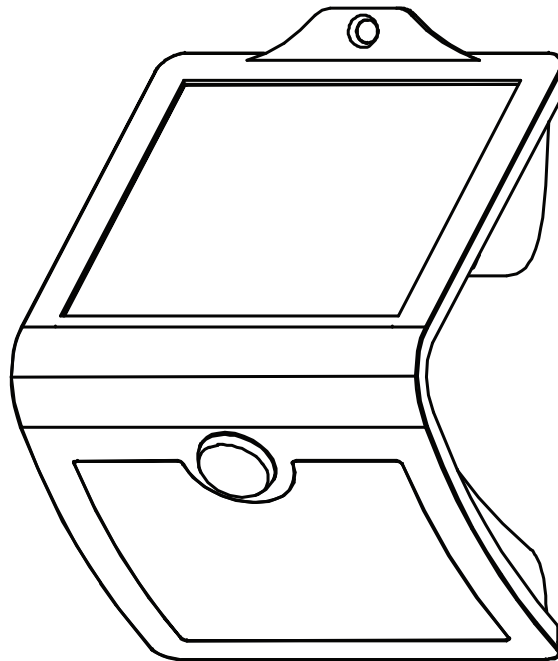


# V-SHAPE DUSK TO DAWN SOLAR FLOOD LIGHT

---

## IMPORTANT SAFETY INSTRUCTIONS AND INSTALLATION GUIDE



**READ BEFORE INSTALLATION**  
SAVE THESE INSTRUCTIONS



# Table of Contents

Table of Contents	2
Safety Information	2
Warranty	2
Pre-Installation	3
Tools Required	3
Hardware Included	3
Wall Mount Installation	4
Light Operation Settings	5
Battery Replacement	5
Storage Tips	6
Trouble Shooting	6

## Safety Information

### HOW SOLAR LIGHTS WORK

Solar light has a solar panel that converts sunlight into electricity. During the day, the electricity converted by the solar panel is stored in the rechargeable battery. At night, the solar light is powered by the battery using the electricity stored during the day. The operating time depends on geographical location, daily weather conditions and season.

### CHOOSING THE RIGHT LOCATION

Select a location with full, direct sunlight. Do not install in shady areas as these areas will not allow the battery to be fully charged and will reduce nighttime working hours. Be sure that the selected location is not close to other nighttime light sources such as streetlights or porch lights. These light sources may keep the solar lights from turning on automatically.



**CAUTION:** Contains one 18650 rechargeable lithium-Ion battery. Risk of fire, explosion, or burns. Do not disassemble. Do not crush or damage the batteries. Do not heat or incinerate. Do not open or disassemble. Do not make modifications to this product.



**WARNING:** Dispose of used battery promptly according to local recycling or waste regulations. Keep battery out of reach of children and its original package until ready to use. Clean battery contacts and device contacts prior to installing new battery. Ensure that the battery is installed correctly with regard to polarity (+ and -).

### DUSK TO DAWN OPERATION

The light will automatically turn on at dusk and remain on through the night for 6 hours. The light will remain off throughout the day, until dusk.

**NOTE:** To make sure this function works properly, always have the switch in the 'ON' position (including daytime).

## FCC STATEMENT

**Supplier's Declaration of Conformity:**  
47 CFR § 2.1077 Compliance Information  
**Responsible Party:** Feit Electric Company  
4901 Gregg Road, Pico Rivera, CA 90660, USA  
www.feit.com  
**Unique Identifier:** SV6/500/SOL/BLK

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

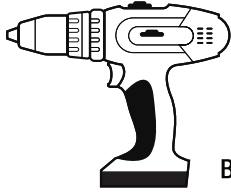
## Limited Warranty

This product is warranted to be free from defects in workmanship and materials for up to two years from date of purchase. If the product fails within the warranty period, please contact Feit Electric at info@feit.com, visit feit.com/contact-us for instructions on replacement or refund. Replacement or refund is your sole remedy. Except to the extent prohibited by applicable law, any implied warranties are limited in duration to the duration of this warranty. Liability for incidental or consequential damages is hereby expressly excluded. Some states and provinces do not allow the exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

## TOOLS REQUIRED (NOT INCLUDED)



Phillips  
Screwdriver



Battery Powered Drill

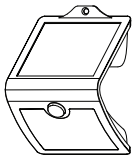


1/4 in. Drill Bit

## HARDWARE INCLUDED



**NOTE:** Hardware not shown to actual size.



AA



BB

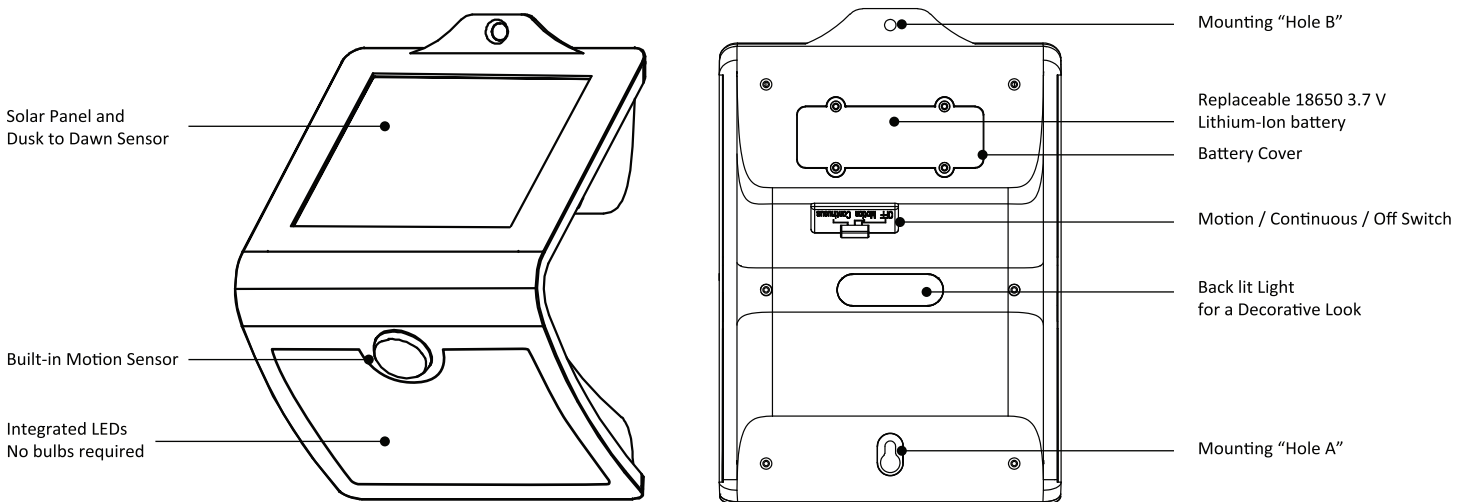


CC



DD

Part	Description	Quantity
AA	Solar Flood Light	1
BB	Fixture Mounting Screws	2
CC	Screw Anchors	2
DD	Mounting Template	1



# Wall Mount Installation (Optional)

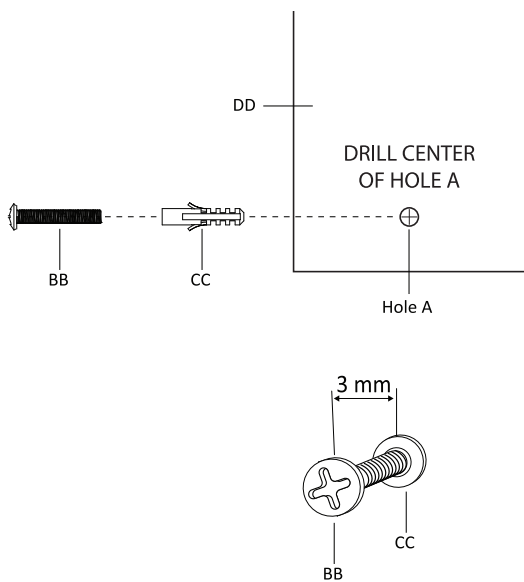
Select a location with full direct sunlight. Turn Off and charge for two full days before first use.

## 1 Identifying a mounting location

- Use the included mounting template to mark the position.

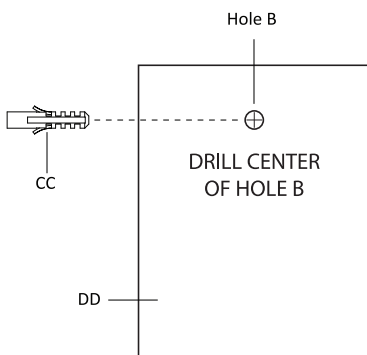
## 2 Inserting a Screw Anchor in Hole A

- Using the mounting template (DD), drill a hole in the wall for "Hole A" using a 6 mm drill bit.
- Push in the screw anchor (CC) in "Hole A".
- Screw in a fixture mounting screw (BB) in the screw anchor (CC). Leave a gap of 0.1 in. (3 mm) between the screw head and the mounting surface.



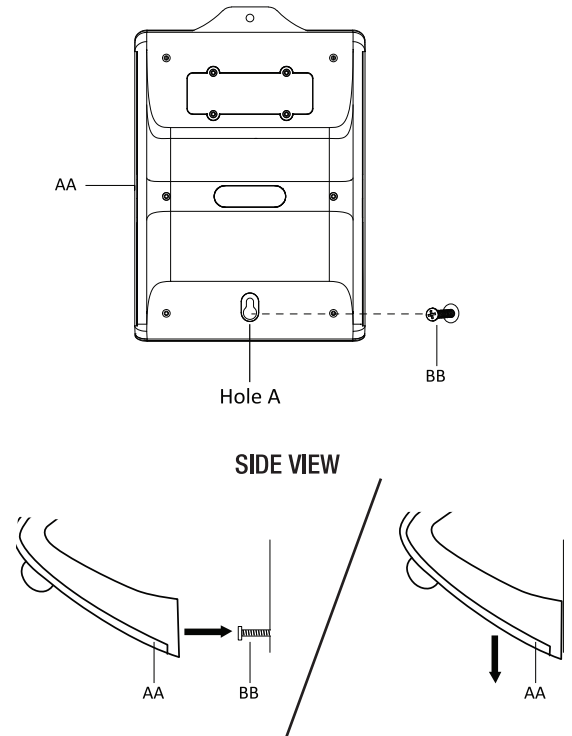
## 3 Inserting a Screw Anchor in Hole B

- Using the mounting template (DD), drill a hole in the wall for "Hole B" using a 6 mm drill bit.
- Push in the screw anchor (CC) in "Hole B".



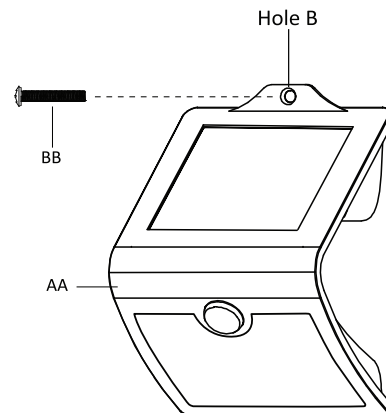
## 4 Mounting Hole A

- Insert the fixture mounting screw (BB) into "Hole A" on the back of the solar flood light (AA).
- Slide the solar flood light (AA) down to lock in place.

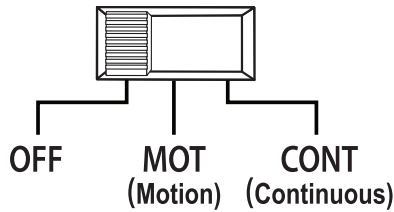


## 5 Mounting Hole B

- Align "Hole B" on top of the solar flood light (AA) to "Hole B" on the wall.
- Insert the fixture mounting screw (BB) through "Hole B" on top of the solar flood light (AA) and screw into "Hole B" on the wall. Tighten to secure.



# Light Operation Settings:



Switch Location	Mode
<b>OFF</b>	Stays <b>OFF</b> and able to charge regardless of motion detection.

Switch Location	Mode
<b>MOTION</b>	See below chart
<p>The diagram shows a sequence of light states: 100% Brightness (1 minute), Gradually decreasing to 50% (1 minute), 50% Brightness (1 minute), Gradually decreasing to 10% (1 minute), 10% Brightness (1 minute), and 10% Brightness (at least 2 hours).</p>	
<p>Optimal height for motion detection is 8 feet.</p> <p>The diagram shows a light fixture mounted on a wall. A vertical line indicates an optimal height of 8 ft. / 2.5 m. A horizontal line indicates a range of 16 ft. / 4.8 m. A person is shown walking within the light's beam.</p>	

Switch Location	Mode
<b>CONTINUOUS</b>	Light turns On at Dusk and stays on for 6 hours at low light setting.

# Battery Placement

To replace the battery, unscrew the battery cover, remove the old battery and insert a new Lithium-Ion 18650 3.7 V minimum 2000 mAh. Make sure to securely screw the battery cover back in place.



**BATTERY WARNING:** Risk of fire, explosion, and burns. Do not disassemble, crush, heat above 100° C / 212° F or incinerate. REPLACE ONLY WITH one Lithium-Ion 18650 3.7 V minimum 2000 mAh battery. DISPOSE OF USED BATTERY PROMPTLY. KEEP AWAY FROM CHILDREN. DO NOT DISASSEMBLE AND DO NOT DISPOSE OF IN FIRE.

## Storage Tips

To ensure optimal performance, do not store unused Solar Security Light for prolonged periods of time. Storing Solar Security Light in a box or dark room will not allow the light to recharge and this will damage the batteries. If you need to store Solar Security Light for a prolonged period, it must be fully discharged and must be fully charged at least once a month.

## Troubleshooting

PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
The light will not turn on.	The battery is not making contact.	Loosen the battery cover screws, pull out the battery cover and inspect the battery connection. After inspection, reinsert the battery.
	The battery is not fully charged.	Ensure the solar panel is positioned in a location that provides full and direct sunlight. If installed in a shady area, the battery will take a longer time to charge, and may not fully charge, and reduce working hours.
	The panel is near an external light source that is inadvertently triggering the dusk to dawn sensor.	Relocate the panel to an area that does not have any external light sources or remove the external light sources from the panel's proximity.
The lights go out too early.	The battery charge is low.	Allow the batteries to get a full charge by powering off the fixture for 1-2 days. Or relocate the fixture to an area with direct sunlight. Check panel for dirt, damage, or light obstruction.