MAJOR TECH

INSTRUCTION MANUAL

SFP-10C
SOLAR LED WALL LIGHT

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1. IMPORTANT NOTES

- Weatherproof Design: The light is built to withstand tough weather, with a waterproof structure ensuring reliable performance.
- To check if the light is on, cover the solar panel or place it in the dark, and it should illuminate. If not, ensure it's fully charged (6-8 hours) before testing again.
- Illumination Duration: After 6-8 hours of charging, the light provides 10-12 hours of illumination. However, factors like weather, sun intensity, temperature, and heat can affect the actual runtime.
- Maintenance Tip: If you notice a decrease in illumination time or intensity, it could be due to a dusty solar panel. To maintain a consistent glow, it is recommended to clean the solar panel every 3 months. Clean with water and non-abrasive cleaners such as dishwashing liquid.

2. THREE WORKING MODES

Mode 1: Full Brightness: In this mode, the flood light operates at full brightness when it detects the presence of people. The light remains on for approximately 20 seconds after people leave, and then automatically turns off. The infrared sensor is responsible for activating the lights during this mode.

Mode 2: Dimmed Brightness: Similar to Mode 1, this mode activates the flood light at full brightness upon detecting people. However, after people leave, the brightness level reduces to 15% while remaining on for about 20 seconds. The infrared sensor controls the light's behaviour during this mode.

Mode 3: Constant Light Mode: In this mode, the flood light operates with a constant normal brightness level automatically when it becomes dark. There is no presence detection using a PIR (Passive Infrared) sensor in this mode.

Mode 1
The infrared sensor mode turns on the lights and the lights are fully on. Turn off the lights after the induction lasts for 20s.
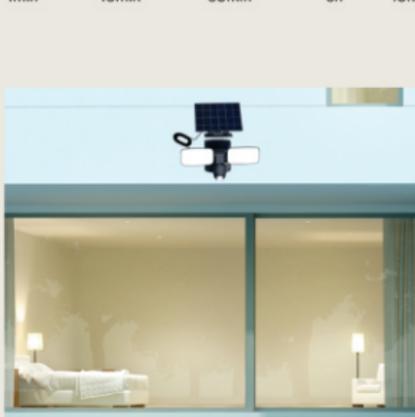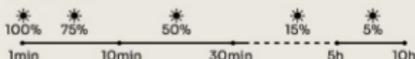
Mode 3
100% 75% 50% 15% 5%
1min 10min 30min 5h 10h

Mode 2
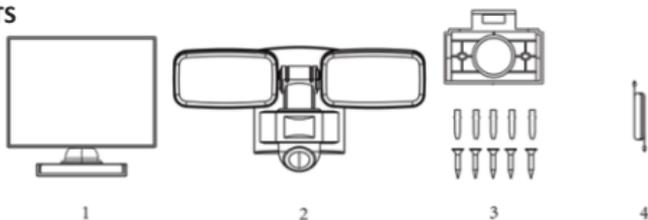The infrared sensor mode is on, the lights are fully bright, and the brightness will be 15% after 20s.

3. PACKAGE CONTENTS

1. Solar panel
2. Light
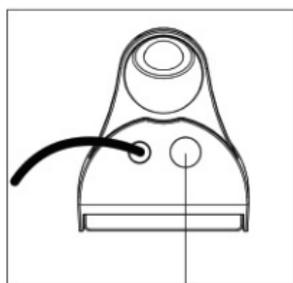3. Mount Accessory
4. Connecting Line

4. INSTALLATION

Your solar flood light is designed for easy installation and comes pre-assembled for your convenience. Follow these steps to set it up:

4.1. Mounting the Light and Solar Panel:

a. Select a suitable location on the wall to install the light (refer to FIG 2).
b. Connect the connecting line to the light.
c. Find a spot with abundant sunlight exposure to install the solar panel. It should receive 6-8 hours of direct sunlight daily for optimal performance.

4.2. Powering On/Off and Selecting Modes:

a. Locate the switch on the bottom of the product (refer to FIG 1).
b. Press and hold the switch for 2 seconds to turn on the light. By default, it starts in mode 1.
c. To switch between modes, press the switch once. Each press will cycle through modes 1, 2, and 3.
d. If you forget the current mode, press and hold the switch for 2 seconds to turn off the light. Then turn it on again to re-select the desired mode.
e. To turn off the light, hold the switch for 2 seconds.
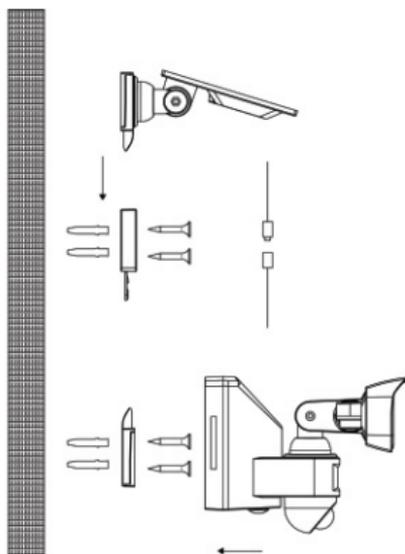
Switch Mode Selector

FIG 1

FIG 2

5. PRODUCT PARAMETERS

Function	Range
Lumen Efficiency	100Lm/W
LED Lumen	1000Lm
LED Type	SMD2835
Battery Capacity	3.7V, 3600mAh
Battery Type	Li-ion
Battery Working Time	12 Hours
Beam Angle	120°
IP Grade	IP54
Colour Temperature	6000K
Solar Panel Power	3W, 6V
Installation Height	1.8m to 3m
Material:	
Floodlight	ABS+PC Housing
Solar Panel	Monocrystalline
Dimensions:	
Floodlight	279 x 141 x 137mm
Solar Panel	160 x 120 x5mm
Approvals	C-Tick
Warranty	2 Years - Limited

6. CORRECT DISPOSAL OF THIS PRODUCT

(Waste Electrical & Electronic Equipment)

The presence of this symbol on the product or its accompanying literature indicates that it should not be discarded with regular household waste at the end of its lifespan. To avoid potential environmental and human health risks associated with unregulated waste disposal, please ensure the proper separation and responsible recycling of this product, thereby promoting sustainable reuse of valuable materials. Household users are advised to reach out to the retailer where the product was purchased or contact their local government office for information on designated recycling facilities that can handle this item in an environmentally safe manner.

Business users should consult their supplier and review the terms and conditions of the purchase contract to determine the appropriate disposal methods for this product. Mixing it with other commercial waste for disposal is not recommended. By following the correct disposal procedures, we can collectively contribute to safeguarding the environment and conserving valuable resources.