

Solar Beetle Light

RS-BL30000 RS-BL40000 RS-BL50000

Modern fashion design

Open the generation of solar flood light

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





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.

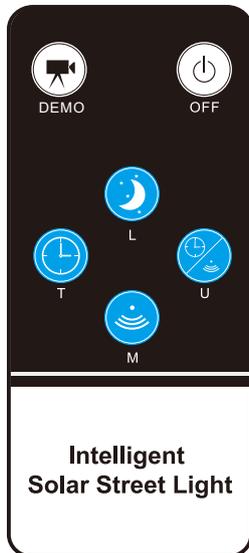


Light Efficiency Management

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

Working Mode

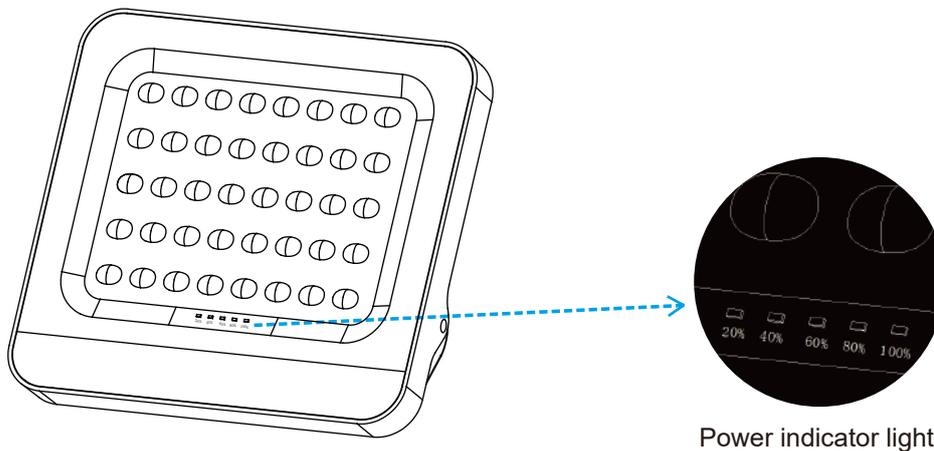
6 working modes



-  **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)

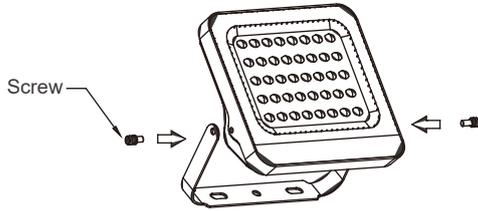
- Note:**
1. Default is L mode, can choose best mode according to different sunshine condition.
 2. Once a certain mode was set successfully, it will be reserved until you change other modes with remote control.
 3. U Highlight mode: Increase 30% on the original basis, mean 3H-130%, 3H-80%.

Power indicator function



Power indicator light

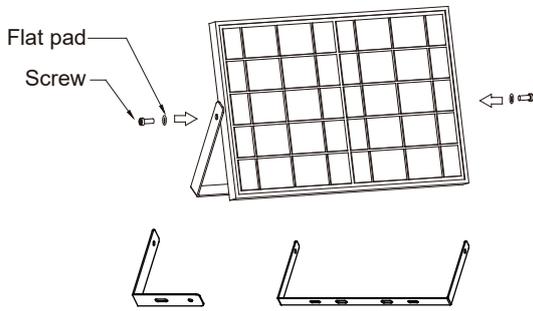
Assembling



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

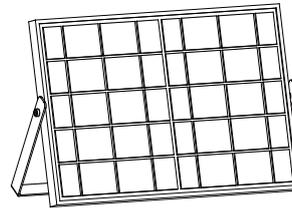


2. Light part assembling finish.



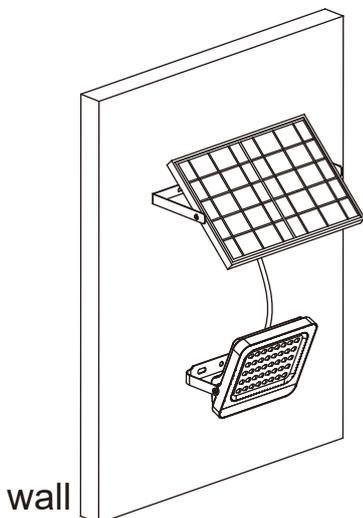
Bracket type

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

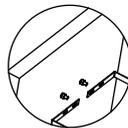


4. Solar panel assembling completed.

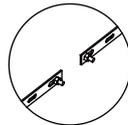
P.S : RS-BL50000 do not match panel bracket.



wall



A. Drive the expansion screw into the wall.

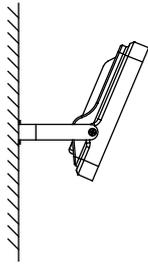


B. Nut locking bracket.

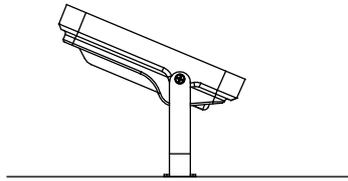


C. Pay attention to the waterproof joint anti-reverse connection.

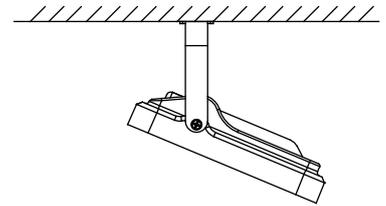
Light part installation



1、 On wall

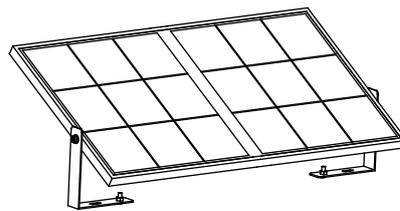
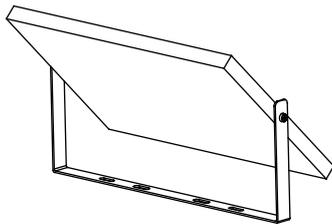


2、 On ground

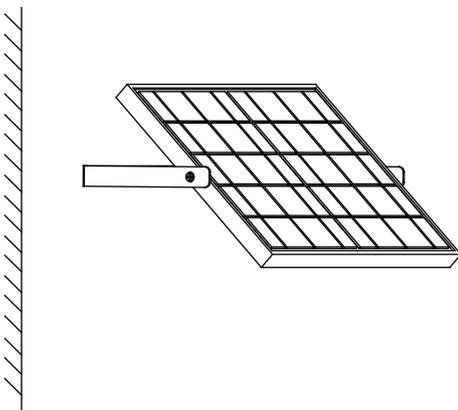


3、 Ceiling mounted

Solar part installation



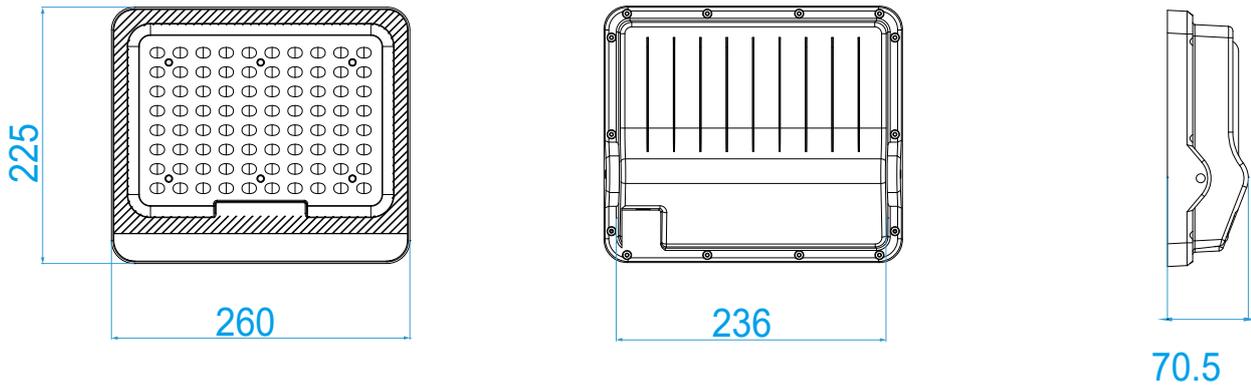
1、 On ground



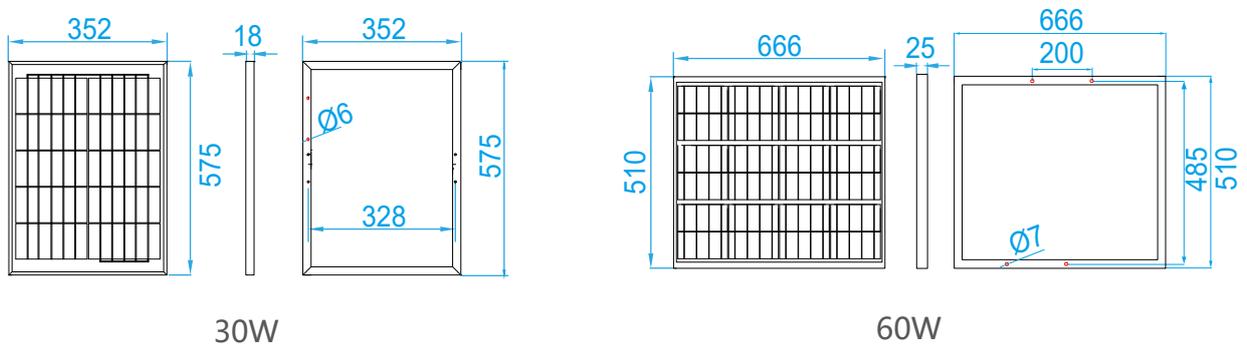
2、 On wall

Dimension

Lamp Body



Solar panel



Parameter

Technical parameter

	Type	RS-BL30000	RS-BL40000	RS-BL50000
Panel	Power	30W/5V	30W/5V	60W/5V
	Material	Polycrystalline silicon	Polycrystalline silicon	Polycrystalline silicon
	Solar cell efficiency	19-20%	19-20%	19-20%
LiFePO4 battery	Capacity	64WH/3.2V	144WH/3.2V	192WH/3.2V
	Charge cycle times	2000 times	2000 times	2000 times
Lamp head	Luminous flux	1600-1700lm	2600-2700lm	3300-3600lm
	Light output	9W	15W	20W
	LED qty	80pcs		
	LED chip	3030		
	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°C~60°C		
Installation options		pole, lawn, wall		

Application



House



School



Park



Villa



Hotel



Temple



Resort

