





# LED Solar Flood Light

## SL-02-G1



### Better solutions for LED Solar Flood Light

-  **IP66 water-proof**
  -  **Rotating Solar Panel**
  -  **Easy Installation**
  -  **170lm/W**
- Operating Temp.:** -20°C ~+50°C      **Storage Temp.:** -40°C ~+80°C

### Options

- CCT**  
3000K  
4000K  
5000K  
5700K
- Beam Angle**  
140°68°(Polarized 30°)


### Application

Pathway, Parking lot, Garden, Schools, Residential area, Villas, Resorts, Factories, Landscape, Architectural decorative lighting, Village roads and other places.


### Specifications


Item	SL10W-02-G1	SL20W-02-G1
Solar Panel	10W/10V	20W/10V
Solar Cell	High Efficiency Monocrystalline Silicon	
LiFePO4 Battery	3AH/6.4V	12AH/6.4V
Luminous Efficacy	170Lm/W	
Lamp Power	6W	20W
Led	SMD 2835	
CRI	>70	
Lens	140°68°(Polarized 30°)	
Full Charge Time	6h	
Lighting time	5-7 Rainy day(full charged)	
Sensor type	PIR Sensor	
Detection area	0-5m	
Lighting mode	Mode A/B/C/D/E/F	
Emergency mode	Mode 1H/2H/3H/4H	
Mounting height	2~5m	
Weight	2.1kg(18.7lbs)	3.8kg(27.6lbs)

Indicator status



Power status





**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).

### Remote control instructions

Remote buttons	Indicator status
A	Red
B	Green
C	Red+Green
D	Blue
E	Blue+Red
F	Blue+Green
1H	Orange
2H	Orange+Blue
3H	White
4H	White+Blue

# SL-02-G1 LED Solar Flood Light

## Remote control instructions

All below modes works when electricity > 2 grids and disconnect charging. (solar panel can be covered or disconnected the charging connector)

ON: Wake up light, then press other mode buttons as needed;  
 OFF: Light off, no matter day or night;

- A: Mode A, Light on 100% if motion detected, Stand-by period 60 seconds, Light off if no motion detected;
- B: Mode B, Light on 100% if motion detected, Stand-by period 60 seconds, Light on 5% if no motion detected;
- C: Mode C, Light on 100% if motion detected, Stand-by period 120 seconds, Light off if no motion detected;
- D: Mode D, Light on 100% if motion detected, Stand-by period 120 seconds, Light on 5% if no motion detected;
- E: Mode E, Light on 100% for 3hr, and then Light on 50% if motion detected, Stand-by period 60 seconds, Light off if no motion detected;
- F: Mode F, Light on 50% for 3hr, and then Light on 50% if motion detected, Stand-by period 60 seconds, Light on 5% if no motion detected;
- 1H: Mode 1H, Light on 100% for 1hr (No sensing function), and then return to A-F;
- 2H: Mode 2H, Light on 100% for 2hr (No sensing function), and then return to A-F;
- 3H: Mode 3H, Light on 80% for 3hr (No sensing function), and then return to A-F;
- 4H: Mode 4H, Light on 50% for 4hr (No sensing function), and then return to A-F;
- RESET: Light on 100% if motion detected, Stand-by period 15 seconds, Light off if no motion detected.

**Remarks:**

1. The Flood lights' turn-on time depends on the clients' local time (Turn-on Light Level: <20lux).
2. A, B, C, D, E, and F modes have memory functions. For example, in the case of A mode, press the OFF button, and when the light turns on again, repeat the A mode until the remote control signal changes.

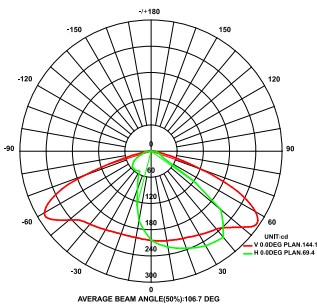
- \* Humanized remote control;
- \* Night lumingous function with freely control;



135.3\*56\*21mm

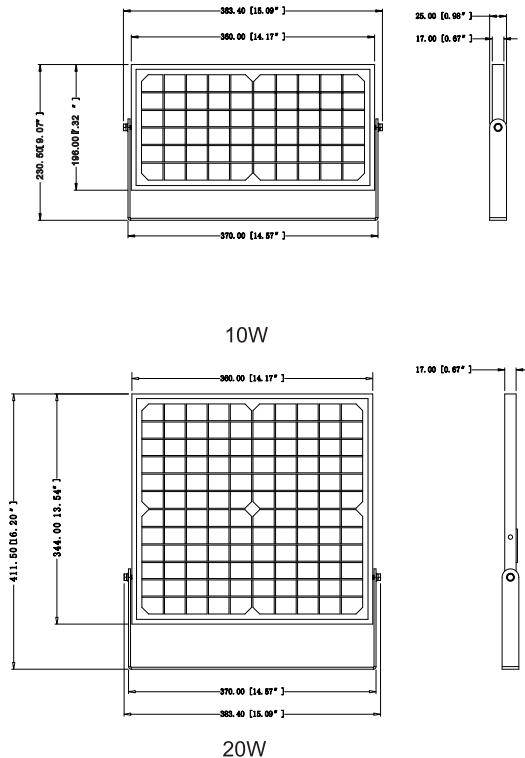
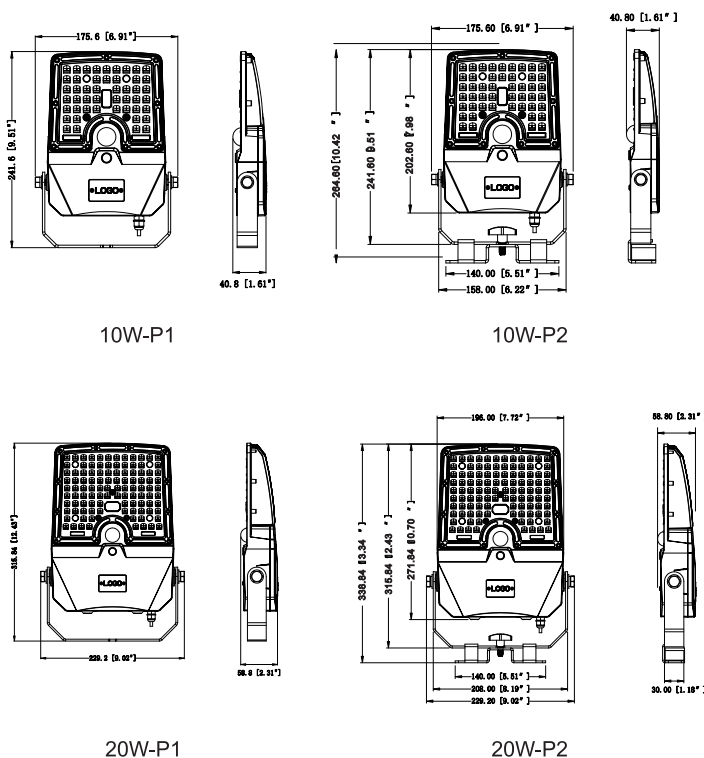


## Photometry



140\*68° (Polarized 30°)

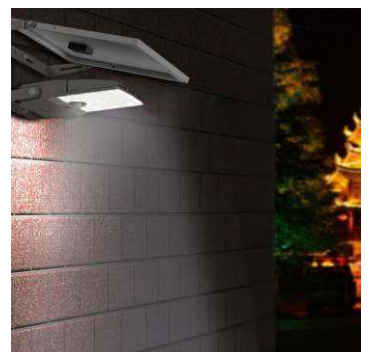
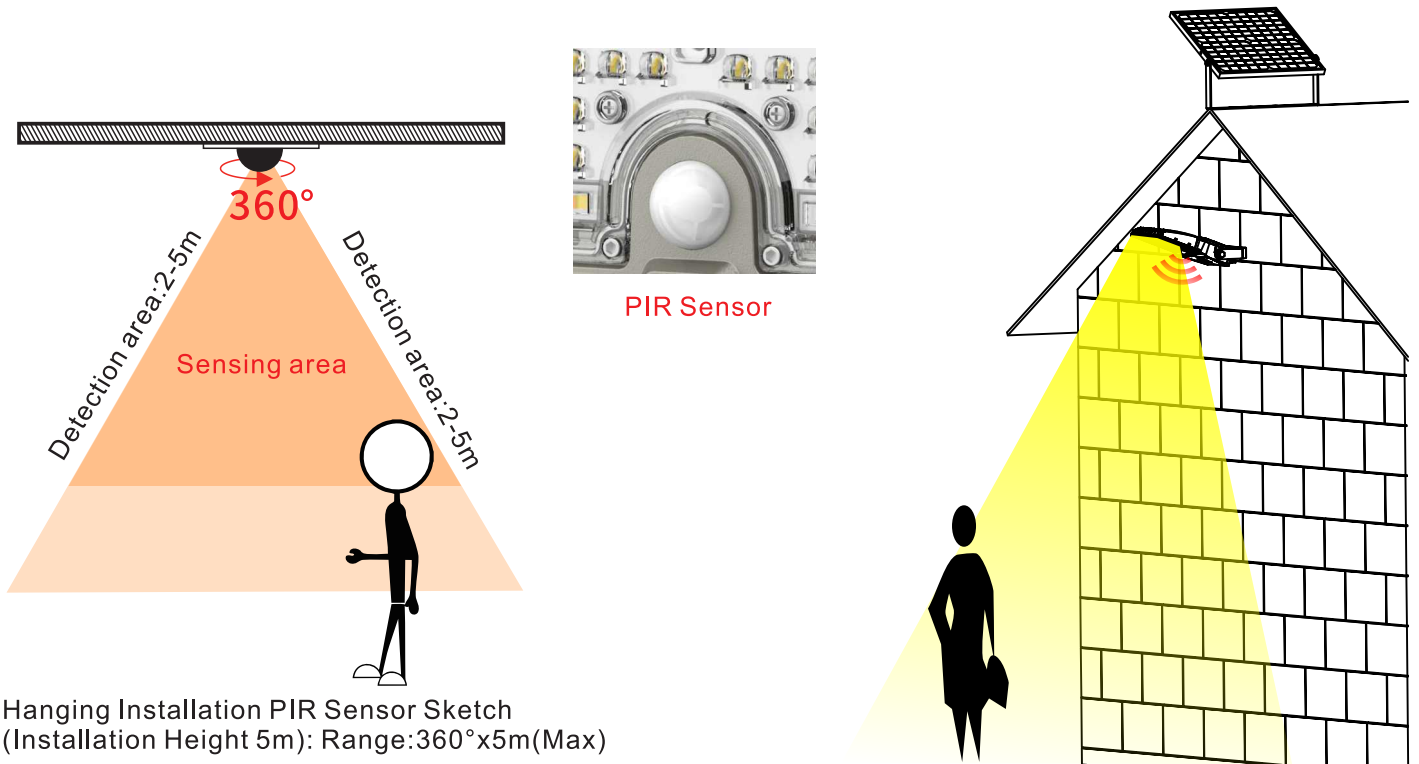
## Dimensions (mm)



### Model Options

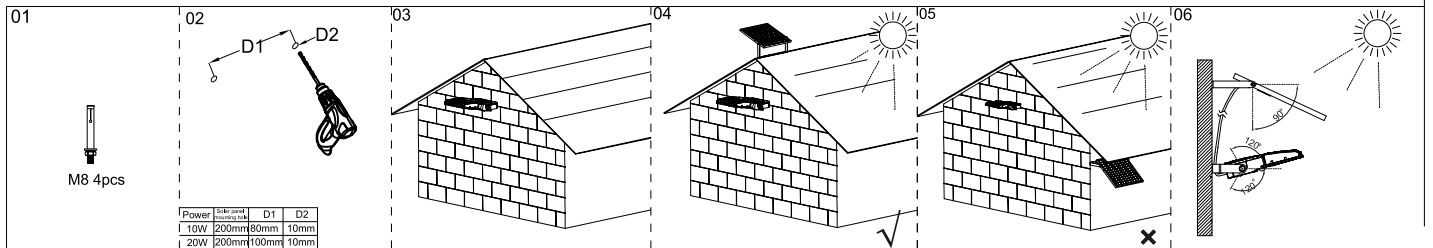


### PIR Sensor Diagram

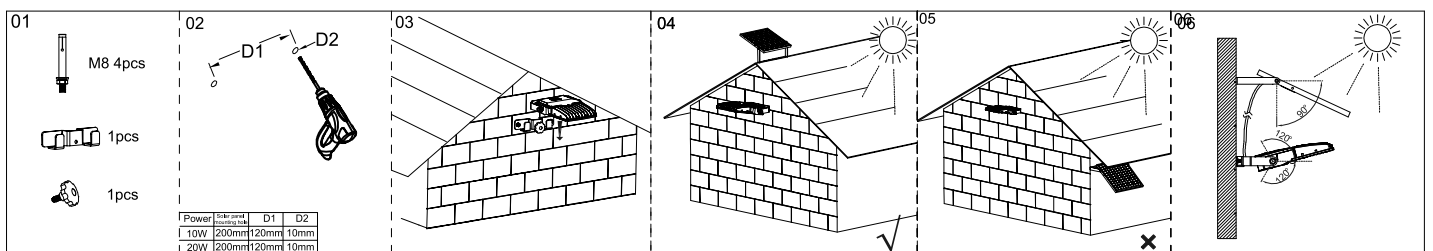


### Installation and use

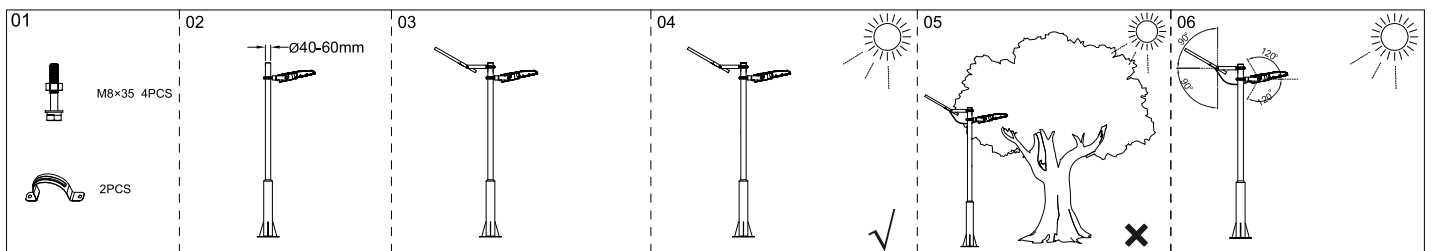
#### P1-Wall mounting



#### P2-Wall mounting



#### P3-Pole mounted



### Packing Spec

Item	Box			Carton		
	Measurement(mm)	Gross weight	Pcs/box	Measurement(mm)	Gross weight	Pcs/box
SL10W-02-G1	L218*W85*H320	1.2kg(2.6lbs)	1	L665*W235*H290	8.0kg(17.6lbs)	6
	L438*W65*H283	1.4kg(3.1lbs)	1	L586*W450*H225	9.5kg(21.0lbs)	6
SL20W-02-G1	L278*W102*H400	2.4kg(5.3lbs)	1	L415*W295*H455	10.5kg(23.1lbs)	4
	L438*W65*H465	2.1kg(4.6lbs)	1	L896*W475*H150	10.0kg(22.0lbs)	4