

Pre-Installation

PLANNING INSTALLATION

Before installing the light fixture, ensure that all parts are present. Compare parts with the *Hardware Included* and *Package Contents* sections. If any part is missing or damaged, do not attempt to assemble, install, or operate this light fixture.

Estimated installation time: 30 minutes

INITIAL BATTERY CHARGE

IMPORTANT: The solar panel requires full, direct sunlight to charge the battery. Clouds, rain, snow, and other weather conditions may not allow the solar panel to completely recharge the battery. Other obstructions such as buildings or trees may block the sun as well.

When installing the solar panel, make sure it is aimed as described below with a minimum amount of obstructions. If possible, mount the panel facing toward the southern sky.

- ❑ *PRIOR TO USE, the battery will require 3 to 7 days of full sun to completely charge with the control dial in the OFF position or at least 10 hours of charging using the 5V2A USB charger.*

MOUNTING LOCATION

The most important thing to remember for the operation of your solar powered motion sensing light is that it works from the power received from direct sunlight. The more direct sunlight the solar panel receives in a day, the longer the light will operate.

SOLAR LIGHT FIXTURE

The main unit contains the LEDs, motion sensor, and battery. When deciding where to mount this unit, keep in mind that the motion sensor that activates the light has a “field of vision” of 40 feet (12 meters) in front of the light and about 180° detection angle at a surrounding air temperature of 77° F (25 °C).

SOLAR PANEL

The solar panel converts the sun’s energy into electricity, thus charging the battery stored in the solar light fixture. The solar panel requires direct sunlight falling onto the face of the solar panel for as long as possible over the course of the day.

When choosing the location for the solar panel, make sure it is aimed toward the south and is tilted to a suitable angle to allow as much direct sunlight to fall upon it as possible. Make sure there is a minimum amount of obstructions between the solar panel and the sun.

Also, make sure your solar panel location is not too far away from the solar light fixture for the wires to reach and connect.

Pre-Installation (continued)

SPECIFICATIONS

Range	Up to 40 ft. (12 m) (Varies with surrounding temperature)
Sensing angle	Up to 180°
Lumens	Solar Power: 2100 LM
LED color temperature	5000K (bright white)
Power requirements	6000mAh, 3.7V Li-Ion Rechargeable Battery (pre-installed, non-replaceable)
Operating modes	Off, Test, Auto
Time delay	5 seconds to 1 minute

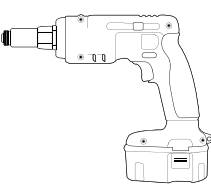
TOOLS REQUIRED



Phillips
screwdriver



1/8 in. Flathead
screwdriver



Drill



Drill bits (3/32 in.
and 7/32 in.)



Ladder



Safety goggles



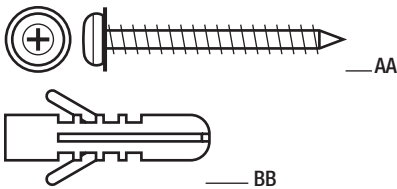
Level

Pre-Installation (continued)

HARDWARE INCLUDED

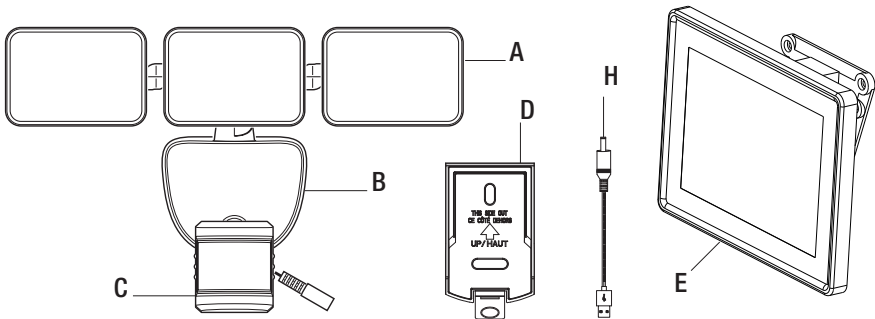


NOTE: Hardware shown to actual size.



Part	Description	Quantity
AA	Mounting screw	6
BB	Wall anchor	6

PACKAGE CONTENTS



Part	Description	Quantity
A	Lamp heads	3
B	Light fixture	1
C	Motion sensor	1
D	Mounting plate	1
E	Solar panel	1
H	USB charging cable	1

Installation

1 Determining the mounting location

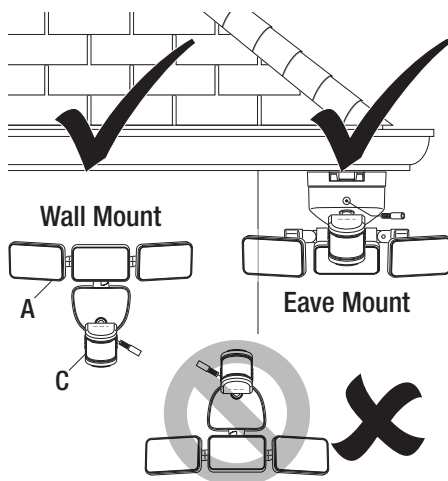


NOTE: The light fixture should be mounted approximately 8 ft. (2.4 m) above the ground. If the light fixture is mounted higher than recommended, aiming the sensor down will reduce the coverage area.



NOTE: Ensure the fixture and the solar panel are located close enough together for the cord to reach.

- Determine the mounting location – wall or eave mount.
- Position the lamp heads (A) in the general direction of the desired light coverage.
- If needed, rotate the motion sensor (C) so the controls face the ground after installation.



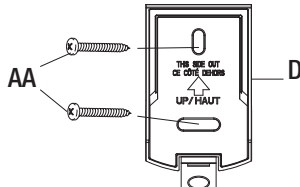
2 Installing the mounting plate



NOTE: Make sure there is enough vertical space above the mounting plate to allow the light fixture to be mounted.

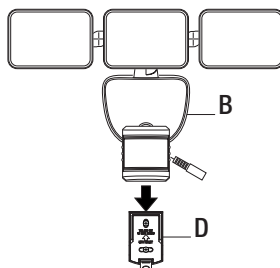
- Place the mounting plate (D) against the mounting surface and ensure the mounting plate (D) is level. Mark the hole locations.
- If mounting to a wooden surface, drill two 3/32 in. holes into the mounting surface. Install the two mounting screws (AA) through the mounting plate (D) and into the mounting surface.

- If mounting to wall board or brick, drill two 7/32 in. holes into the mounting surface. Insert the wall anchors (BB) and attach the mounting plate (D) using the two mounting screws (AA).



3 Mounting the light fixture

- Slide the rear of the light fixture (B) down onto the mounting plate (D) until it snaps into place.

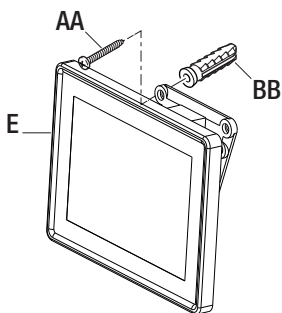


4 Mounting the solar panel

IMPORTANT: Caulk around the base and on top of the screw heads after installation.

- Place the solar panel (E) against the mounting surface and mark the mounting holes.
- If mounting to a wooden surface, drill two 3/32 in. holes into the mounting surface. Install the two mounting screws (AA) through the base and into the mounting surface.

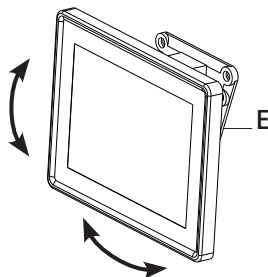
- If mounting to wall board or brick, drill two 7/32 in. holes into the mounting surface. Insert the wall anchors (BB) and attach the base using the two mounting screws (AA).



5 Adjusting the solar panel

- Rotate the solar panel (E) to the desired angle.

IMPORTANT: The solar panel must receive as much direct sunlight over the course of the day as possible. Keep in mind that shadows may block the sunlight from reaching the solar panel during the day.



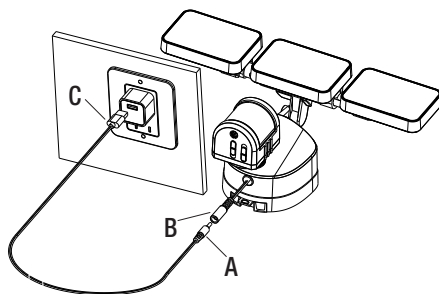
6 Preparing the light fixture for initial charge before installation



NOTE: The solar fixture initial charge has two options to charge the light fixture to full battery capacity during set up. To reduce initial solar charge time method 6A can be used and the light fixture installed outdoors. Method 6B can be chosen to charge the light fixture while the light fixture is set up outdoors immediately.

6A Connecting the USB cable to the light fixture for initial charge

- A USB cable has been included for rapid charge of the solar fixture before installation.
- Take the USB cable and plug the end (A) into the light fixture charging port (B).
- Place a power block (not included) onto the USB cord half (C) and plug this into the standard wall socket.
- Allow to charge for at least 10 hours
- After 10 hours, remove the USB cable from the fixture and plug the light fixture into the solar panel cord. Light fixture is now ready for installation and use.
- **USB cable is not for outdoor use**



6B Connecting the solar panel to the light fixture for initial charge

- Carefully route the solar panel cable (1) to the light fixture (B). Insert the end of the solar panel cable (1) into the light fixture cable (2).
- Leave enough loose cable to form a drip loop (3).
- Set Solar Fixture to OFF position until fixture has been fully charged in a 2 to 5 day period depending on amount of sun per day



NOTE: Wrap any excess solar panel cable around the arm located behind the solar panel. Leave enough loose cable to form a drip loop (3).

