BBM
LEDPRODUCTS

BBM LED SOLAR LIGHT SERIES

Focus on High-end Industrial Lights Manufacture

2000+ Patent | TÜV SUD CB | SAA | IEC EN60598 | CE | RoHS | >50,000h | IP66 | Max 50℃ -20℃ | Patent Protection

LED Solar Street Light

SL-01-G2 IP66 IK10

50W/90W/120W/240W

Beam Angle: Type II-S(140x85°)

Housing Material

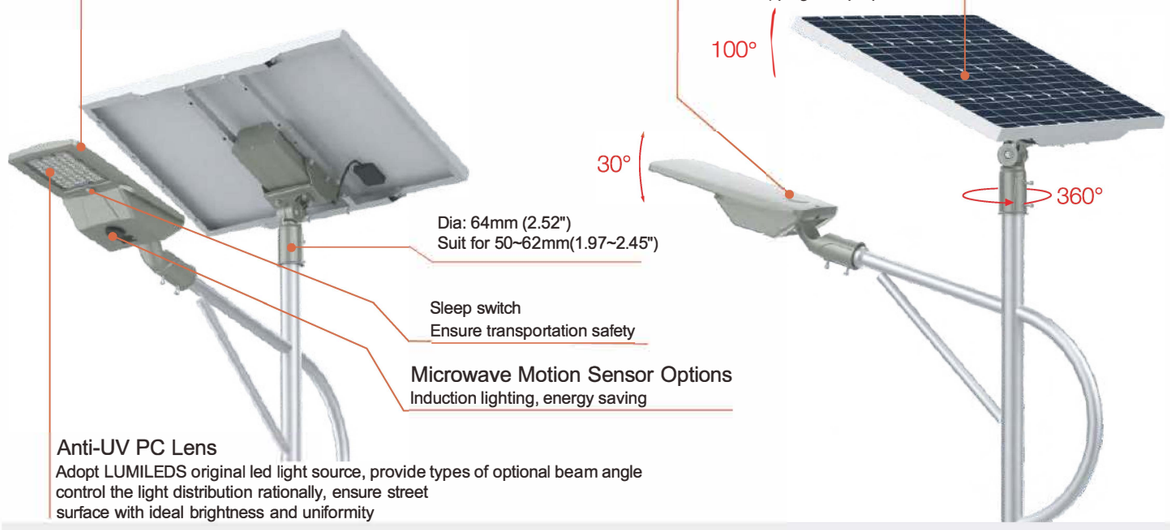
High strength and high quality ADC12 die casting aluminum body.
Die casting aluminum housing with reliable powder coating for harsh outdoor environments.
Dustproof,waterproof.

Self-clean

Smooth body would greatly diminish dust accumulation and bird droppings heap up.

Solar Material

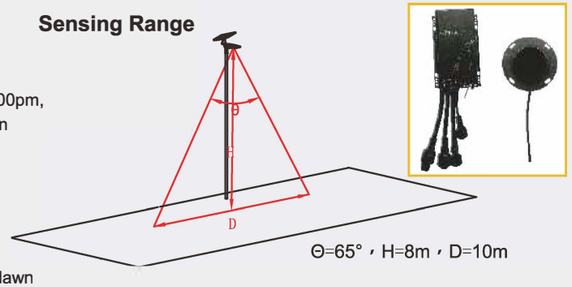
High Efficiency
Monocrystalline Silicon



Ordinary Lighting Modes Options

Option 1 :At night, T1:100%-2H;T2:60%-2H;T3:10%-7H;T4:20%-4H.
For example, when the led solar panel street light turn-on at 6:00 pm,
T1: 100%-2hr on 6:00pm-8:00pm, T2: 60%-2hr on 8:00pm-10:00pm,
T3: 10%-7hr on 10:00pm-5:00am , T4: 20%-4hr on 5:00am-dawn

Sensing Range



Θ=65° , H=8m , D=10m

Sensing Lighting Modes Options

Option 1 : At night, T1: 100%-9H; T2: 100%-6H. Light on 100% if motion detected, Stand-by period 60 seconds, Light on 10% if no motion detected.
For example, when the led solar street light turn-on at 6:00 pm, 6:00 pm-dawn (Light on 100% if motion detected , Stand-by period 60 seconds , Light on 10% if no motion detected).

Remarks:

The street lights' turn-on time depends on the clients' local time(Turn-on Light Level: <20lux).

Customized modes available.

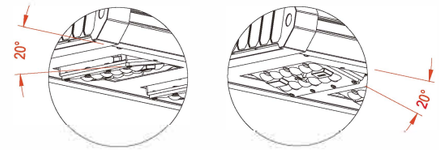
LED Solar Street Light

SL-01-G3 IP66 IK10

50W/90W

Beam Angle: Typell-M(160*80°)

Use an internal hexagonal tool to Loosen the 2pcs M4 screws of module, then adjust the module to suitable angle .



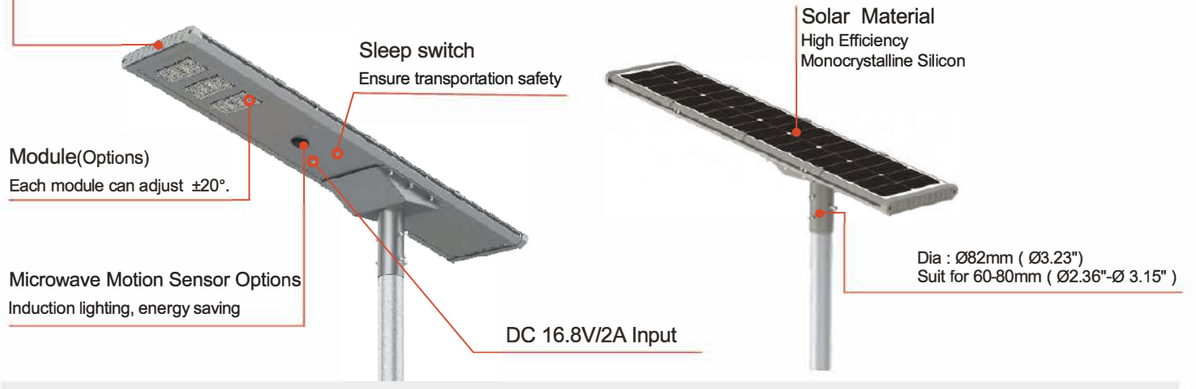
Each module can adjust ±20°.

Housing Material

Al6063 Aluminum alloy Extrusion Housing with reliable powder coating for harsh outdoor environments Dustproof , waterproof.

Solar Material

High Efficiency
Monocrystalline Silicon



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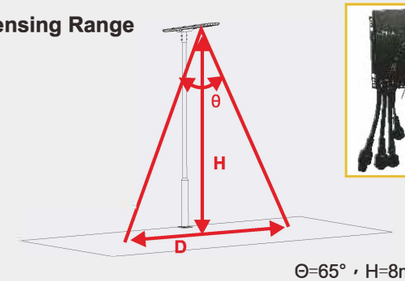
Sensing Range



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Sensing Lighting Modes Options

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For example, when the led solar street light turn-on at 6:00 pm, 6:00 pm-dawn (Light on 100% if motion detected , Stand-by period 60 seconds , Light on 10% if no motion detected).

Remarks:

The street lights' turn-on time depends on the clients' local time(Turn-on Light Level: <20lux).

Customized modes available.

LED Solar Light

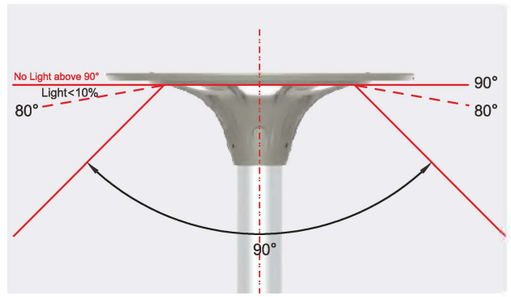
SL-01-G5 IK08 IP66

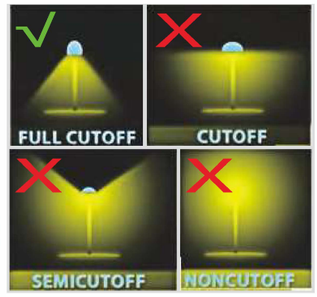
Power: 20W
Beam Angle: 90°

150 lm/W

Unique optical design

SL-01-G5 adopts a unique optical design, the light-emitting surface is inclined downwards,it increases the utilization rate of light,reduces light pollution maximum, and saves energy;In addition, the light shield of SL-01-G5 use milky Anti-UV pc, which makes the light more uniform, soft and confortable.





All modes can be chosen only when the battery has balance power.
Lamps' light on <20lux

Mode instructions

Switch instructions

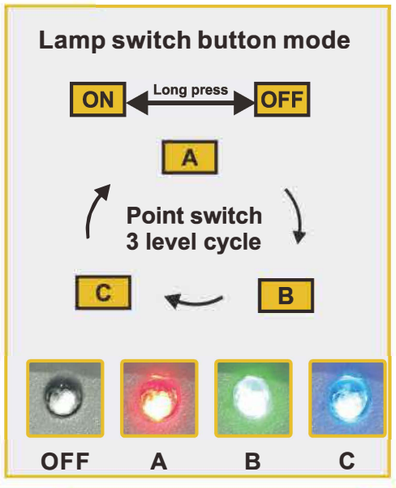
(Memory function program, will keep last mode when restart.)

Mode A : At night, T1:100%-3hr, T2:100%-2hr, T3: 80%-6hr, T4: 100%-1hr
(Suitable for summer mode);
Mode B : At night, T1:100%-3hr, T2:80%-2hr, T3: 50%-6hr, T4: 100%-1hr
(Suitable for spring and autumn mode);
Mode C : At night, T1:80%-3hr, T2:50%-2hr, T3: 20%-10hr
(Suitable for winter mode);
ON : Light on , only at night;
OFF : Light off , no matter day or night;

Remarks:

1.Mode A/B/C is switched by tap press, ON/OFF function is switched by long press >5s;
2. When the lamp is in the OFF position, the indicator light is off. At this time,the lamp can be charged normally, but the lamp will light on only when it is in ON position ;
3. The lamps' light on time depends on the clients' local time (Light-on Light Level: <20lux).

Lamp switch button mode



LED Solar Light

SL-03-G2 IP66

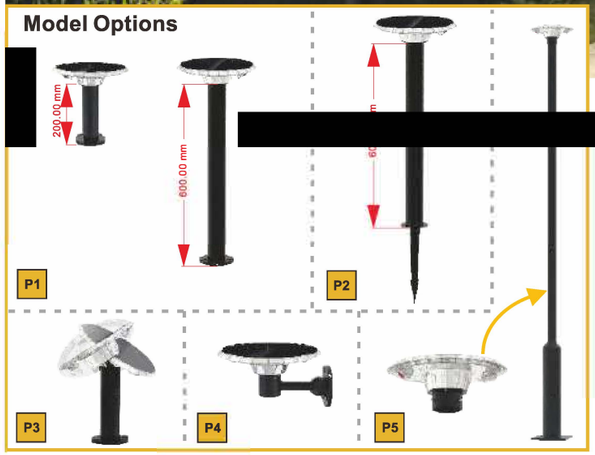
5W

Beam Angle: 120°

170 lm/W

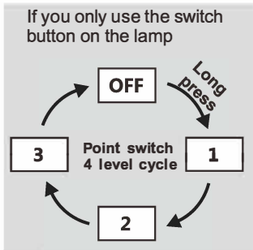
- IP66
- High-quality Ternary lithium battery
- High Efficiency Monocrystalline Silicon solar cell
- Multi-function control program
- 170lm/W
- PIR Sensor

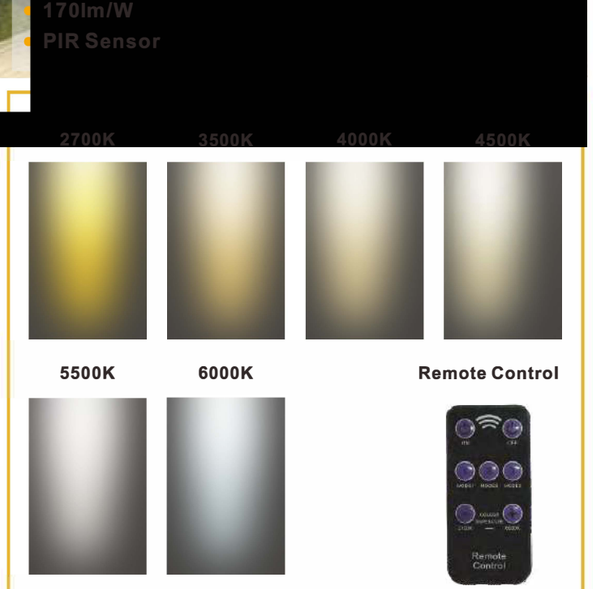
Model Options



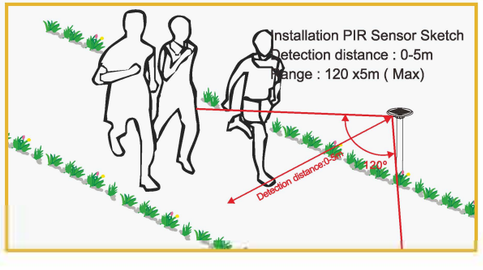
Mode	Light/motion detection	Hold time	Stand-by
1	100%	15s	OFF
2	100%	15s	10%
3	/	/	20%

If you only use the switch button on the lamp





Color Temperature Button "-" :
Press once, the color temperature will decrease a little, until 2700K;
Color Temperature Button "+" :
Press once, the color temperature will increase a little, until 6000K.



LED Solar Flood Light

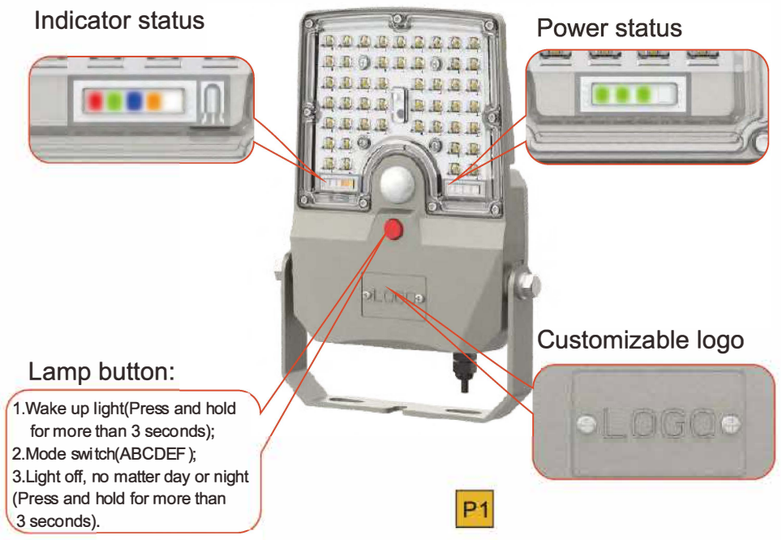
SL-02-G1 IP66 IK10

10W/20W

Beam Angle: 140*68°(Polarized 30°)

P3

P4



Lamp button:

1.Wake up light(Press and hold for more than 3 seconds);
2.Mode switch(ABCDEF);
3.Light off, no matter day or night (Press and hold for more than 3 seconds).

P1

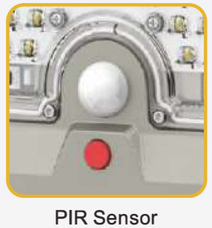
P2

Quick DIY Installation

1.Only 2 screws fixed, convenient and quick.
2.Lamp can be removed and used as movable emergency lamp.

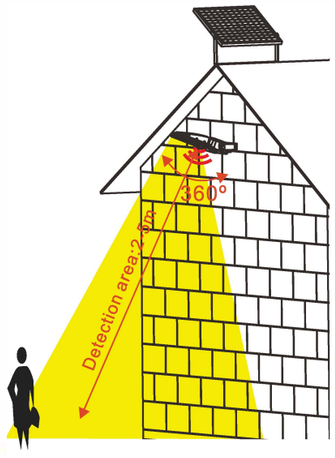
Perfect Heatsink

Solar Cell High Efficiency Monocrystalline Silicon



PIR Sensor

Hanging Installation
PIR Sensor Sketch
(Installation Height 5m):
Range:360°x5m(Max)



PIR sensor+ IR remote control

Mode	Light/motion detection		Hold time	Stand-by
A	100%		60s	OFF
B	100%		60s	5%
C	100%		120s	OFF
D	100%		120s	5%
E	100%-3h Hold on	50%	60s	OFF
F	50%-3h Hold on	50%	60s	5%
RST	100%		15s	OFF
Emergency mode				
1H	100%		1h	Return to A-F
2H	100%		2h	
3H	80%		3h	
4H	50%		4h	

LED Solar Street Light

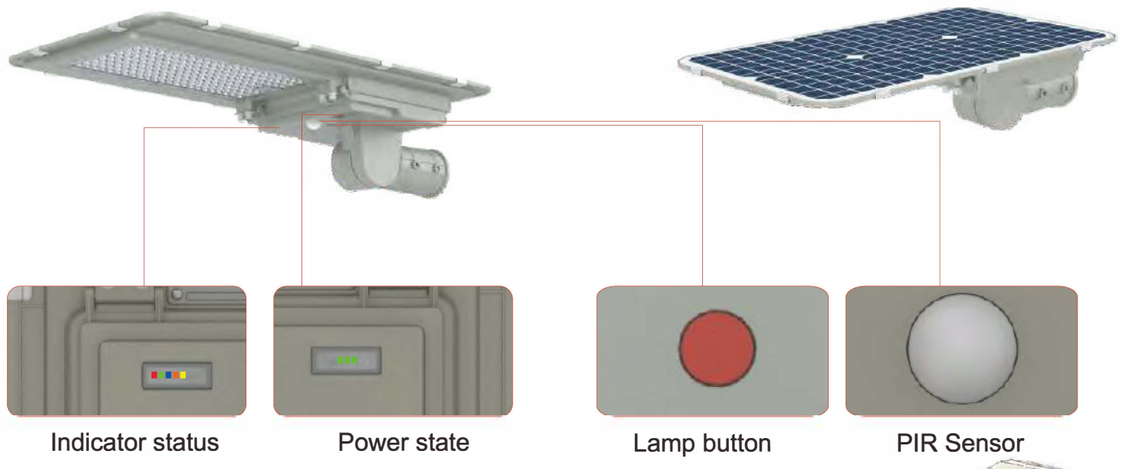
SL-02-G2 IP66 IK10

20W/35W

Beam Angle: TypeI-S(140*68°)

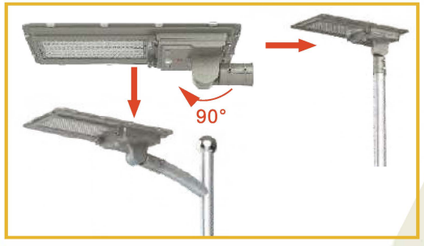
PIR Sensor+ IR remote control

Solar Cell High Efficiency Monocrystalline Silicon



PIR sensor+ IR remote control

Mode	Light/motion detection		Hold time	Stand-by
A	100%		60s	OFF
B	100%		60s	5%
C	100%		120s	OFF
D	100%		120s	5%
E	100%-3h Hold on	50%	60s	OFF
F	50%-3h Hold on	50%	60s	5%
RST	100%		15s	OFF
Emergency mode				
1H	100%		1h	Return to A-F
2H	100%		2h	
3H	80%		3h	
4H	50%		4h	



Hanging Installation
PIR Sensor Sketch
(Installation Height 5m):
Range:360°x5m(Max)