

GAMA SONIC[®]

SOLAR LIGHTING



CARRIAGE SOLAR BARN LIGHT

Part #: 225BM50044

US Patent #9458970

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 New Morph Technology

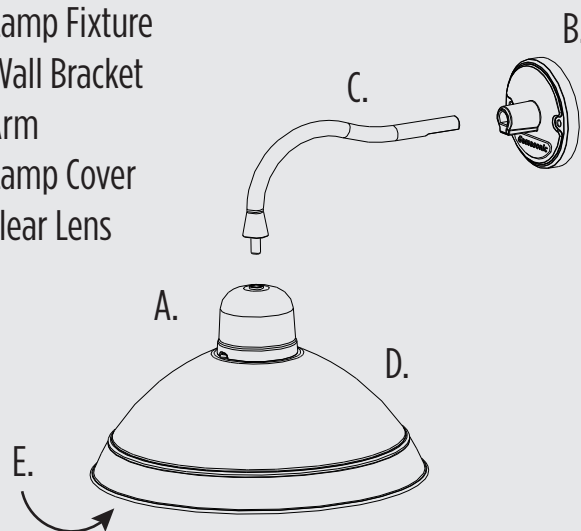
Gama Sonic's NEW Morph Solar Panel Technology is a groundbreaking process in the way we capture more power from the sun. Our Morph technology still uses monocrystalline solar panels. However, instead of the standard limited sized solar panels, our new technology allows the solar panels to MORPH into the light fixture.

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

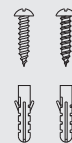
- A = Lamp Fixture
- B = Wall Bracket
- C = Arm
- D = Lamp Cover
- E = Clear Lens



Bulb



Hardware



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.

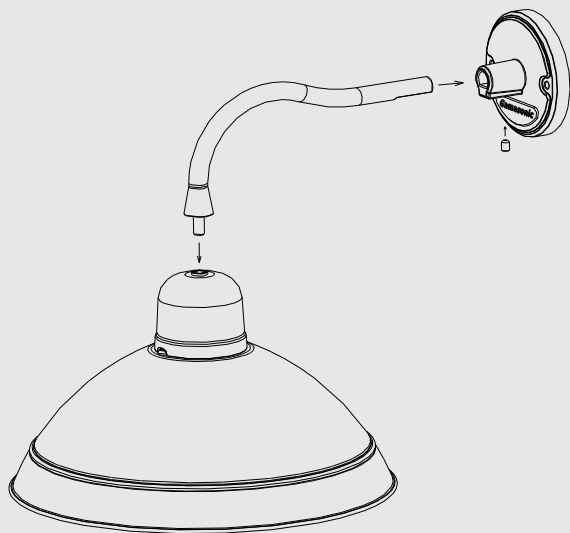
Assembly Instructions

NOTE: The following steps are for reference only. Consult your local hardware store for the best installation method for your surface.

- Using the Wall Bracket (B) as a template and making sure the Gama Sonic logo is parallel to the ground, mark and drill two holes no larger than the anchors.
- Place the anchors in the holes.
- Secure the bracket to the wall using the provided screws.
- Insert the Arm (C) into the Wall Bracket (B) and secure by tightening the set screw with the provided hex wrench.

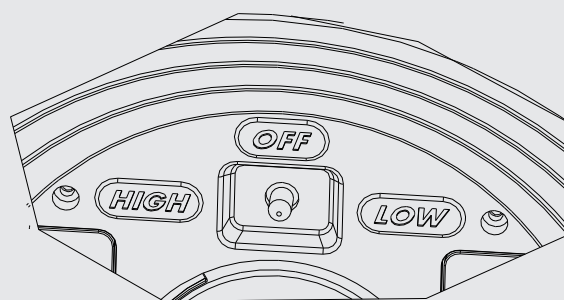
NOTE: Do not overtighten the set screw.

- Place the Lamp Cover (D) over the Lamp Fixture (A) and make sure the notch in the cover (D) sits over the raised part of the fixture (A) where the photosensor is on the lamp.
- Attach the Lamp Fixture (A) to the Arm (C) by twisting the fixture (A) clockwise until it is snug.
- Follow the operation instructions to install the bulb and turn on your lamp.



Operation Instructions (follow these instructions for each lamp head)

- Remove the Clear Lens (E) from the fixture (A) by twisting counterclockwise.
- Install the bulb into the fixture (A) by turning it clockwise.
- Re-install the Clear Lens (E) by lining up the tabs and twisting clockwise until it clicks.
- Switch the lamp to one of the on positions according to your preferences:
 - Low** – Softer light and longer duration
 - High** – Brighter light output
- Your lamp will turn on automatically 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)

C37BW10W – bulb with Bright White LEDs (6000K)

C37WW10W – bulb with Warm White LEDs (6000K)

Your lamp uses two of the following battery:

GS32V15

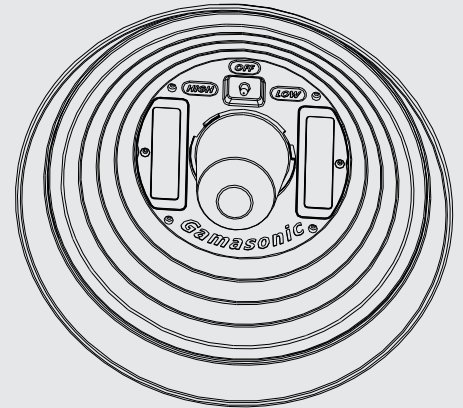


Replacing the Batteries

GAMA SONIC®
SOLAR LIGHTING

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

1. Remove the Lamp Fixture (A) from the Arm (C) by turning the lamp counterclockwise.
2. Switch the lamp to the OFF position.
3. Remove the screw and battery cover from the lamp.
4. Remove and unclip the battery.
5. Make sure the new battery is a high-quality Li-Ion battery with matching connector, Part# GS32V15.
6. Clip in the new battery and secure the battery door with the screw.
7. Repeat steps 3-6 for the second battery compartment.
8. Switch the lamp back to your desired ON setting and secure the fixture (A) back to the Arm (C) by turning the lamp clockwise.



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 not positioned in the shade 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.