HIGHLIGHT SP-SBL
Installation Manual

Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lightning

We designs and install solar-powered lightning systems tailored for all kind of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and providing significant energy and cost saving.

Warranty

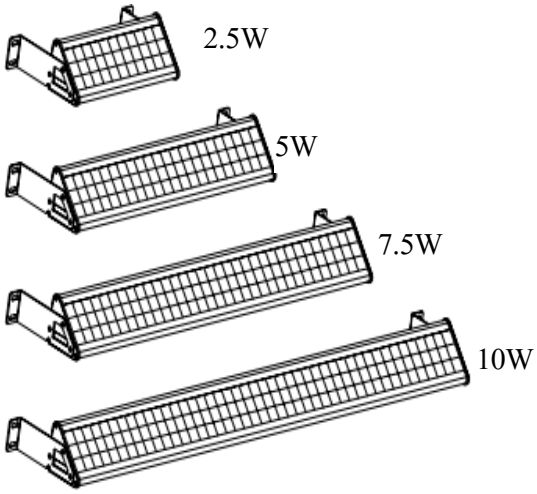
SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.

HIGHLIGHT SP-SBL

Installation instructions

1. PACKAGE CONTENTS

1) Solar Panel and Battery box with LED array — 1 piece
2) Wall brackets — 2 pieces
3) Instruction sheet — 1 piece



2. APPLICATIONS

- Sculpture/Memorial
- Billboard/sign
- Pathway
- Sign boards
- Wall washer
- Garden feature
- Commercial product

3. FEATURES

- Easy installation- no electrical wiring required with integrated design.
- Turns on automatically at night and off during the day.
- The lights include an On/Off switch and built in battery.
- Battery can support 2-3 nights with cloudy days.
- When the battery is full charged in sunlight, the lights will operate up to 3 nights.
- Intelligent power saving mode increases lighting x 1.5 times.
- IP65 water and dust resistance.

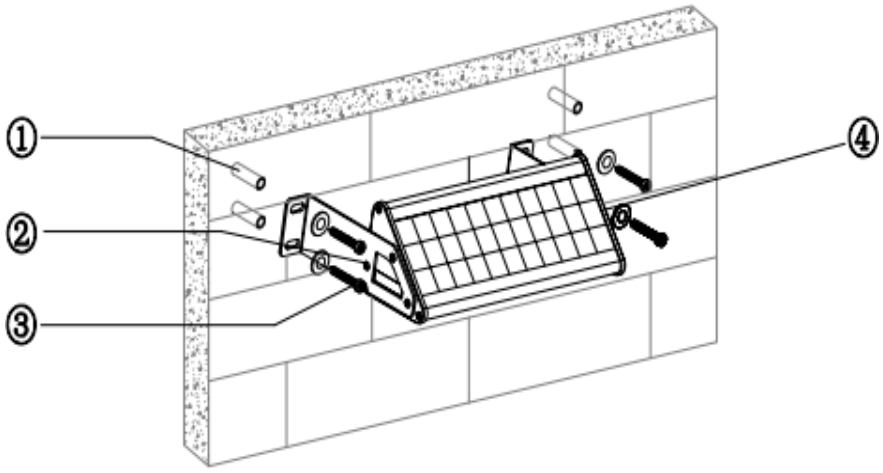
4. HOW THE SOLAR PANEL WORKS

During the day, the solar panel converts sunlight into electricity to charge the battery. At night, the lights turn ON automatically using the electricity stored in the battery. The performance of the solar lights is dependent on the location of the solar panel and/ or weather conditions. Install the solar panel in a sunny position ensuring it receives 6-8 hours sunlight each day. Reduced sunlight will reduce continuous working hours at night.

Please note: during continuous wet & overcast days, lighting time may be reduced as the battery will not be fully charged. The lights may stop working during longer rainy periods of more than 5 days & will return to normal function when the sun returns. After an extended period of poor weather restore the battery power by turning the unit off and, fully charge the battery for 8 hours in full sunlight.

5. INSTALL INSTRUCTIONS

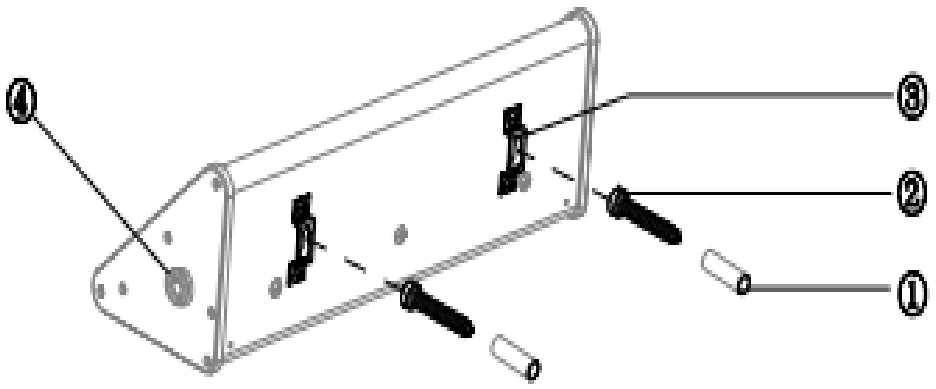
Installation with Brackets



1. Using the brackets as a template, mark out and drill the mounting holes for the bracket. Insert the wall anchors provided.
2. Fix the two brackets onto the sides of the light. Use the existing screws in the bracket fixing location by removing the screws and reinstating them with the brackets in place.
3. Install the brackets into the predrilled wall holes making sure to use the washers. Tighten the screws and check the unit is square and straight.
4. Turn on the main power button to activate the LED display under the solar panel.

6. Installation Direct Fixed to the wall

(Model-2.5W and Model-5W only)



1. Mark out and drill the mounting holes to correspond with the mounting locations on the light. Insert
2. Insert the screws into the wall anchors and tighten.
3. Directly hang the unit onto the screws, ensuring the unit is square and straight.
4. Turn on the main power button to activate the LED display under the solar panel. The wall anchors provided.
5. Turn on the main power button to activate the LED display under the solar panel.

Notes:

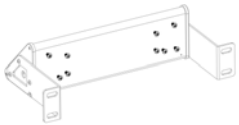
1. All screws and bolts must be tightened firmly.
2. Only press the main power button once. The light will operate automatically at night.
3. Please charge the product for 6-8h before use.

7. NOTE:

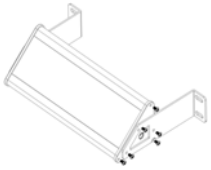
1. The solar light will automatically turn off when it detects low voltage from the battery. This may happen after 3-4 cloudy days. For best charging performance, please place light in direct sunlight.
2. To test the light during daylight hours, fully cover the solar panel and press the main power button.

Note: This product uses a series of 3.7V, 2200mAh rechargeable lithium battery

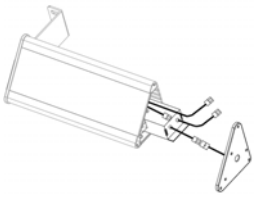
Battery replacement



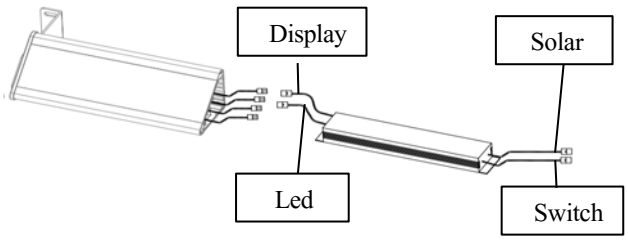
Step 1: Loosen rear facing screws on main frame, ensure the battery box is loose (free) to move.



Step 2: This step is very important, be sure to disassemble (unscrew) the mounting bracket and end cap on the button side of the light fitting.



Step 3: After open the end cap at the button side, removing the quick connection cable clamps smoothly to avoid damaging the wire.Disconnect the wires marked (Solar/switch/LED/display) and gently slide out the battery pack.

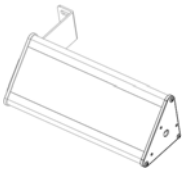


Step 4:

A. Ensure replacement battery compartment is inserted in the correct direction:

1. Cables marked (display/LED) insert towards LED display.
2. Cables marked with (solar/switch) extend towards ON/OFF button side.

A. Reconnect the cables marked(display/LED/Solar/Switch) respectively, then slide over connector isolation covers (clear silicon covers). Slide the battery back into the SSL fixture.

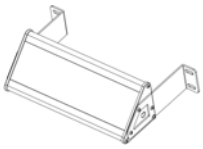


Step 5:

A. Replace button end capto light fitting then tighten screws firmly. Note: Do not over tighten as aluminum threads will strip.

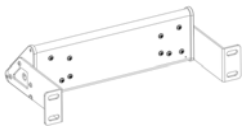
B. To reset and test push in the ON/OFFbutton and ensure all the solar panel is covered to prevent UV light reaching the surface. The light will turn ON automatically.

Note: Leaving the ON/OFF button engaged and covering the solar panel will cause the SSL fixture to turn ON automatically. When the solar panel is uncovered and expose it to light the LED's will immediately turn OFF and battery will begin to charge. Performing this test will determine if the battery replacement was successful. If the above does not occur then installation steps must be repeated, double checking connectors are in correct order.



step 6:

Line up all screws on the back of the light fitting, then tighten. This is best done before re-fitting the end cap, as the battery compartment can be maneuvered to help line up back screws.



step 7:

Check all seals and fitting are in place, then re-install button end cap and mounting brackets, tighten screws firmly. (do not cross thread screws. All screws should be done up by fingers before using a screwdriver to finish.

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