

CLEANING AND STORAGE

Make sure to regularly wipe down the solar panel with a damp cloth for best charging results. Clean solar panel will be able to absorb more sun energy.

When storing Bionic Spotlight Pro, make sure the unit is turned off.

TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
Light does not go on.	Not enough charge.	Make sure unit is installed where it can get maximum sun exposure for 5-6 hours.
	Unit is turned off.	Press the ON/OFF button to turn the unit on.
	Unit is located near a strong light source.	Make sure unit is installed away from any strong light sources, such as an existing outdoor light.
	Unit is placed under trees.	Move the spotlight to another open location.
	Solar panel is dirty, or covered up.	Wipe the solar panel clean and make sure it is always free of debris.

SPECIFICATIONS

LED: 46 pcs white SMD LEDs

+ 6 pcs red LEDs

Battery: 1 x 1200mAh

18650 Lithium battery

Solar Panel: 5V/ 200mA

Brightness: 500 lumens

Charging time: 6-7 hours

Sensor Detection Distance: 19.6 - 29.5 feet

Sensor Time: 30 seconds

IPX Rating: IP65

Product size: 2.8 x 3.35 x 5.9 inches / 0.68lbs



This product uses a Lithium battery. When it can no longer be used, it should be removed from the unit and recycled. The battery must not be incinerated or composted. The battery can be taken for disposal to any local retailer participating in the national recycling program sponsored by the RBRC (SEE RBRC seal). Call your local details, or the RBRC hotline at 1-800-820-8837 for the closest recycling center to you.



emsoninc.com
1.800.423.4248

BELL+HOWELL® BIONIC SPOTLIGHT PRO ITEM NO. 2975ENG

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Outdoor
Use



Solar
Panel



Lithium
Battery



Motion
Activated



Weather
Resistant

Fully
Adjustable

Easily Mounts
To Walls

Ground Stake
Included

Brightens Up
Dark Areas

BELL+HOWELL® BIONIC SPOTLIGHT PRO

SOLAR POWERED

500
LUMENS

NO BATTERIES / NO WIRES



Energy
SAVER



INSTRUCTIONS

! IMPORTANT

- This product includes a lithium-ion battery that cannot be replaced. Once the battery reaches the end of its life, the entire product must be discarded and replaced.
- **WARNING:** Do not dispose of lithium-ion batteries in the trash or by fire as batteries may leak or explode. Do not open, short circuit, or damage lithium-ion batteries as injury may occur. Recycle lithium-ion batteries in accordance with local, state, and federal regulations.

PARTS & FEATURES

1. Solar Panel
2. Swivel Arm
3. Mounting Plate
4. LED Lights
5. PIR Motion sensor
6. Scanning Red LED
7. ON/OFF Button
8. Ground spike
9. Stake

- Package includes:
- 3 plastic anchors
 - Bionic Spotlight Pro
 - 3 screws
 - 1 ground spike
 - 1 stake



INSTALLATION

PLEASE READ THIS MANUAL CAREFULLY BEFORE USE AND KEEP IT FOR FUTURE USE.

- When picking a place to install your Bionic Spotlight Pro, **CHOOSE A LOCATION WITH MAXIMUM SUN EXPOSURE DURING THE DAY.**
- Do not use the spotlight to force the stake into the ground. First, insert the stake into the ground and then place spotlight over the stake.
- Avoid areas under trees or bushes as this will prevent a proper charge of the Bionic Spotlight Pro.
- Do not install Bionic Spotlight Pro near an existing outdoor light. The built-in sensor will prevent it from turning the solar lights on.
- When using the Bionic Spotlight Pro in the fall and winter, please note that due to fewer daylight hours, the batteries might not charge fully. This may affect the amount of time the Bionic Spotlight Pro will be on.

MOUNTING SPOTLIGHT

- 1 Remove the Mounting Plate from the spotlight by twisting the dial counterclockwise.
- 2 Choose a location with maximum sun exposure. Drill holes matching the pattern on the Mounting Plate and install plastic anchors (included). Attach the Mounting Plate using 3 screws (included).
- 3 Align the arm of the spotlight with the opening on the Mounting Plate. Twist the dial clockwise to tighten and secure it.

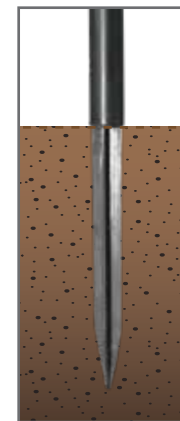
FOR IN-GROUND INSTALLATION



Make sure that the Mounting Plate is attached to the swivel arm of the unit.



- 1 Insert ground spike into the stake.



- 2 Make sure the soil is softened. Insert stake into the ground.



- 3 Insert spotlight over the stake.

USAGE

Make sure to leave the unit under direct sunlight for solar charging at least 5 hours. UNIT NEEDS TO BE FULLY CHARGED BEFORE INITIAL USE. If there isn't ample sunlight, it may take longer for the batteries to charge.

1. Press the ON/OFF button. If done during daytime, the light will not turn on until it gets dark.
2. The Bionic Spotlight Pro has a built in Scanning Red LED. The red light on the front of the unit will turn on automatically when it becomes dark indicating entering the Motion sensor mode.
3. When the Bionic Spotlight Pro detects motion, the Scanning Red LED light will turn off and the white LED lights will turn on and stay on for 30 seconds. The lights will go off if no motion has been detected.
4. Scanning Red LED light will turn back on. When the movement is detected, the white LED light will turn back on.
5. The Bionic Spotlight Pro will turn off during the day or if unit runs out of battery.
6. To turn the light off, press the ON/OFF button.



ON/OFF BUTTON IS LOCATED ON THE BOTTOM OF THE UNIT