

## Indicator light status instructions

RS-SL50-C/SL65-C/SL80-C

LED light	Indications	Status	Functions
Blue 		Long-term On	The solar panel voltage is higher than light control voltage
		Long-term Off	The solar panel voltage is lower than light control voltage
		Fast twinkling	Battery full charged
RED 		Long-term On	Battery works normally
		Long-term Off	Battery is not connected/No power
		Fast twinkling	Battery is over discharged
Green 		Long-term On	Load is on
		Long-term Off	Load is off

There are three indicator lights

**System faults include:**

- Over discharging of battery.
- System overvoltage.
- LED load in short circuit.
- LED load in open circuit.

## 6 working modes

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

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

**L:** At night, 100%-1hr, 70%-3hrs, 30%-2hrs, 20%-dawn.

**T:** At night, 100%-1hr, 70%-2hrs, 40%-3hrs.

**M:** At night, 50%-1hr, 100%-3hrs, 30%-dawn.

**U:** At night, 100%-1hr, 70%-3hrs, then sensor working, 50% if people come, 20% stand-by.

**Note:**

- Default is L mode, can choose best mode according to different sunshine condition.
- The three LED indicator lights will twinkle if modes changing successfully.
- Once a certain mode was set successfully, it will be reserved until you change other modes with remote control.

## FAQ

**Q: Why Solar Sailing Light do not light on?**

- A:**
1. Make sure waterproof connector is connected.
  2. Activating charge when first installation. Connect solar panel to light body and make sure solar panel face to sunlight directly at least 5s, then check is it light on at night.
  3. If it can't light on after several days' using, you can read controller status instructions part on this manual.

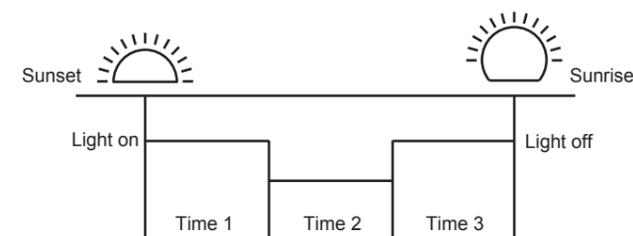
If above information still can't solve your problem, pls contact Road Smart directly, we will happy to serve you all the time.

**Q: Does it need clean surface of panel?**

**A:** Yes, it is needed to clean surface regularly according to the gravity of the dust in local city.

**Q: Dose the lamp light on automatically?**

**A:** Yes, it will light on automotically at darkness no matter which mode except "OFF".



**Q: Should I press "OFF" at daytime to save power?**

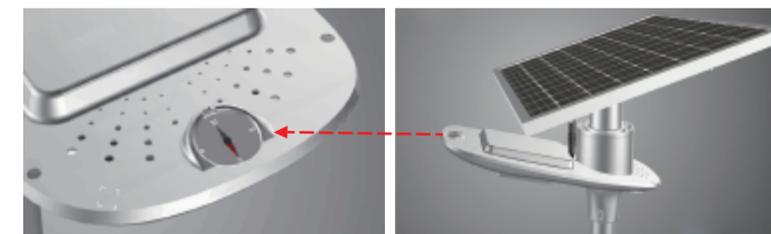
**A:** No need. "DEMO" and "OFF" only uesd for demonstration purposes to your customers when needed, except that, you can chose any one from L, T, M, U modes for daily use. Recommend L.

**Q: Where is the compass on Solar Sailing Light?**

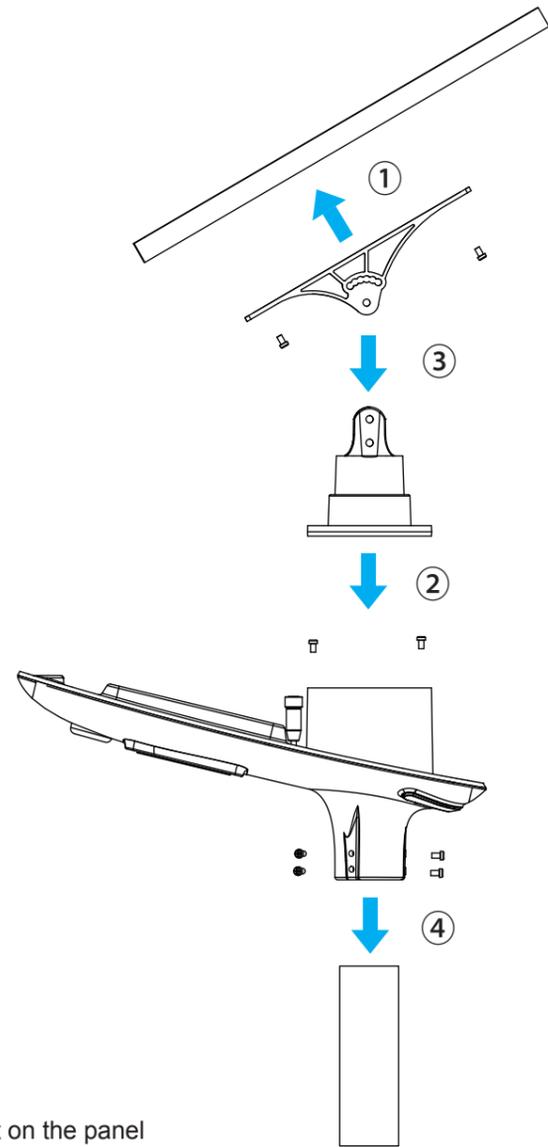
**A:** It's on the upside of lamp head.

**Q: What is the use of compass?**

**A:** It can guide you which direction is north or south, easy to install correctly.

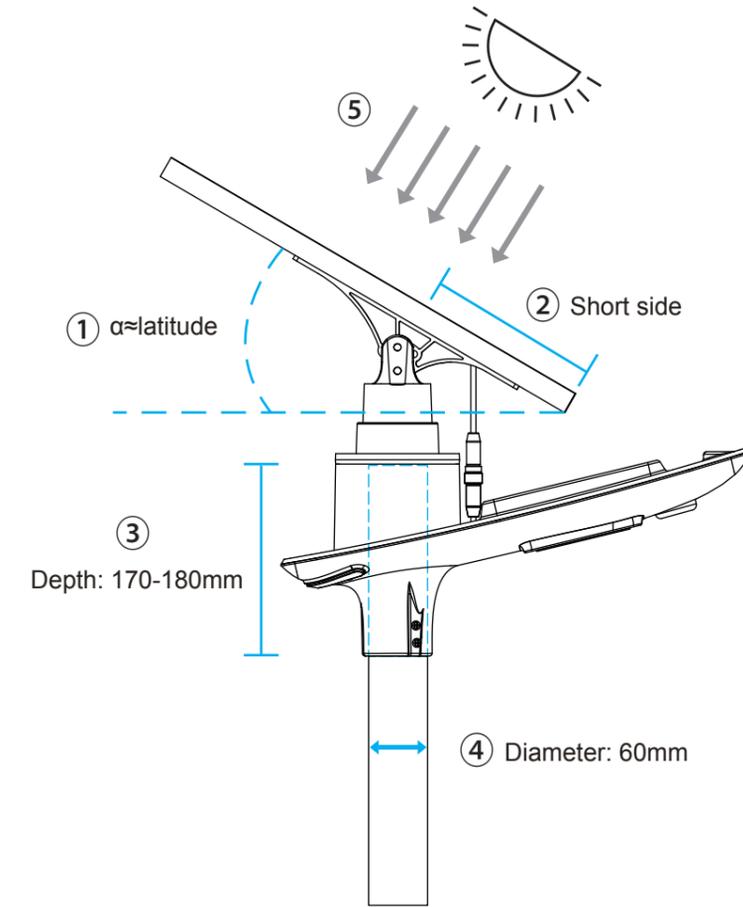


## How to install Solar Sailing Light?



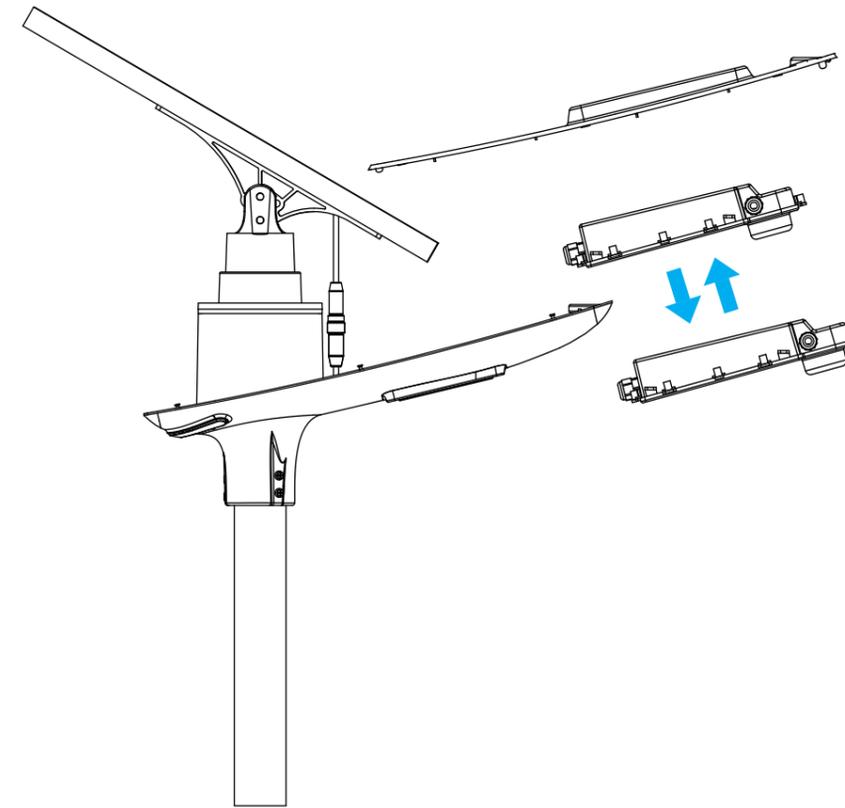
1. Fix bracket on the panel
2. Fix rotating head on the lamp
3. Connect the panel to the rotating head
4. Install the whole light system on pole

## Tips of installation



1. Set suitable angle towards sun.(≈local latitude)
2. In order to maximize the solar panel angle, please let the short side of solar panel downward.
3. Depth of lamp at the top of pole should be 170-180mm.
4. Keep the top diameter of pole is no more than 60mm.
5. Recharge battery every 3 months at least if lie idle.

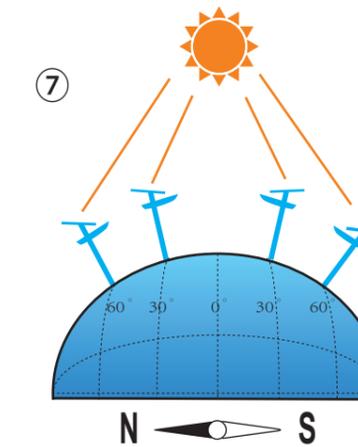
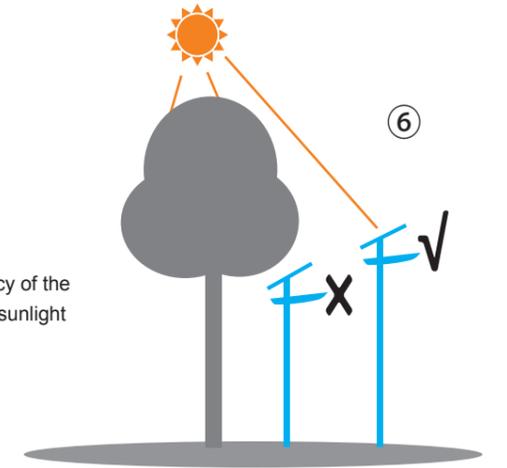
## How to replace accessories?



### Parameter:

Model	Solar panel	Lithium battery	Luminous flux	Light output	Install height
RS-SL50-C	50W/5V	144WH/3.7V	1700-1800lm	10W	4-5m
RS-SL65-C	65W/5V	173WH/3.7V	2500-2700lm	15W	5-6m
RS-SL80-C	80W/18V	275WH/11.1V	3300-3600lm	20W	5-6m

6. For the maximum operation efficiency of the solar panels, please make sure the sunlight is not blocked by buildings or trees.



7. If you install Solar Sailing Light in the northern hemisphere, please make the solar panels face towards the south. If you install Solar Sailing Light in the southern hemisphere, please make the solar panels face towards the north.

8. When you install Solar Sailing Light in two sides of road, please keep solar panels of two sides are the same direction based on point 7.

