

Installation Instructions

WARNING

1.Solar panels are fragile, so please do not scratch or bump when installed. Scratches, dirt and shelter on the surface will affect the power generation efficiency of solar panels.

2.Solar lamp installation, such as in the northern hemisphere solar panel should face in the northern hemisphere, such as the southern hemisphere should face south.

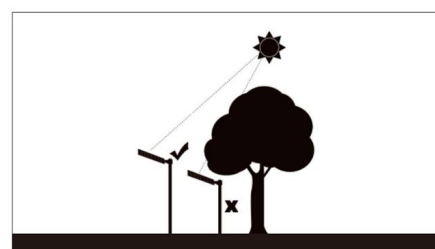
3.The product must be charged every 3 months when idle; If it needs to be transported or stored for a long time, it is necessary to timely check, charge and record; otherwise, the battery will be damaged. Charging method: In sunny conditions, open the lamp switch, the solar panel is placed facing the sun, continuous charging for 1-2 days. Note: use a multimeter to test the voltage at both ends of the battery is more than 13V (12.8V LiFePO4)

4.Installation location shall be away from WIFI,omnidirectional antennas for mobile communications, small base stations for telecommunications, TV antennas, etc. Signal source too close may disable, the dimming functions.

5. The luminaire should not be installed on vibrating surfaces, otherwise the sensor is easy to be triggered by mistake.

6.The luminaire shaking may cause the sensor to be triggered by mistake.

7. The dimming function of luminaire might be effected by the objects with vibration in its sensing area. The luminaire should not be installed on the surface of vibration, and the luminaire should not be covered or under (e.g.trees or leaves), otherwise the sensor may be triggered or not triggered by mistake. Also on snowy days or rainy days, the sensor may be triggered or not triggered by mistake.



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8. The product has good penetration effect on plastic and wood. Avoid metal shielding around the antenna, which will reflect and block microwave and affect the actual induction effect.
9. Walls, glass, and ceramics will bring reflection and penetration attenuation of electromagnetic waves, and reduce the sensing distance of the sensor. The thicker the material is, the more serious the attenuation is.
10. The movement of animals and objects within the sensing range may cause the light to turn on, which is a normal phenomenon.
11. The electromagnetic wave emitted by microwave sensor in the practical application environment, the different reflectivity of obstacles will lead to different induction range, which is normal phenomenon.
12. Please turn on the power switch of the fixture before use, and test whether it is functional before installation;
13. Ensure that the power switch is on when working normally. Please test whether the lamps are charged and discharged normally before installation (the solar panel is charged by sunlight and the lamp is off; Solar panels block sunlight, do not charge, light)
14. View the entire installation guide. Do not disassemble by non-professional technicians or under the guidance of professional technicians.
15. Do not place the product in water or fire, as there may be explosion risk.
16. Please pay attention to the secondary transport protection, do not damage the lamp

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17. Disposal at end of life: Battery to be removed by professional

18. The product contains lithium batteries, please follow the air transport regulations when shipping, should be regarded as flammable and explosive goods, storage should be separated from other items to avoid damage.

19. Charging and discharging requirements: Charging temperature is 0-55°C, discharging temperature is -10-60°C; Storage temperature: -10~35°C.

20. The installation distance, both transverse and longitudinal, should be greater than 15m. If the installation distance is too close, individual lamps may be misfit.

21. The final product interpretation authority of our company.

Note: These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every possible contingency during installation, operation or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for user's purpose, please contact your nearest representative.

Note: Specifications and dimensions subject to change without notice.

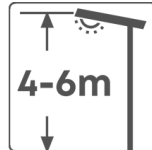
DISCLAIMER OF LIABILITY: Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

NOTICE: Green ground screw provided in proper location. Do not relocate.

ATTENTION Receiving Department: Note actual fixture description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

Safety: This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to insure personal safety. Carefully observe grounding procedure under installation section.

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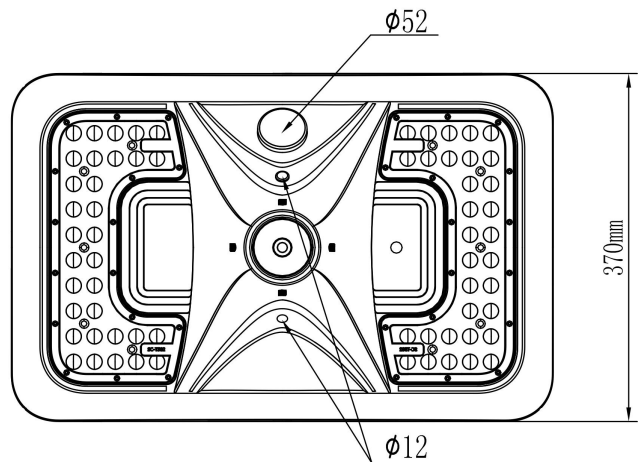
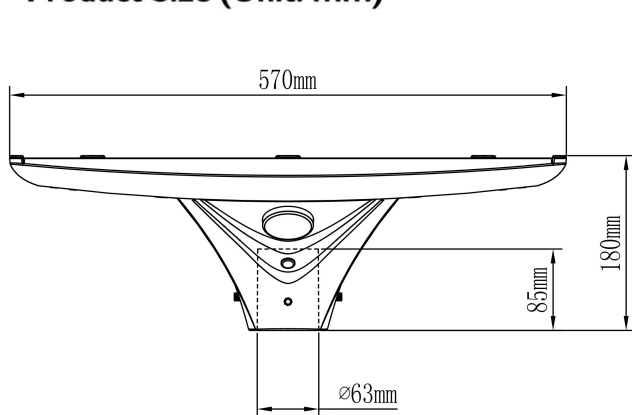


Type Number	Flux(lm)	CCT	Battery type	Battery parameter	Solar board type	PV power	Solar board voltage	Remote type	Remote distance	PSH (Any figure lesser than that is not recommended)	Charing Time (MPPT) (hrs)	Ambient Temperature	Product weight
Revolve750 AIO solar post top 19S/757	1900m	5700K	LFP	6Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥1.5hrs	2.4	-10°C -55°C	6.2kg
Revolve750 AIO solar post top 37S/757	3700m	5700K	LFP	12Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥3hrs	4.8	-10°C -55°C	6.9kg
Revolve750 AIO solar post top 54S/757	5500lm	5700K	LFP	18Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥4hrs	7.2	-10°C -55°C	7.5kg
Revolve750 AIO solar post top 19S/740	1900m	4000K	LFP	6Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥1.5hrs	2.4	-10°C -55°C	6.2kg
Revolve750 AIO solar post top 37S/740	3700m	4000K	LFP	12Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥3hrs	4.8	-10°C -55°C	6.9kg
Revolve750 AIO solar post top 54S/740	5500lm	4000K	LFP	18Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥4hrs	7.2	-10°C -55°C	7.5kg
Revolve750 AIO solar post top 19S/730	1805m	3000K	LFP	6Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥1.5hrs	2.4	-10°C -55°C	6.2kg
Revolve750 AIO solar post top 37S/730	3515m	3000K	LFP	12Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥3hrs	4.8	-10°C -55°C	6.9kg
Revolve750 AIO solar post top 54S/730	5415lm	3000K	LFP	18Ah/12.8V	MONO	35W	18V	microwave	4-6m	≥4hrs	7.2	-10°C -55°C	7.5kg

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REVOLVE

- Product Size (Unit: mm)



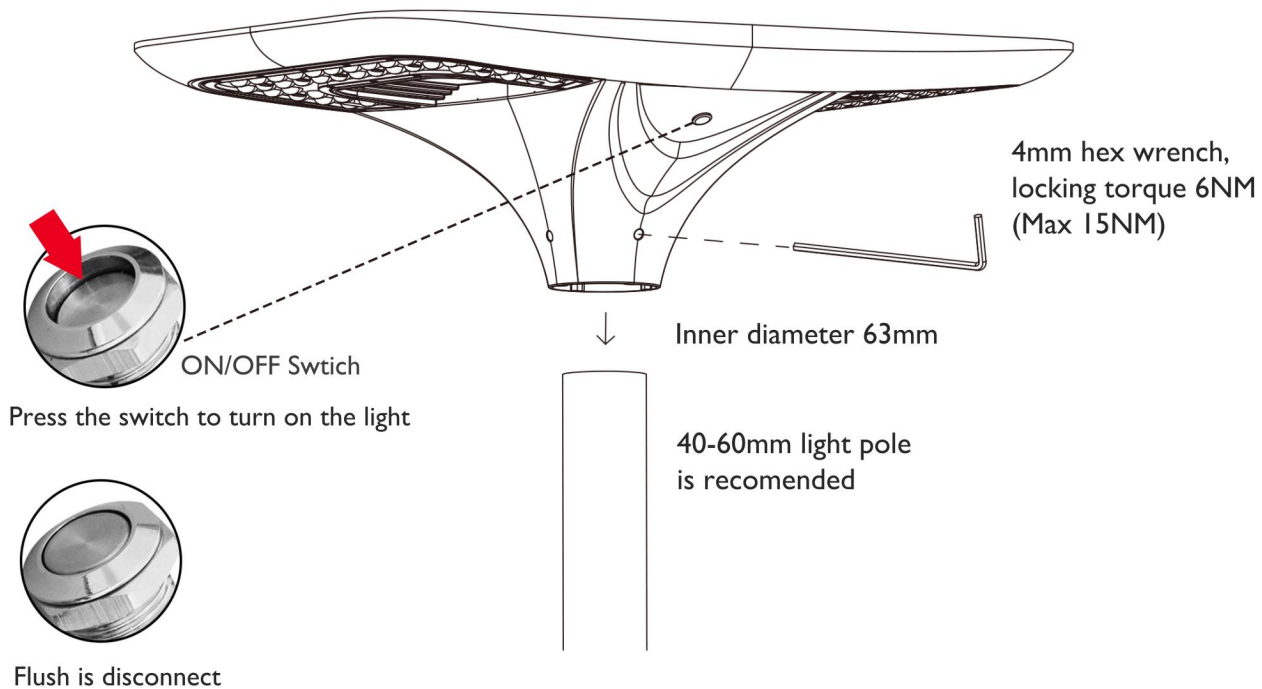
- Installation Tools Reference



Hex socket screws
M8*30mm 4PCS

Note: Screws have been installed on the hole of the luminaire.

- Installation Guide



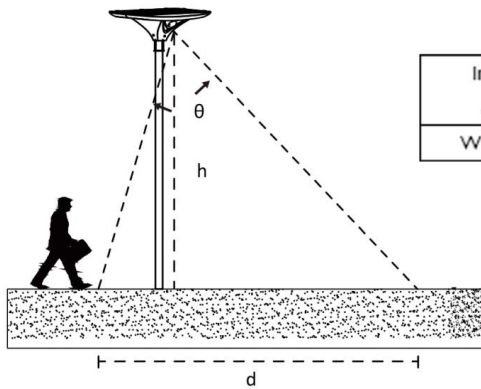
Please follow the steps below to ensure proper installation of the Luminaire:

1. Carefully open the package and check for any damage to the package or its accessories. Make sure that all the accessories are complete.
2. Turn on the switch to test the charge and discharge function.
3. Loosen the screw on the bracket, place the fixture on the light pole, and fix the screw with an inner hexagon wrench

***Note:**

1. This product can be installed on poles with a diameter of 40-60mm and an installation depth of 85mm.
2. Please handle with care and, if needed, two people should cooperate when carrying or installing.
3. Please ensure that the solar panels are kept clean.

- Detection Distance



Inductive Type (alternative)	0-Angle (X-axis rotation: 360°)	h (Height of lamp rod)	d (Inductive width)
WB (Microwave)	65°	4-6m	5-8m

- Indicator Status

Indicator Light	State of Indicator Light	Description of Indicator Light	State of Remote Controller System
Red	Normally on	Normal system	Idle/discharge
	Slow flash	Charging	Charge
	Fast flash	System failure	Short circuit/open circuit/over-discharge/PV over-temperature/BV over-temperature/EBMS/over-temperature

***Note:**

1. The sensing distance mentioned above is based on the installation height of 6m and is opposite to the sensor. The adult pedestrian speed is about 0.5-1m/s, and the vehicle speed is about 3-5km/h;
2. The sensing distance may vary based on the sizes and speeds of people or objects. Faster speed results in a shorter sensing distance.
3. The sensor is optimally designed for detecting movement of people or objects. Therefore, under some specific circumstances, minor actions may not trigger the sensor detection.

- Operating Mode

Steps	With Motion Dim	Without Motion Dim	Duration
T1	100%	30%	2 hrs
T2	70%	10%	3 hrs
T3	40%	10%	7 hrs

Working mode shall be subject to specific order requirements.