

Solar motion sensor lamp

Model No. CLL-AL76-04



Introduction

This solar powered lamp is a perfect solution for lighting large areas without a flip of a switch. It is motion-activated, and the user can access it using the included remote control. Durability and the ease of configuration make the lamp a perfect solution for indoor or outdoor purposes, ready to bring the light despite the season and weather conditions.

Installation

1. Ensure that the place of installation is exposed to the sunlight at all times.
2. Drill the pilot holes.
3. Insert expansion screws into pilot holes and securely tighten them.
4. Mount the solar motion sensor lamp.
5. Press the ON button to switch between the modes. (**mode B is recommended**)

Specification

Battery	LiFePO4, Maintenance-free, 3.2V, 10000 mAh / 20 000 mAh
LED	76 Pcs, 0.2W, 30 lm, SMD 2835
Cover material	6063 Aluminium
LED color	white or warm
Luminous Flux	1700 lm
Irradiated Area	60-100 m ²
Sensing method	Micro-radar sensor
Sensing distance	8 - 12 m
Output power	15 W
Sensing angle	> 180°
IP rating	IP65
Designed lifespan	> 12 years
Weight	1.27 kg or 1.57 kg
Dimensions	265 mm / 160 mm / 106 mm
Detections on single battery span	170 - 1500

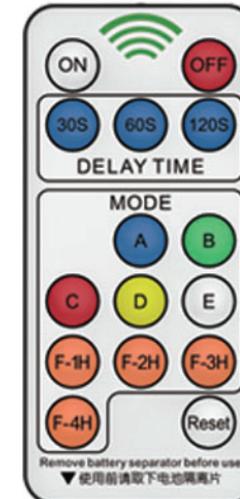
Operation

1. Power button

- 1st press - mode A (press and hold)
- 2nd press - mode B (short press)
- 3rd press - mode C (short press)
- 4th press - mode D (short press)
- 5th press - mode E (short press)
- 6th press - OFF (short press)
- ON button long press - mode F

2. Remote control

- 30S: Keep light on for 30 seconds after motion disappears
- 60S: Keep light on for 60 seconds after motion disappears
- 120S: Keep light on for 120 seconds after motion disappears
- Reset: Restore factory defaults (Mode B)



Lightning modes

Mode A: Motion detection + dim Light

Lamp automatically switches to high luminance when motion is detected, then it switches to dimmed lightning.

Mode B: Motion detection + switch off

Lamp switches on when motion is detected, then it switches off.

Mode C: 5 hours + motion detection

Lamp switches to high luminance for 5 hours during nighttime, then switches to Mode B.

Mode D: Intelligent Mode

Constant high luminance above 60% battery capacity, then switches to Mode B.

Mode E: Nighttime high luminance

Constant high luminance during the whole night.

Mode F: Emergency

High luminance for 1 or more hours.

Attention!

1. In case the light fails to switch on, or if the indicator lamp is flashing, put the lamp in the sunlight for several hours to activate built-in battery.
2. Time of illumination may vary due to weather, season, location, and other factors that affect conversion efficiency of the solar module.
3. To achieve best-possible performance, maximize the sunlight exposure by orientating the solar module towards the sun.
4. Do not mount the lamp upside down, or not vertically.

