

Solar Beetle Light

Come from nature, Light up the future



Modern fashion design
Open the generation of solar flood light



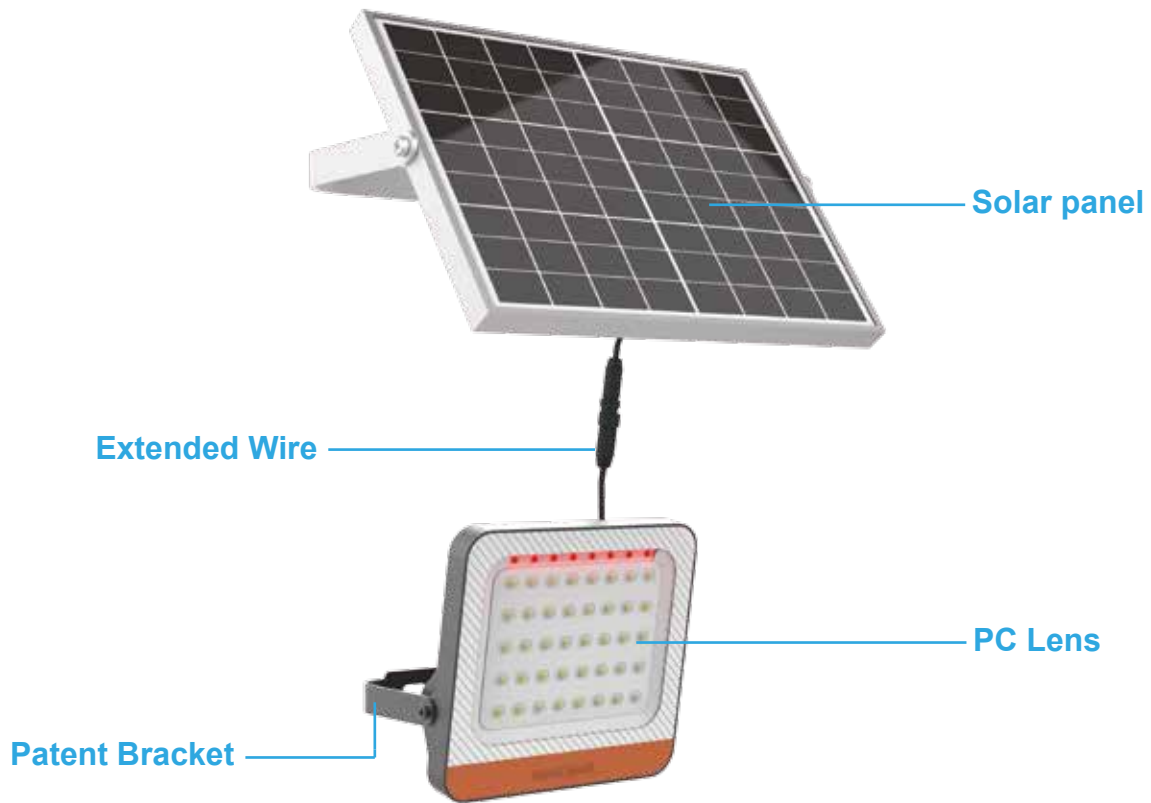
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01 Unique Structure Design

- Integrate the led, battery and controller into whole system, connect solar panel with extended wire. Easy to transport, install and maintain.





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02

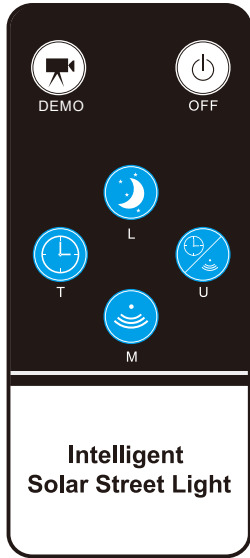
Core Technologies

- **Unique Design**
Easy to transport, install and maintain, with patent bracket to replace traditional expansion bolt.
- **Environmental Decoration**
RGB colour light source, landscaping design for environmental decoration.
- **Light Distribution Management**
Patent PC lens, special light distribution for rural area.
- **Power Control**
Judge recent climate to plan the reasonable discharge power, with charging indicator light.
- **LiFePO4 Lithium Battery**
2000times cycle charge and discharge, 8 years lifespan.
- **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.
- **Light Efficiency Management**
Patent led chip with high efficiency, the whole system lighting efficiency has been improved to 160lm/w



03 Working Mode

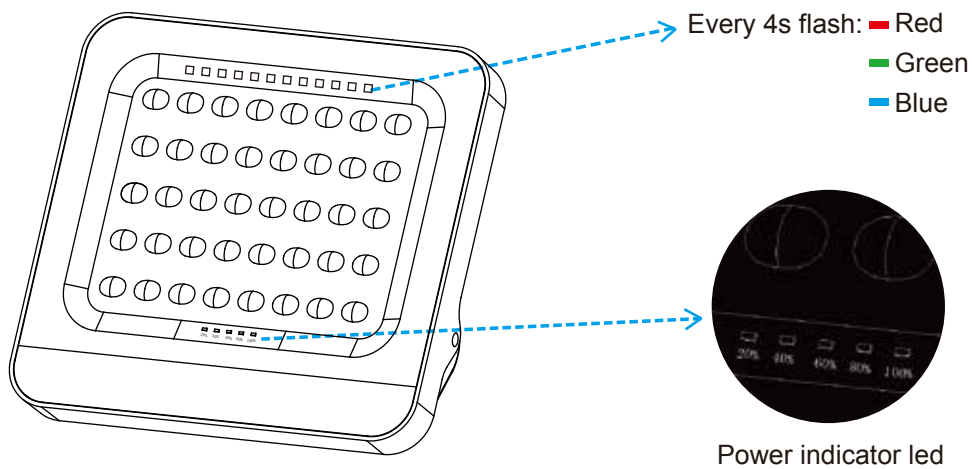
6 working modes



- DEMO:** No matter day or night, light "on" when people close, light "off" after people left. Only for test use.
- OFF:** Light "off ", no matter day or night.
- L:** At night, 2H-100%, 2H-60%, 10%-dawn.
- T:** At night, 1H-100%, 4H-60%, 6H-10%, 1H-60%.
- M:** At night, 1H-100%, 3H-40%, 10%-dawn.
- U:** At night, 2H-100%, 4H-60%, 2H-20%.

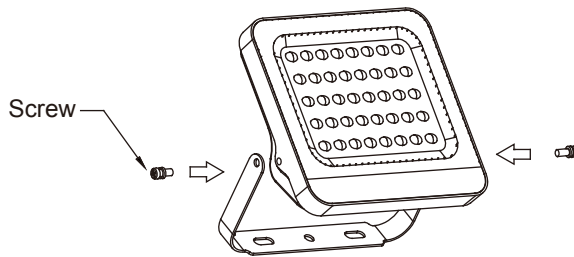
Note: 1. Default is L mode, can choose best mode according to different sunshine condition.
 2. Once a certain mode was set successfully, it will be reserved until you change other modes with remote control.

Power indicator function

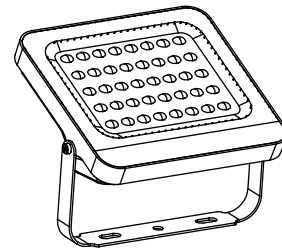


04 Installation Guide

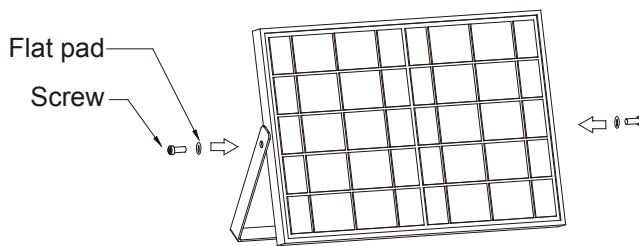
Assembling



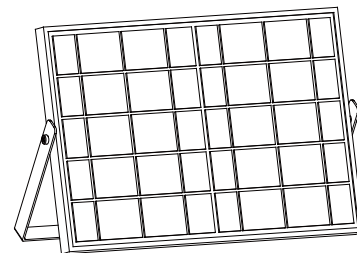
1. Fix bracket on light part through both sides holes.



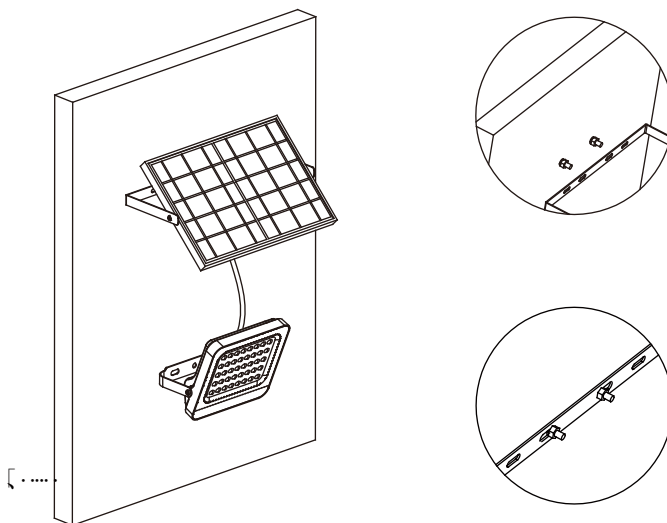
2. Light part assembling finish.



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.

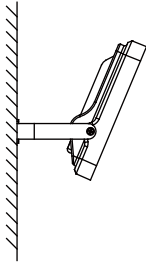


A. Drive the expansion screw into the wall.

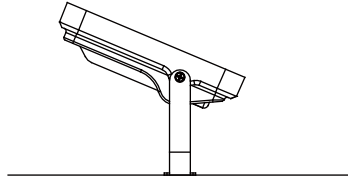
B. Nut locking bracket.



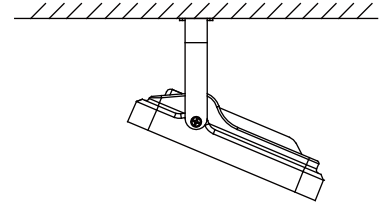
Light part installation



1、 On wall

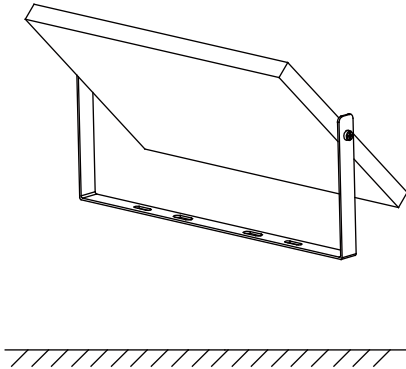


2、 On ground

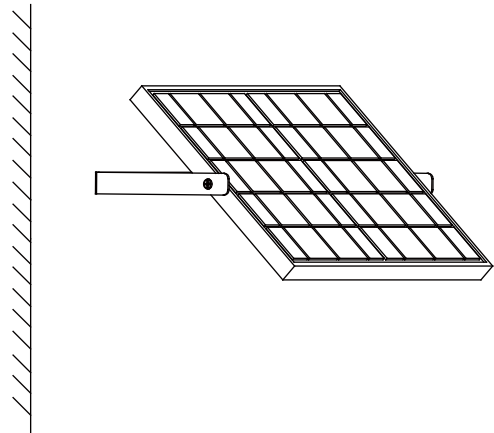


3、 Ceiling mounted

Solar part installation



1、 On ground



2、 On wall

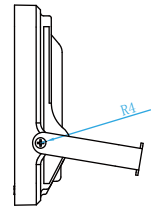
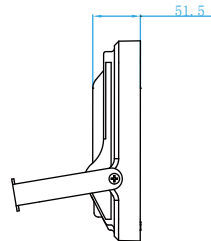
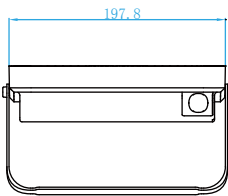
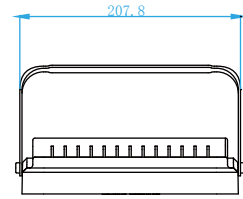
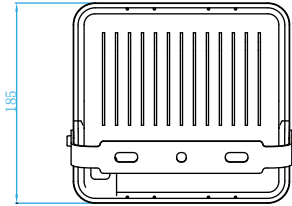
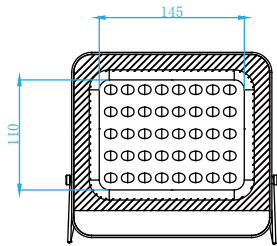


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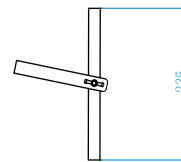
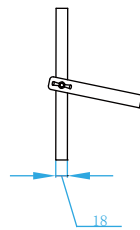
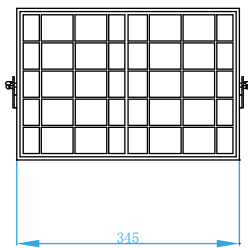
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Dimension

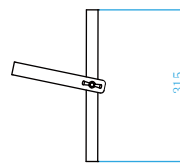
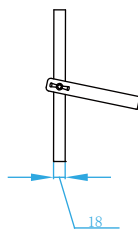
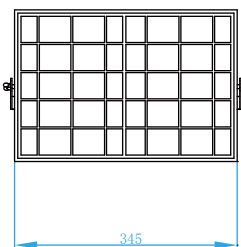
Lamp Body



Solar Panel



10W



15W



06 Parameter

■ Technical parameter

	Type	RS-BL2000	RS-BL5000
Panel	Power	10W/5V	15W/5V
	Material	Poly crystalline silicon	
	Solar cell efficiency	19-20%	
LiFePO4 battery	Capacity	17.6WH/3.2V	35.2WH/3.2V
	Charge cycle times	2000 times	
Lamp head	Luminous flux	540-600lm	900-1000lm
	Light output	3W	5W
	LED qty	40pcs	
	LED chip	3030	
	Color temperature	5000-5500K	
	CRI	>70Ra	
	Material of lamp head	PC+ABS	
	Lifespan	50000hrs	
System	Light control voltage	1V	
	Lighting time(full charged)	2-3rainy days	
	Operation temperature	-20°C~60°C	
	Installation options	pole, lawn, wall	



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07

Package

Type	Carton Box	Box size(L*W*H)	Net Weight	Gross Weight	Volume Weight	20GP	40GP
RS-BL2000	1Set/Carton	415*290*120mm	2kg	2.5kg	4kg	2100sets	4300sets
RS-BL5000	1Set/Carton	415*365*120mm	2.5kg	3kg	5kg	1600sets	3400sets





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Application



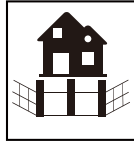
House



School



Park



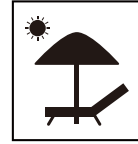
Villa



Hotel



Temple



Resort

