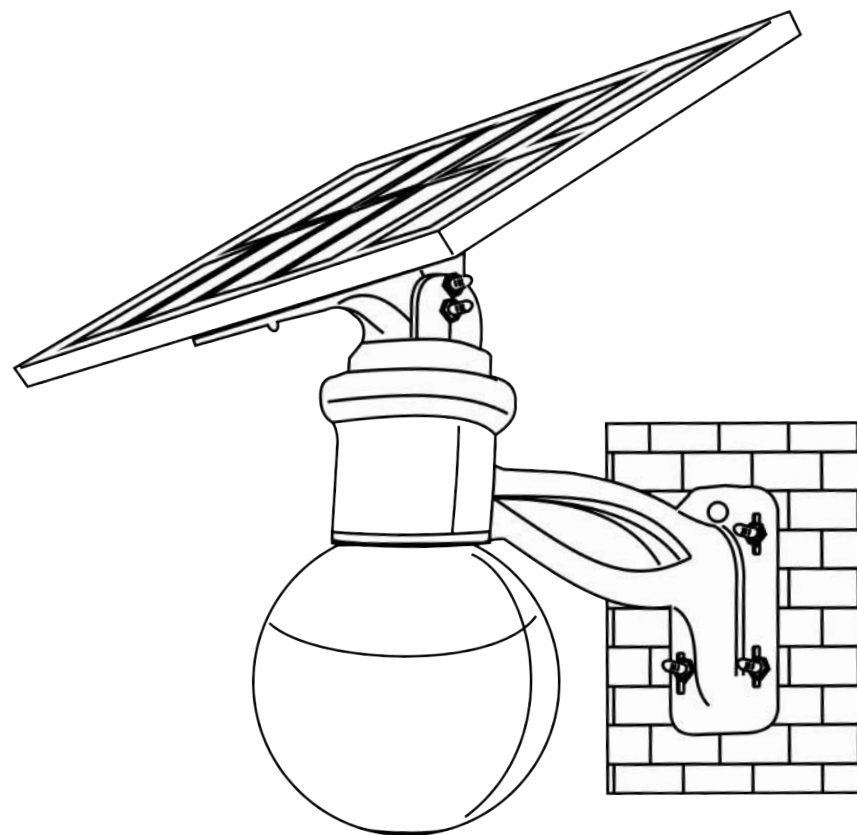


Installation & Operation Manual

Model Number: SC-ML-4W
SC-ML-8W
SC-ML-12W

We catch every sunbeam, make it shine.



List of accessories

Components List

1. Aluminum Arm
2. LED and Battery Housing
3. Lamp Cover
4. Solar Panel

Other Parts and Tools Included:

The following fixtures and fittings are included with the moonlight.

1. 4 x 304 expansion screw, washer and nut
2. 2 x 304 M6 hexagon bolt (long) and locknut
3. 3 x 304 M6 bolts (short)
4. 1 x M5 allen key wrench
5. 1 x M10 open-ended wrench
6. 1 x pole mounting back board

Installation Procedure

Step 1

Insert the LED and battery housing into the aluminum arm and secure with bolts provided.

Step 2

Attach solar panel to aluminum arm with bolts provided.

Step 3

Screw on lamp cover.

Step 4

Attach solar panel cable to socket in LED and battery housing.

Step 5

Use bolts provided to secure assembled moon light to wall or pole.

Adjust solar panel to face the midday sun and fully tighten all bolts.

N.B. Choose instalation site carefully to ensure the solar panel is not shaded by surrounding obstructions at any point in the day.

The panel requires six hours of unobstructed sunlight per day to fully charge the battery.

Datasheet

Solar Module	LED Power	LED Lumens	Battery Capacity
12W	4W	700-900lm	10AH
25W	8W	1050-1440lm	20AH
40W	12w	1800-2100lm	30AH
Charging time	6 hours	Installation options	wall mount, pole mount, lamp-post, telegraph pole
Static power consumption	0.064W (microwave induction)	Suggested mounting separation distance	8 ~ 10m
Operating temperature	-20°C ~ 60°C	Suggested mounting height	2.5 ~ 4m
Nominal service life	≥ 50,000h	Light delay	20S
Light Source	6 x LED	Movement sensor distance	5 ~ 8m
LED Supplier	PREAD LED	Bracket material	High quality aluminium alloy sections, high-pressure casting aluminum
Color temperature	3000 ~ 6500K	Surface treatments	Hot dip galvanized
CRI (color rendering index)	Ra≥70	Detection angle	140°360
Battery discharge time	3 days (little time difference upon 6 different modes)	Light-controlled voltage	1V
Drive current	300 mA / LED	Battery material	Lithium iron phosphate

Intelligent Lighting

Night Time Mode (L)

Light will automatically turn on at night and operate at 30% brightness until morning. Movement sensor will trigger 100% brightness for 20 seconds.

Movement Sensor Mode (M)

From nightfall until morning, light will automatically turn on to 100% brightness when it senses movement nearby. It will turn off twenty seconds after movement stops.

Timer Mode (T)

Light will automatically turn on at night and operate at 100% brightness for four hours and then turn off.

Combination Mode (U)

Light will automatically turn on at night and operate at 100% brightness for four hours and then turn off. The movement sensor will continue to trigger 100% brightness for 20 seconds until morning.

