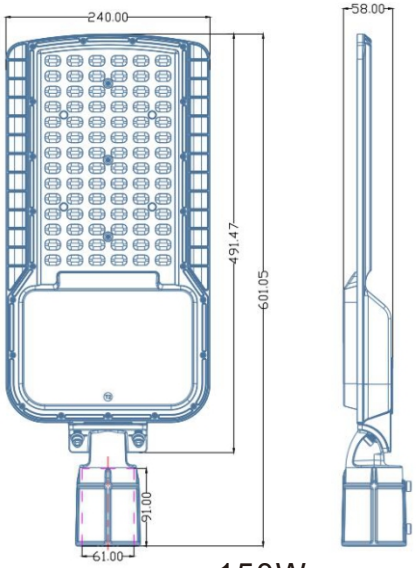

30W



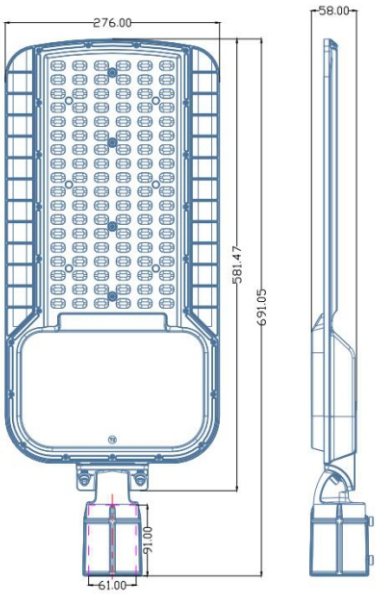

50W




100W




150W



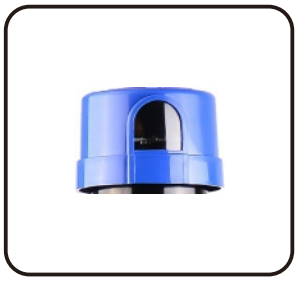

200W

BB-LD-XXXW-S12B

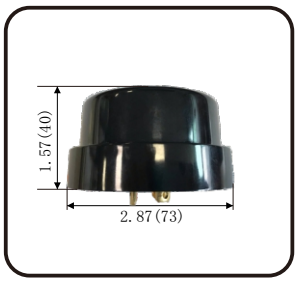
UNIT : mm

PRODUCT SPECIFICATION

## OPTIONAL ACCESSORIES



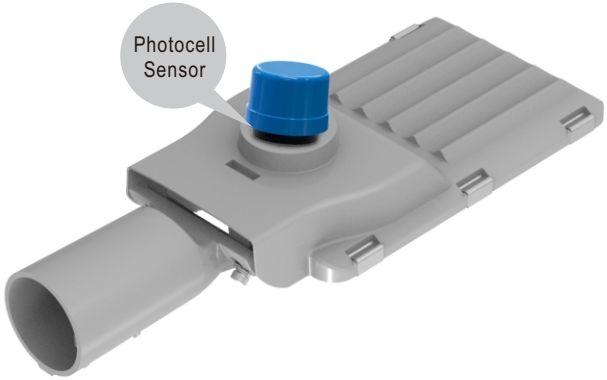
Photoelectric Control



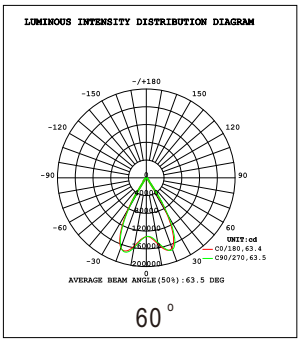

Short Cap

Motion Sensor

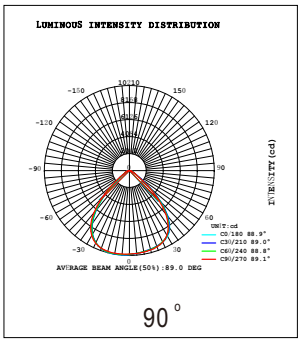
Remote Control



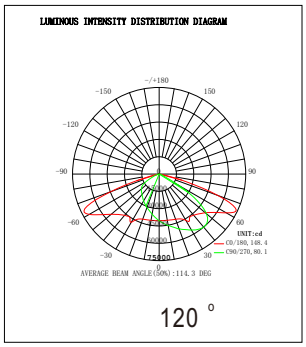

## 7 LUMINOUS INTENSITY DISTRIBUTION



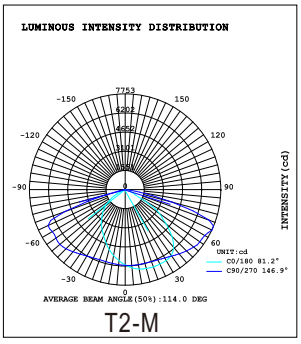

60°



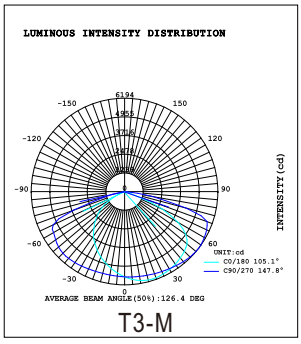

90°




120°




T2-M

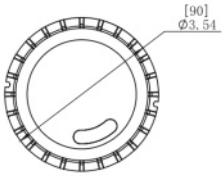


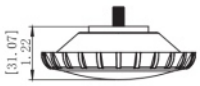

T3-M

# 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 40ft |
| Remote range | 40ft.(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 | | |
| | 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 percepti on,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 | | |

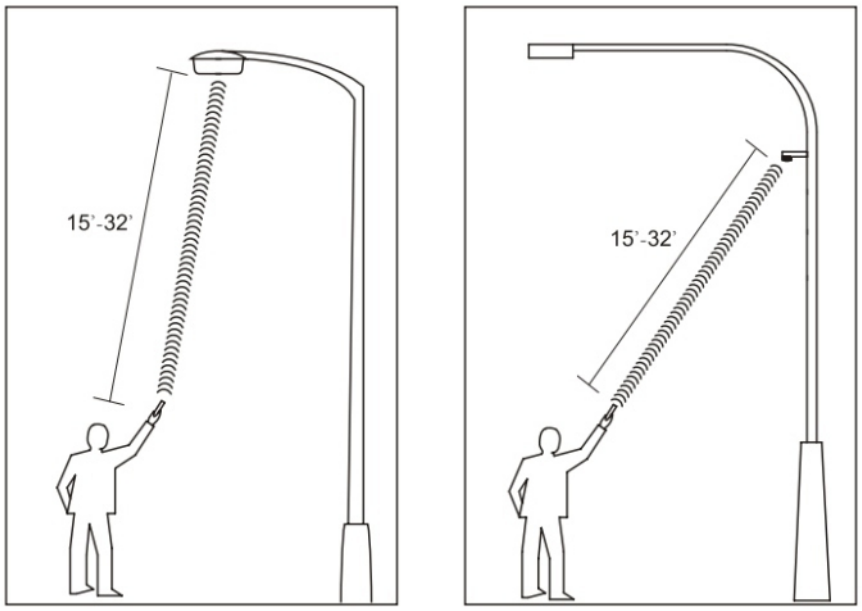
PRODUCT SPECIFICATION

## wireless handheld configuration tool

## 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.

## IR Coverage Of wireless handheld



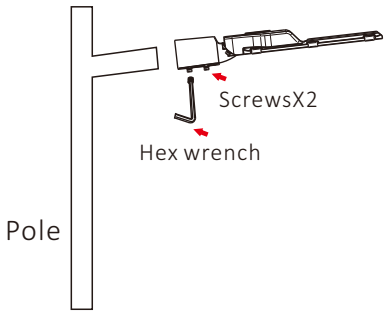

*Distance may vary depending on the lighting environment

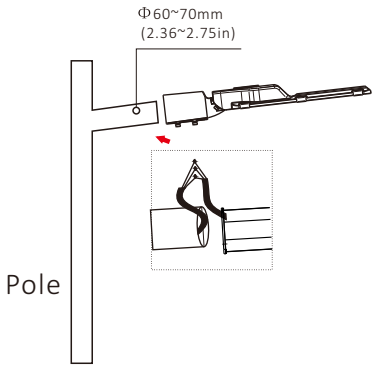
| Catalog No. | Color | Description |
|---|---|---|
| ☐ B R1816 | White | 360° lens,maximum coverage 60' diameter from 8'-40' height |
| ☐ R C-100 | Black | Remote control Battery:AAAx2 |

## 8 INSTALLATION

**NOTICE: Warnning: If the lamp pole has existing ballast or capacitor,please take themoff.**

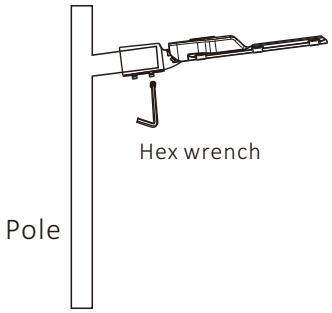
**Because the LED street lamp just connecting to AC(alternating current) input it will work.**

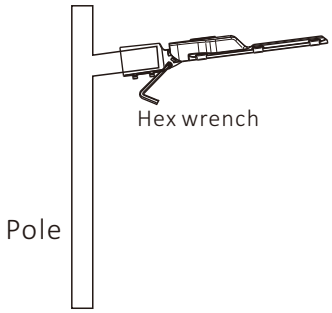



❶ As shown above,we should makethe two screws loose with a hexwrench.

❷ Wiring right and set the lamp intothe bracket by the hole.



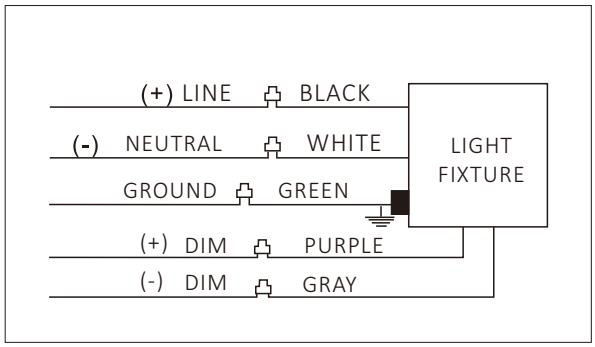




❸ We should make the two screwsfixed with a hex wrench.

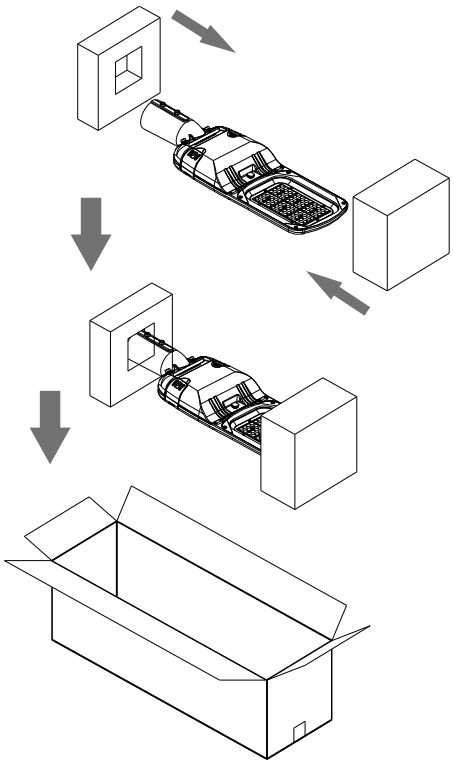
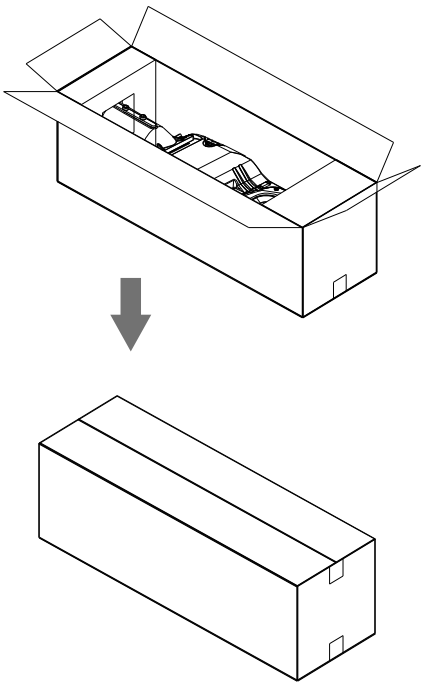
❹ First,unscrew the screw,and thenwe can adjust the angle of the lampbody we want with a hex wrench.

(US)

* Connect the black fixture lead to the (+) LINE supply lead.
* Connect the white fixture lead to the (-) NEUTRAL supply lead.
* Connect the green ground wire form fixture to supply ground.
* Connect the purple fixture lead to the (+) dimmer.
* Connect the gray fixture lead to the (-) dimmer.




PRODUCT SPECIFICATION

## 9 PACKING INFO

| Model | Packaging | Carton Size(mm)<br>(L*W*H) | N.W | G.W |
|---|---|---|---|---|
| 30W | 1pc/CTN | 440*120*90mm | 2.4kg | 3.5kg |
| 50W | 1pc/CTN | 595*225*160mm | 2.8kg | 3.5kg |
| 80W | 1pc/CTN | 645*275*160mm | 3.5kg | 4.3kg |
| 100W | 1pc/CTN | 695*275*160mm | 4.1kg | 5.2kg |
| 150W | 1pc/CTN | 745*330*160mm | 5.9kg | 6.7kg |
| 200W | 1pc/CTN | 750*370*160mm | 7.2kg | 7.9kg |