

Catalog #		Comments
Project		
Prepared by		
Date		

APPLICATIONS:

- Sculpture/Memorial
- Billboard/Sign
- Pathway
- Sign Boards
- Wall Washer
- Garden Feature
- Commercial Product

PACKAGE CONTENTS:

- 1) Solar Panel and Battery Box with LED array (1 piece)
- 2) Wall Brackets (2 pieces)
- 3) Instruction Sheet (1 piece)



MANUAL FOR BROADWAY BILLBOARD LIGHTS

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLATION TO ENSURE OPTIMUM RESULTS AND LONGEVITY OF YOUR LIGHTS.
 THE SOLAR PANEL SHOULD BE CHARGED IN FULL SUNLIGHT FOR 6 TO 8 HOURS BEFORE INITIAL FIRST USE TO PROVIDE OPTIMUM RESULTS.

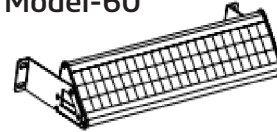
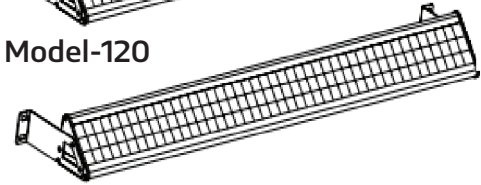
FEATURES

- Easy Installation- No electrical wiring is required with its 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 x1.5 times
- IP65 water and dust resistance

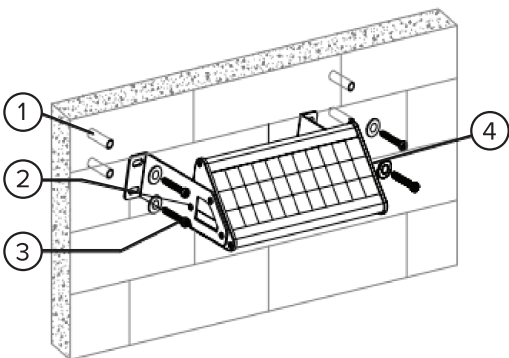
HOW THE SOLAR PANEL WORKS

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 location to ensure it receives 6-8 hours of sunlight each day. Reduced sunlight will reduce continuous working hours at night.

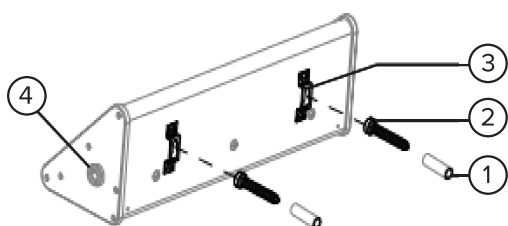
Please note: During continuous wet & overcast days, lighting time may be reduced as the batter will not be fully charged. The lights may stop working during longer rainy periods of more than 5 days & will return to normal function when the sun returns. After an extended period of poor weather, restore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

Model-60

Model-120

BATTERY WARNING:

Do not dispose batteries in regular household waste. Do not get the batteries wet, hot, or in contact with flames. Dispose of batteries at your local recycle center. Do not expose to flames or other corrosive material. Follow aviation safety guidelines where applicable.

PRODUCT PARAMETERS
Installation with Wall 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.

Installation Direct Fixed to the Wall (Model-60 only)


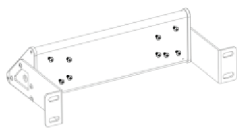
- 1) Mark out and drill the mounting holes to correspond with the mounting locations on the light. Insert the wall anchors provided.
- 2) Insert the screws into the wall anchors and tighten.
- 3) Directly hang the unit onto the screws, ensuring the unit is square and straight.
- 4) Turn on the main power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

BATTERY WARNING:

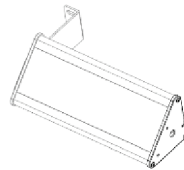
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	Model-60	Model-120
Solar Panel Power	5.5V 8W	5.5V 17W
Battery	3.7V 17.6Ah	3.7V 35.2Ah
LED Power	10W	20W
Charging Time	8-10 Hours(1000W/m ²)	
LED Color	3000K/4000K/6000K	
LED Life Time	>50000 Hours	
Product Size	23.6x3.8x3.8in	47x3.8x3.8in
Beam Angle	120 Degrees	
Material	Aluminum Alloy+PC	
Controller	Sunshine Control Automatic	
Work Mode	4 Hours of full brightness+25% brightness dim till dawn	

BATTERY REPLACEMENT



STEP 1: Loosen rear facing screws on main frame, ensure the battery box is loose and able to move.

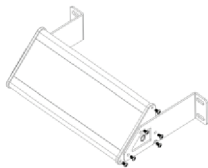


STEP 5:

a. Replace the button end cap to the light fitting then tighten screws firmly.

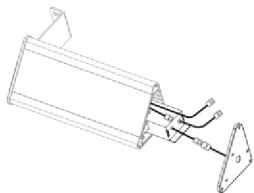
NOTE: Do not over tighten as aluminum threads will strip.

b. To reset and test, push in the ON/OFF button and ensure all the solar panel are covered to prevent UV light reaching the surface. The light will turn ON automatically.

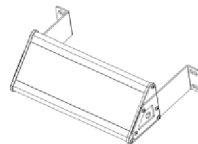


STEP 2: This step is very important, be sure to disassemble (unscrew) the mounting bracket and end cap on the BUTTON SIDE of the light fitting.

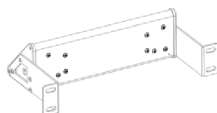
NOTE: Leaving the ON/OFF button engaged and covering the solar panel will cause the SSL fixture to turn ON automatically. When the solar panel is uncovered and exposed to light, the LED's will immediately turn OFF and battery will begin to charge. Performing this test will determine if the battery's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



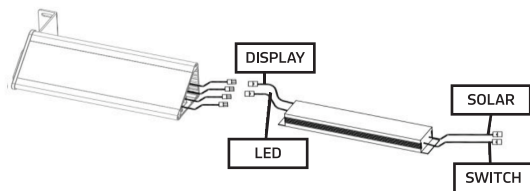
STEP 3: After opening the end cap at the button side, remove the quick connection cable clamps smoothly to avoid damaging the wire. Disconnect the wires marked (Solar/Switch/LED/ Display) and gently slide out the battery pack.



STEP 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 the back screws.



STEP 7: Check that 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 placed in with your hands before using a screwdriver to finish.



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

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

NOTE:

- 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.
- To test the light during daylight hours, fully cover the solar panel and press the main power button.