Specifications

Solar panel 6.5W, 10 Year Life Span
Battery 3.7V, 12000 mAh, Li-ion
LED Count 30
Brightness (Lumens) Up to 1000 lm
Recharge time 1- hours bright sunlight
Lighting time More than 3 nights (Dime lighting mode)
PIR sensor 16-26 ft (5~8 m), 120°
Waterproof IP65
Install Height 8-11 ft (2.5~3.5 m)
Materials Aluminum, Poly-carbonate
Size 38 x 19.7 x 3.4 inches (450 x 246 x 86 mm)
Working Temperature -13°F to 149°F (-25°C to 65°C)

User Manual

Easy Install

1. Install the Light fixture to your desired pole as shown in the diagram to the left. Use the supplied Bolts and washers to attach the flat bracket to the u shape bracket.

2. Install the light fixture to a wall by first drilling 4 holes in your wall suitable for the supplied expansion bolts. Use the supplied expansion bolts and washers to secure the flat bracket to the wall.

For best performance, it is recommended to install the light where it receives maximum sunlight.

3. After installing, you can adjust the angle of the light. You can adjust the light to 3 different angles as shown in diagram to left.

Remote Control

PROGRAMMING THE LIGHT WITH THE REMOTE CONTROL
ON: Turns on the light. When you first turn on the light, the initial default lighting mode is motion detection mode M1.
OFF: Turns off the light and saves the last lighting mode.

If you use the OFF button to turn off the light, it will not detect darkness and automatically turn on. You will need to press the ON button again to make the light operational for use.

Special note

1. Charge in bright sunlight for 5 hours before first time use.
2. If the light is not in use for more than 3 months, please charge fully under bright sunlight in order for the light to function properly.
3. When using the light in less than optimal conditions (cloudy, not much direct sunlight), it may take longer to fully charge the battery.

Warning

1. Keep device away from fire and oil to avoid explosion.
2. Severe shock to Solar powered light is to be avoided.
3. Do not disassemble the light without assistance from an expert.

Package include:

1. Light fixture
2. Remote Control
3. U shape bracket (2 pcs)
4. M12 Flat washers (4 pcs)
5. M12 Spring Washer (4 pcs)
6. M12 Nut (4 pcs)
7. Expansion Bolt (4 pcs)
8. M8 Large Flat Washers (4 pcs)
9. Small open end wrench
10. Small hex wrench

Activation

Activate the light by pressing the button on the underside of the light and pressing the ON button located on the remote control. The light will turn on for 5 seconds to indicate that you have been successful.
Function

**Motion Detection**

**M1 (default mode):** Steady on at 10% brightness and then 100% brightness when motion is detected by the PIR sensor. 30 seconds after motion ceases, the light returns to 10% brightness.

**M2:** Steady on at 30% brightness and then 100% brightness when motion is detected by the PIR sensor. 30 seconds after motion ceases, the light returns to 30% brightness.

By default, the light is off during the day and comes on automatically at night. Without programming, it operates in motion detection mode M1 (described later).

**Brightness Override**

A constant brightness can be selected by pressing one of the four brightness buttons on the remote. This will override the motion detection modes, (M1 or M2).

- 10% – 100 Lumens
- 30% – 300 Lumens
- 60% – 600 Lumens
- 100% – 1000 Lumens

The light will remain at the set brightness until dawn, the end of the timer mode (see next section), or until the battery is low. If the battery is too low during the night while in brightness mode, then the light will reset to M1 mode the next night. If the battery is not depleted, then the light will resume at the previous brightness selected from the night before.

**Timer Mode**

To activate the light in timer mode for 1-8 hours and override the motion detection modes (M1 or M2), select a brightness % button and then one of the timer buttons (T1-T4). There is a switch located in the battery compartment of the remote that toggles the T1-T4 buttons from 1-2-3-4 hours to 5-6-7-8 hours.

For 100% brightness for 4 hours, press the 100% button and then the T4 button (with the toggle switch set to OFF)

For 30% brightness for 5 hours, press the 30% button and then the T1 button (with the toggle switch set to ON)

When the timer is over, it will reset to the default M1 motion detection mode and repeat this program (Timer + M1) the following night, until another program is selected.

To cancel the Timer mode, press and hold one of the T2, T3 or T4 buttons for 2 seconds. The indicator LED’s on the light will flash 3 times.

**Remote Switch**

A constant brightness can be selected by pressing one of the four brightness buttons on the remote. This will override the motion detection modes (M1 or M2).

- 10% — 100 Lumens
- 30% — 300 Lumens
- 60% — 600 Lumens
- 100% — 1000 Lumens

The light will remain at the set brightness until dawn, the end of the timer mode (see next section), or until the battery is low. If the battery is too low during the night while in brightness mode, then the light will reset to M1 mode the next night. If the battery is not depleted, then the light will resume at the previous brightness selected from the night before.

**Examples**

- If you choose 60% (no timer) the first night and do not change it, it will keep 60% the following night. But if the battery is low, it will default to M1.
- If the light is set to 60% brightness for 4 hours on night 1, it will change to M1 mode at the end of the 4 hours. On night 2, it will run the program for 60% brightness again for 4 hours and then M1. This pattern will continue until another program is selected.
- If the battery drains during timer mode, the light will turn off but will keep the same lighting mode the next night once the battery is recharged.

**Memory**

The light will remember the last button/program selected and revert to that setting the subsequent night until a new program is set.

**Examples:**

- If the light is set to 60% brightness for 4 hours on night 1, it will change to M1 mode at the end of the 4 hours. On night 2, it will run the program for 60% brightness again for 4 hours and then M1. This pattern will continue until another program is selected.
- If the battery drains during timer mode, the light will turn off but will keep the same lighting mode the next night once the battery is recharged.