



LED Solar Area Light

BRIGHTEN YOUR LIFE

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

Benefits

1. Replace conventional Area Lights
2. Precision Die Cast Aluminum Housing
3. Fade Resistant Powder Coat Finish
4. Easy Installation
5. CE ROHS listed



BB-SLD-XXW-AR-C

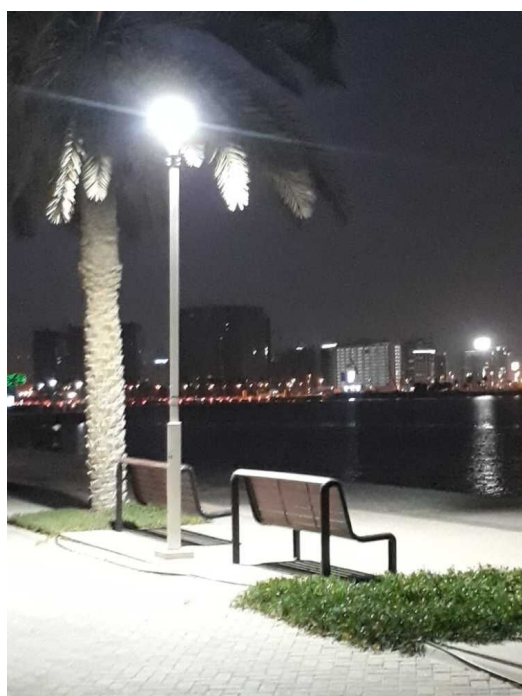
Features

1. Beam angle:120 degrees.
2. Aluminum die-casting heat sinks is good for heat dissipation.
3. It's major to replace the conventiona area 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.



Application

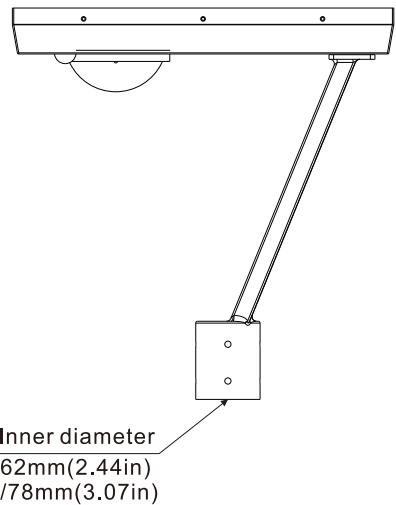
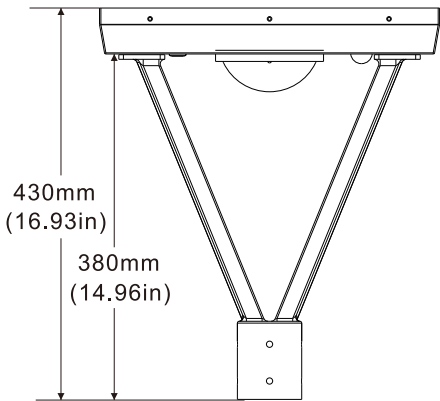
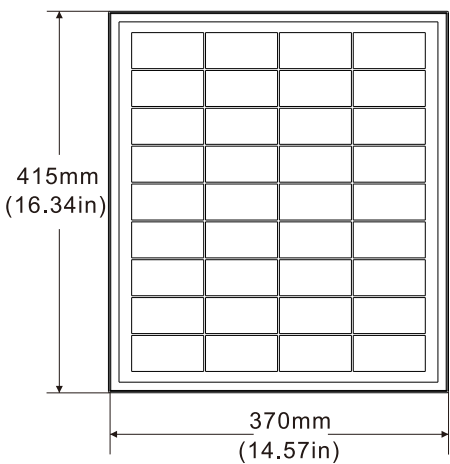
- 1.Area roadway/roadway lighting.
- 2.Parking areas lighting.
- 3.Airports lighting.
- 4.Streetscapes lighting.
- 5.Campuses lighting.



SPECIFICATIONS

LED MAX Power	20W	25W	50W
Model	BB-SLD-20W-AR-C	BB-SLD-25W-AR-C	BB-SLD-50W-AR-C
Solar panel Max power	18V/21W	18V/21W	18V/60W
Luminous Flux	3000-3200lm	3750-4000lm	7500-8000lm
Solar Panel Dimension	415*370*41mm		415*370*41mm
Mounting Height	3-5m		8-9m
Space Bettwen Light	10-15m		20-30m
Sensor	Default:PIR Sensor; Optional:Time Controller(no PIR Sensor). If you want PIR Sensor and Time Controller together, you must specify in advance.		Default:PIR Sensor& Time Controller together.
Luminous Efficacy	150-160lm/W		
Discharge Time	more than 10-12hours		
Charge Time	6-7hours(with enough strong shine)		
Solar Cell	High efficiency imported silicon solar cell		
Light Source	SMD LED		
Operation Temp.	-40 to +45℃		
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW		
Life Span	50,000 hours		
IP	65		
Beam Angle	120°		
Warranty	3Years		

DIMENSIONAL DRAWING



20W&25W

WORKING CHARACTERISTICS

20W&25W Solar light

Option 1 : PIR Sensor (Default Setting)

- 1.If with insufficient ambient light,sensored dark,lamp will on.
- 2.When motion is detected,it will 100% brightness. When no motion detected after hold time 120s, and then switches to 20% brightness after stand-by period.
- 3.If with sufficient ambient light, sensed daytime, lamp will off.

Option 2 : Timmer Control

Option 2.1: 3 Phase Timmer Smart Dimming Timmer Control

- 1.If with insufficient ambient light,sensored dark,lamp will on.First Time Phase 4 hours,100% brightness.
- 2.Second Time Phase 4 hours 60%,Last Time Phase 4 hours 10%.
- 3.Continue 10% until sensed daytime,lamp will off.

Option 2.2: 4 Phase Timmer Smart Dimming Timmer Control

- 1.If with insufficient ambient light,sensored dark,lamp will on.First Time Phase 3 hours,100% brightness.
- 2.Second Time Phase 3 hours 60%,Third Time Phase 3 hours 35%.Last 3 hours 10%.
- 3.Continue 10% until sensed daytime, lamp will off.

Notice : Default setting with Option 1, If no special demand.Default with remote control.

If you order Option 1,use the remote control can't change to Option 2.1 or Option 2.2.

Must tell us before order if you need Option 1 + Option 2.1 + Option 2.2 .

50W Default setting as below :

Timmer Control & PIR Sensor Control

- 1.If with insufficient ambient light,sensored dark,lamp will on. First Time Phase 4 hours , When motion is detected,it will 100% brightness. When no motion detected after hold time 30s, and then switches to 30% brightness after stand-by period.
- 2.Second Time Phase 3 hours.When motion is detected,it will 60% brightness. When no motion detected after hold time 30s,and then switches to 20% brightness after stand-by period.
- 3.Third Time Phase 3 hours.When motion is detected,it will 30% brightness. When no motion detected after hold time 30s, and then switches to 20% brightness after stand-by period.
- 4.Forth Time Phase 6 hours.When motion is detected,it will 70% brightness. When no motion detected after hold time 30s,and then switches to 30% brightness after stand-by period.
- 5.While sensed daytime,lamp will off.

PROJECTS

By using our 25W Area Light to replace 75W Metal Halide bulb for parking area lighting fixtures, the customer is now able to save a lot per month from his electric bill.



Replace

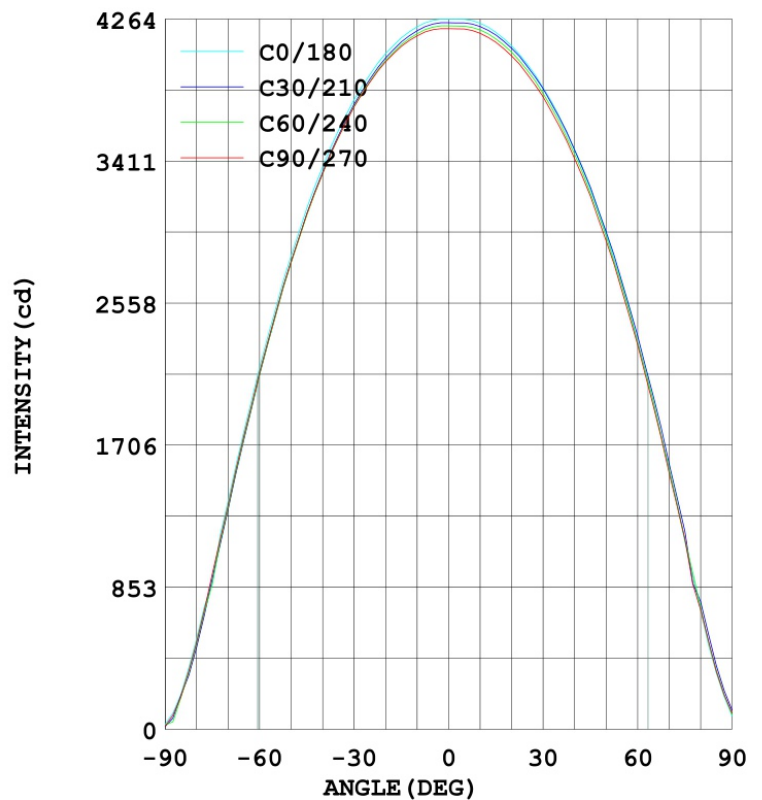
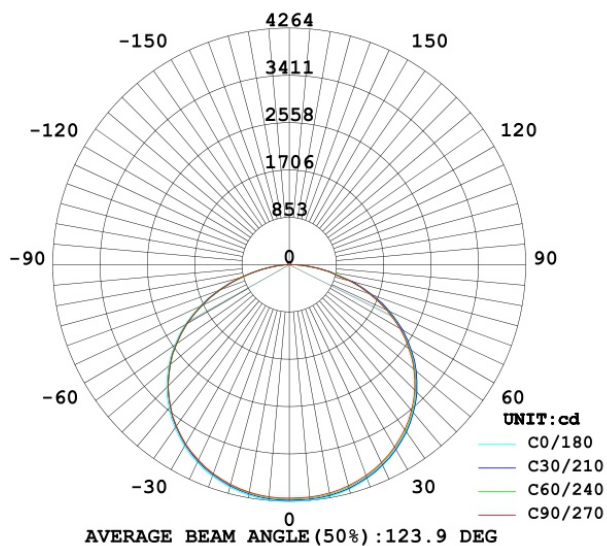


25W LED = 75W MH

Note:

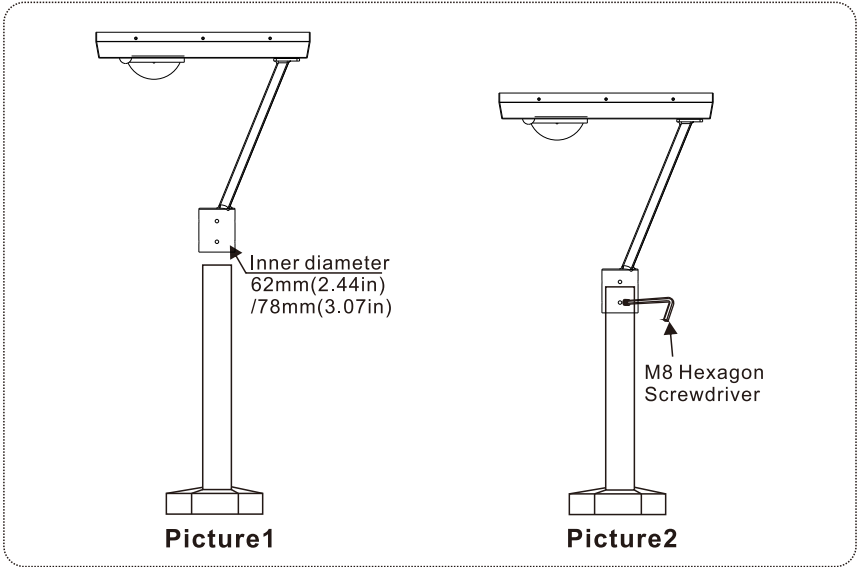
- Don't take the LED lamp apart.
- The LED lamp must work under the right voltage according to the specification.

LUMINOUS INTENSITY DISTRIBUTION



INSTALLATION

Pole mounting(no wiring)



- Step1: Turn off the power before installation.
- Step2: Secure the Tenon Pole Adaptor and pole with 6 screws (Hexagon socket screws M8*20).
- Step3: Check that all screws are not loose ,and then complete the pole mounting.

PACKING INFO



Item	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
20W&25W	1pc/CTN	480*440*500mm	10kg	11.6kg	16.0kg