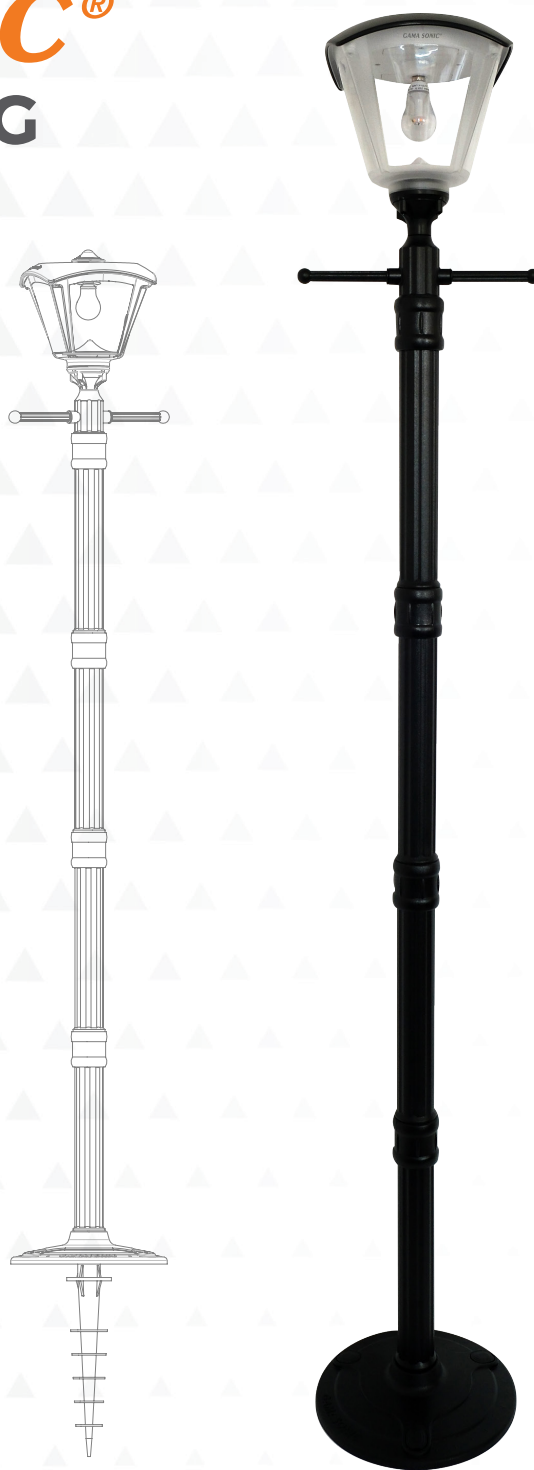


GAMA SONIC®

SOLAR LIGHTING



HAVEN SOLAR LAMP POST WITH EZ-ANCHOR BASE

Part #: 205B50071, 205B50271

US Patent #9458970, 7172307

Version 1.1

 Please read the instruction manual carefully to obtain the best results from your purchase.

Thank you for your purchase! GAMA SONIC® solar charged lights are brighter and last all night with a typical solar charge. Unique design, superior light output and numerous installation options confirm the outstanding value of our product. GAMA SONIC® has been recognized as a worldwide leader in the lighting industry for over 20 years.

Technical Assistance/Warranty Claims/Replacement Parts
Toll Free Number: +1-800-835-4113 (only within the US) or www.gamasonic.com

Visit our website or download the latest version of your instruction manual:
www.gamasonic.com



Gama Sonic's Bulb Technology

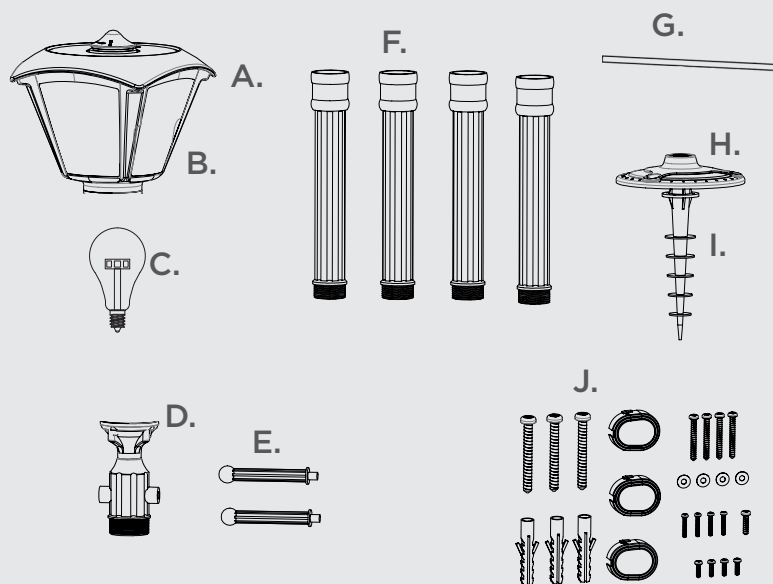
Gama Sonic's patented Bulb technology gives your solar lamp the look and feel of a traditional incandescent lamp. This helps to distribute light further than traditional solar lamps.

Solar Lamp Location

For optimum light duration throughout the night, it is very important to mount your solar lamp in a spot where it will receive the maximum amount of direct sunlight throughout the day.

What's In The Box

A = Top	E = (2) Side Handles	H = Base Plate
B = Fixture	F = (4) Poles	I = Anchor
C = Bulb	G = Turning Bar	J = Screws and Caps
D = Fitter		



For best results, the solar light must be charged in the "ON" (High or Low) position for at least 2 days of full direct sunlight.

Assembly Instructions

NOTE: The following steps are for reference only. If unsure how to install with your specific surface, please consult a professional.

1. Remove the top (A) by unscrewing the four screws on the fixture (B).
2. Install the bulb (C) into the top (A) by twisting it clockwise. Be sure to hold the bulb by its base.
3. Follow the operation Instructions to turn the lamp on.
4. Attach the top (A) to the fixture (B) and secure with the four screws

NOTE: Do not over-tighten the screws.

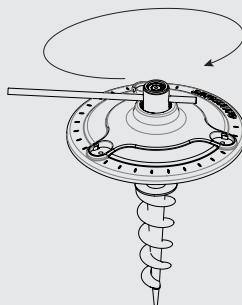
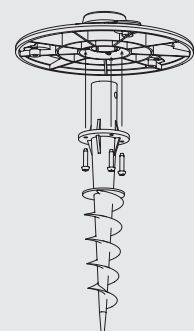
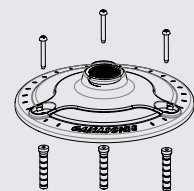
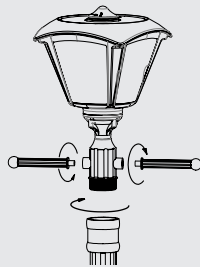
5. Attach and secure the fixture (B) to the fitter (D) by using four screws. Attach the side handles (E) to the fitter (D).
6. Assemble the poles (F) by screwing the four pieces together and attach the pole to the fitter.

Installation on flat surface (Without the Anchor):

- 8.1 Mark three holes using the base plate(H) as a template to your desired location. Use electric drill to make the holes.
- 8.2 Place anchors in holes then secure the base plate(H) with screws. Attach the three decorative caps provided. Assemble and secure the pole to the base plate (H).

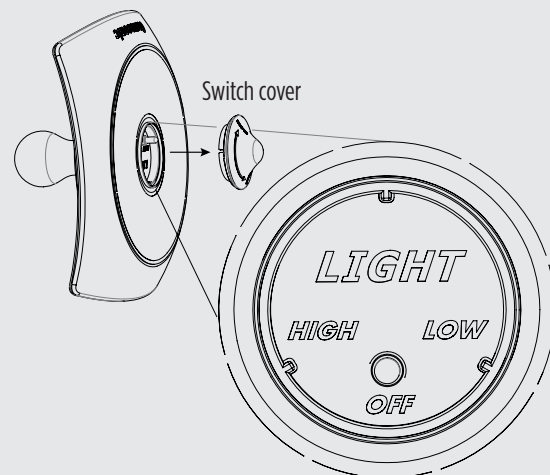
EZ Anchor Installation Instructions:

- 8.3 Attach the anchor (I) to the base plate (H) and secure them together using the four small screws, as shown.
- 8.4 Insert the turning bar (G) in the hole through the anchor stake (H+I) as shown.
- 8.5 Place anchor in desired location and apply downward pressure while turning the turning bar clockwise. Occasionally check the anchor level tool to ensure it's leveled.
- 8.6 Stop turning once base plate (H) is flush with ground. Remove the Turning Bar (F) and secure the pole to the anchor.



Operation Instructions

1. Remove the switch cover (see image below).
2. Turn the switch to the Low or High position according to your preferences:
 - a. Low = Softer light and longer duration
 - b. High = Brighter light output
3. Replace the switch cover back on.
4. The solar Lamp will automatically operate at dusk.



Replacement Parts

Replacement Batteries and Bulbs are available at www.gamasonic.com or via our Toll Free number: +1-800-835-4113.

Your Lamp can use the following bulbs:

D46WW05W – included bulb with Warm White LEDs (2700K)

F30WW05W – Flame bulb with simulated flame LEDs (Optional)

Your lamp uses the following battery and supports a second optional battery to extend runtime:

GS32V15



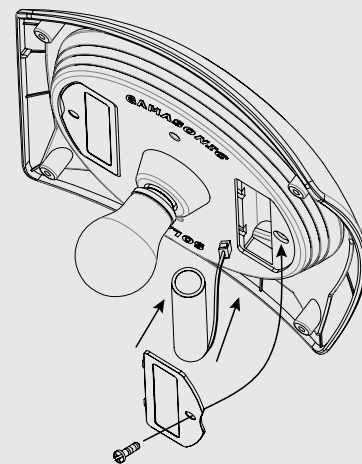
Replacing the Batteries

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SOLAR LIGHTING

After several years of use, the battery may need replacing.

This lamp has a second battery compartment that can accommodate an optional battery. A second battery can be added to increase duration only if your lamp receives more than 4 hours of direct sunlight each day. Follow the below instructions to add a second battery.

1. Remove the two screws securing the top (A) and remove the top (A) from the fixture (B).
2. Move the operation switch to the OFF position and remove the bulb.
3. Remove the screw and battery cover.
4. Unclip the battery connectors and remove the old batteries.
5. Make sure the new battery is a 3.2V/1500mAh Li-Ion battery with matching connector (Item# GS32V15).
6. Clip in the new battery and install it in the compartment.
7. Replace the battery cover and secure it with the screw.
8. Repeat steps 3-7 for the second battery.
9. Reverse steps 1-2 to reassemble your lamp.



Batteries are available for purchase at www.gamasonic.com

MAINTENANCE

Clean the solar panels regularly with a damp towel to guarantee optimum performance. Do not use any type of solvent for cleaning and be careful not to put too much pressure on the solar panels while cleaning.

TROUBLESHOOTING

If your solar light does not come on as expected despite observance of all the instructions, please try the following steps:

1. Make sure that the solar lamp is not being affected by any other light source.
2. Ensure the solar lamp is receives several hours of direct sunlight during the day.
3. Check that the batteries are installed correctly.

NOTE: The performance of the solar lamp will vary with the time of year. It will last longer when it has had a full day in the sun rather than a day in overcast weather.



WINTERTIME TIPS: For optimal performance, be sure to remove any snow or debris accumulation from solar panel(s). A solar panel free of debris will charge the batteries much more efficiently.



WARNING: Please keep out of reach of children. Do not dispose of Li-Ion battery in the regular trash, municipal waste stream or by fire as batteries may leak or explode. Do not open, short circuit, or mutilate batteries as injury may occur. Preserve our environment by recycling Li-Ion batteries or disposing of them in accordance with local, state and federal regulations. Do not mix old and new batteries.