

# Solar Beatle Light

Modern fashion design

Open the generation of solar flood light

## Application



House



School



Park



Villa



Hotel



Temple



Resort

Integrate the solar panel, led body, battery and controller into whole system. Easy to transport, install and maintain.



## Core Technologies



### Environmental Decoration

RGB colour light source, landscaping design for environmental decoration.



### Light Distribution Management

Patent PC lens, special light distribution for rural area.



### IPC 5.0 Technology

5.0 version IPC technology (intelligent power control 5.0). It will intelligently detect recent weather conditions, reasonably plan the discharge power to achieve more rainy days.



### Fashionable Design

Beautiful "Beetle" design, making your house or villa to become the most beautiful garden.



### Charge and Discharge Management

Protect battery by software and hardware, supporting battery charge at 0v.2000times cycle charge and discharge, 8 years lifespan.

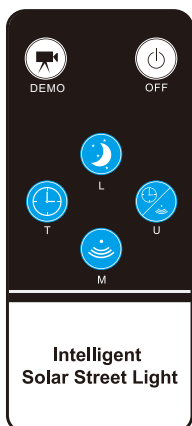


### Light Efficiency Management

Patent led chip with high efficiency, the whole system lighting efficiency has been improved to 160lm/w.

## Working Mode

6 working modes



**DEMO:** No matter day or night, light "on" for 1 minute.  
Only for test use



**OFF:** Light "off", no matter day or night



**L:** At night, 100%-2hrs, 60%-3hrs, 20%-dawn



**T:** At night, 100%-3hr, 50%-3hrs, 30%-2hrs



**M:** At night, 100%-3hrs, 50%-3hrs



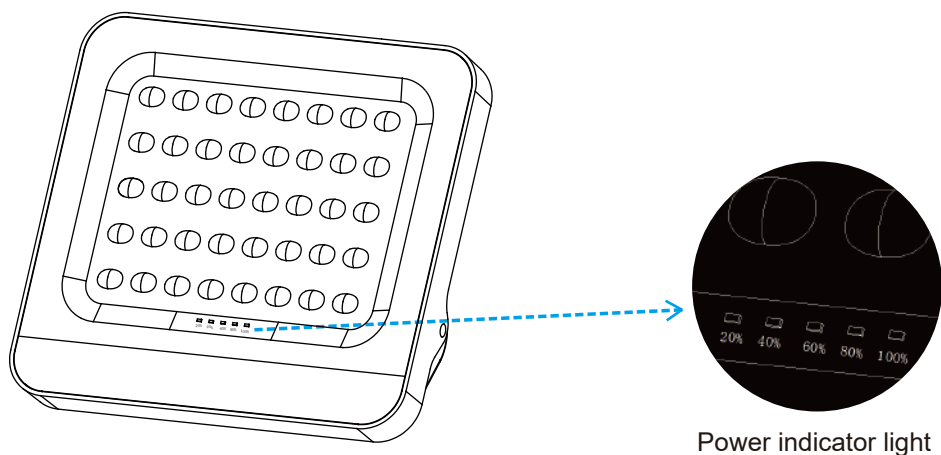
**U:** At night, 100%-3hrs, 50%-3hrs(Highlight mode)

Note:

1. Default is L mode, can choose best mode according to different sunshine condition.
2. Once a certain mode was set successfully, it will be reserved until you change other modes with remote control.
3. U Highlight mode: Increase 30% on the original basis, mean 3H-130%, 3H-80%.

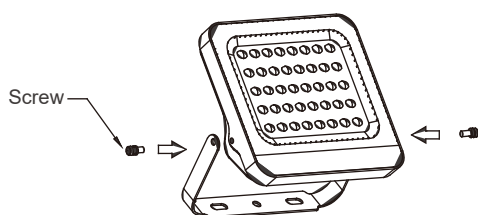
## Working Mode

### Power indicator function

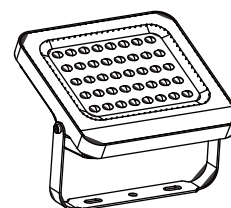


## Installation Guide

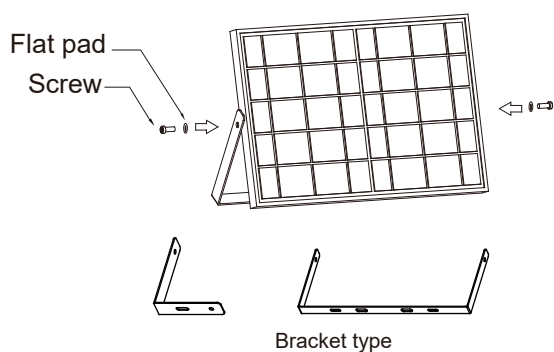
### Assembling



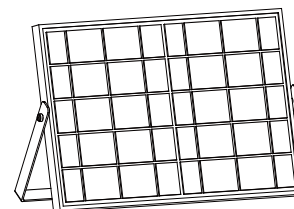
1. Fix bracket on light part through both sides holes.



2. Light part assembling finish.



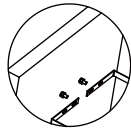
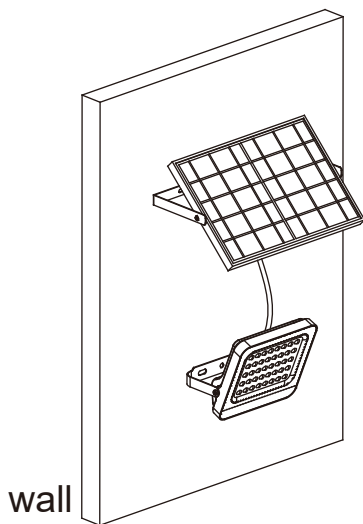
3. The bracket is aligned with the holes on both sides of solar panel, and fixed by screw and washer.



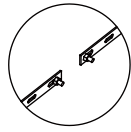
4. Solar panel assembling completed.

P.S : RS-BL50000 do not match panel bracket.

# Installation Guide



A、 Drive the expansion screw into the wall.

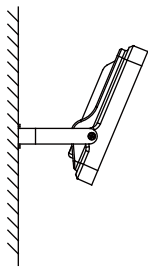


B、 Nut locking bracket.

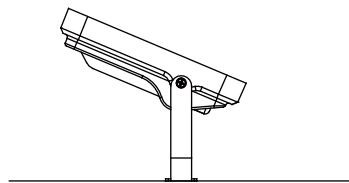


C、 Pay attention to the waterproof joint anti-reverse connection.

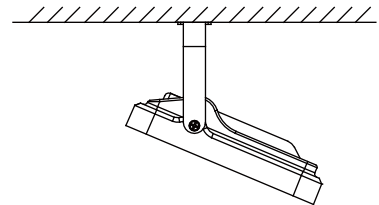
## Light part installation



1、 On wall

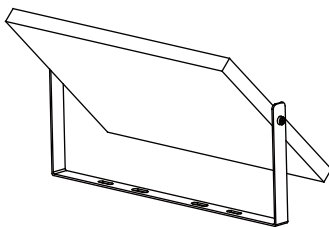


2、 On ground

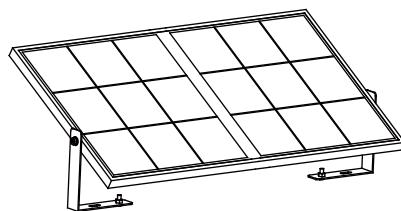


3、 Ceiling mounted

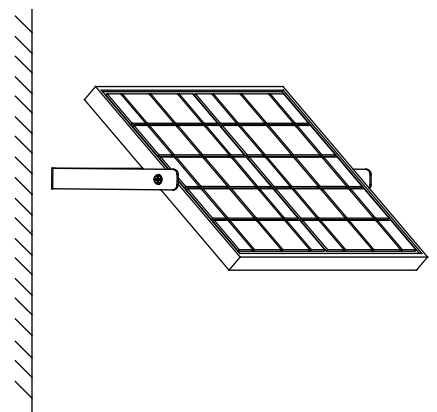
## Solar part installation



1、 On ground

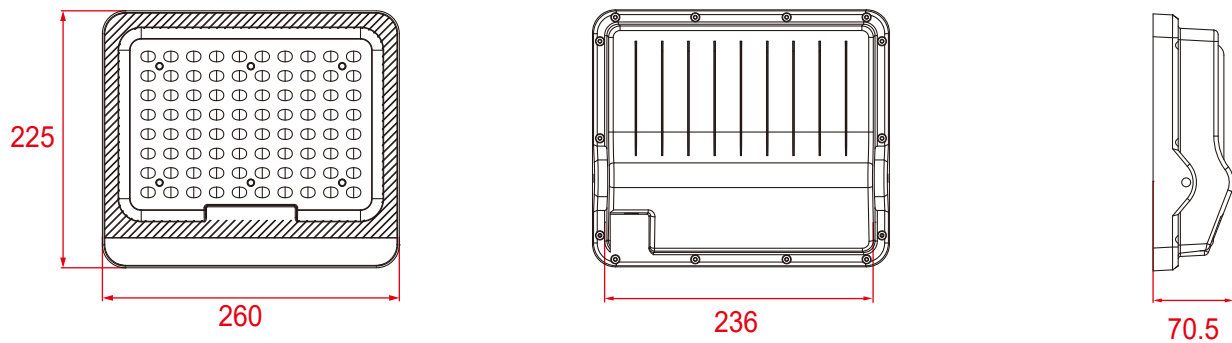


2、 On wall

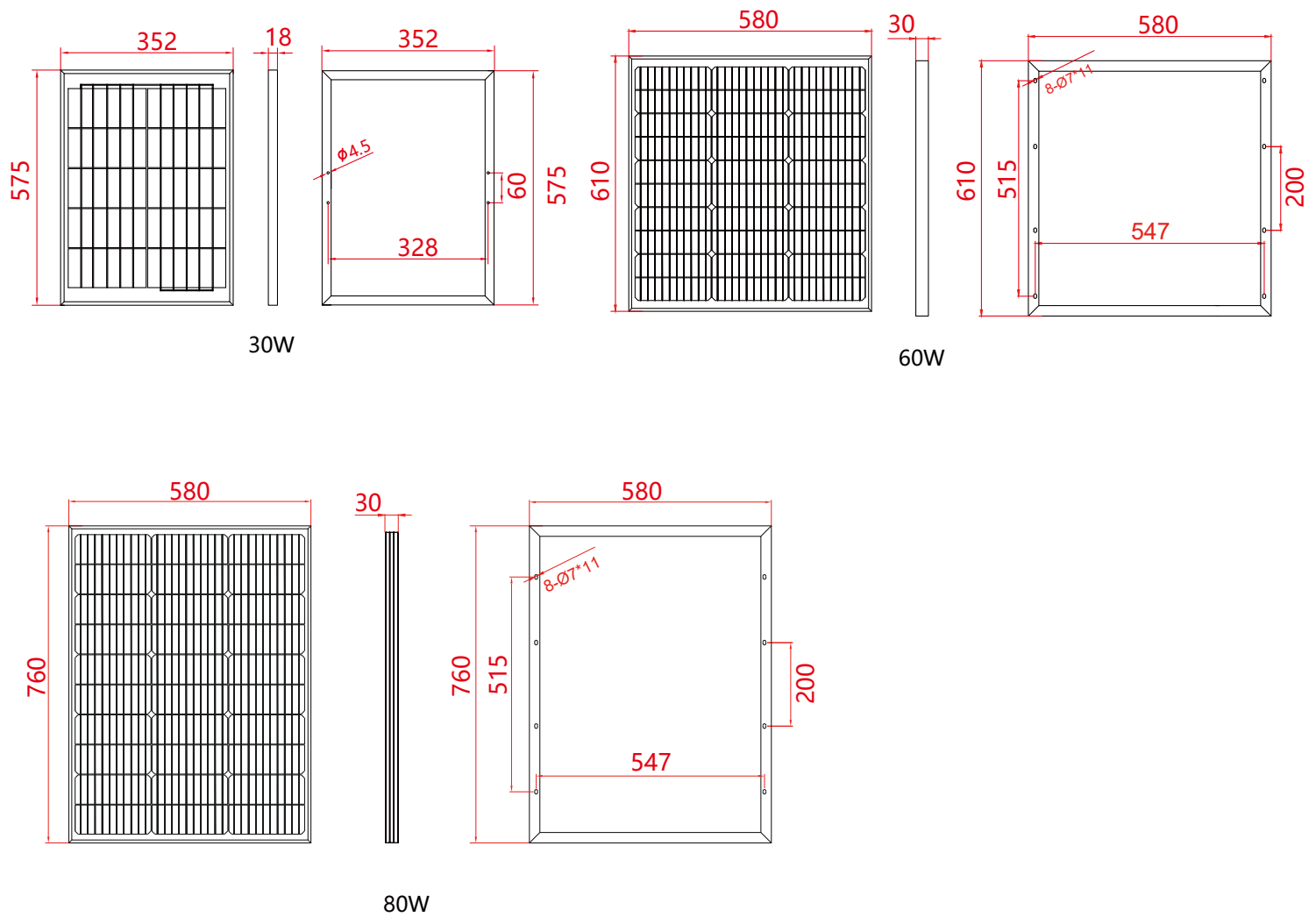


# Dimension

## Lamp Body



## Solar panel



# Parameter

Type	RS-BL30000	RS-BL40000	RS-BL50000	RS-BL60000
Panel				
Power	25W/5V	30W/5V	60W/5V	80W/5V
Material	polycrystalline silicon		Monocrystalline silicon	
Solar cell efficiency	19-20%			
LiFePO4 battery				
Capacity	64WH/20AH	144WH/45AH	192WH/60AH	256WH/80AH
Charge cycle times	2000 times			
Lamp head				
Luminous flux	1600-1700lm	2600-2700lm	3300-3600lm	4500-5400lm
Light output	9W	15W	20W	30W
LED qty	80pcs			
Color temperature	3000-7500K			
CRI	>70Ra			
Material of lamp head	Aluminium+PC			
Lifespan	50000hrs			
Beam angle	150*70			
System				
Lighting time(full charged)	2-3rainy days			
Operation temperature	-20℃~60℃			
Installation options	pole, lawn, wall			



## Application

