

# GAMA SONIC®

## SOLAR LIGHTING



## FLORA BULB SOLAR LAMP

Part #: 113B533

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 full day 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. The company also offers unique multi-purpose rechargeable products that range from party lights to emergency lighting products.

For technical Assistance/Warranty Claims/Replacement Parts  
Toll Free Number: +1-800-835-4113 (only within the US),  
Email: [productsupport@gamasonic.com](mailto:productsupport@gamasonic.com)

visit our website or download the latest version of your instruction manual:  
[www.gamasonic.com](http://www.gamasonic.com) Or [www.gamasonic.com/user-guides](http://www.gamasonic.com/user-guides)

**GAMA SONIC®** Light bulbs are built and designed for Gama Sonic products only. They are not designed to be used in other electrical sockets. For the same reason, regular AC and/or Low Voltage bulbs cannot be used in Gama Sonic products.

**NOTE:** If you are replacing an existing gas/electric wall light, you must consult a certified technician to disconnect the current outlet before installation.

Tools that are needed but not supplied with the solar post lamps are: screw driver, power drill.

## Solar Light Location

For optimum light duration throughout the night, it is very important to place the solar panel in a spot where it will receive the maximum amount of direct sunlight throughout the day. For best results install your solar panel facing the south.

## Operation Instructions

1. Remove part (A) from part (B) by unscrewing the 2 screws.
2. Install the new GS Solar LED Bulb by turning into the bulb socket clockwise. (Fig. 1).

**NOTE:** Make sure to grip the light bulb by the base only and NOT the glass lens.

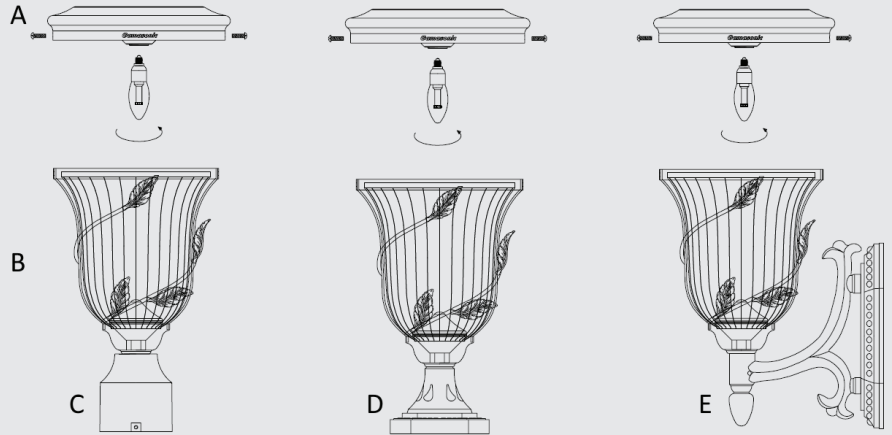


Fig. 1 3" Fitter Mount

Pier Mount

Wall Mount

3. Turn ON the light by choosing your desired brightness level:  
Low (I) - last longer using dimmer light.  
High (II) - Brighter light output. (Fig. 2).
4. Reattach part (A) to part (B) and secure with the 2 screws  
The Solar Lamp will automatically come on at dusk

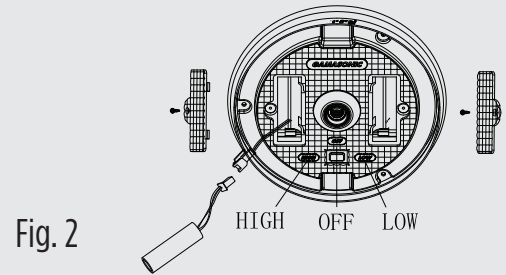


Fig. 2

## Installation Instructions

**NOTE:** If you are replacing an existing gas or electric light, you must consult a certified technician to disconnect the gas or electricity before installation of solar lamp.

### 3" Fitter Mount

Place solar lamp on top of your existing 3" post and tighten the 3 set screws provided to secure the lamp. Do not over-tighten.

### Pier Mount

1. Use a drill to make two holes in the desired surface that match the holes on the solar lamp base.
2. Place the provided screw anchors into holes.
3. Place the lamp base in line with holes and secure the base onto your desired surface with the provided screws.

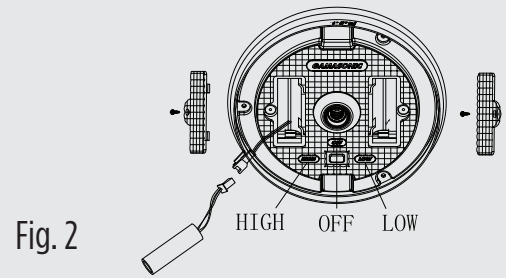
### Wall Mount

1. Remove wall lamp bracket by unscrewing the bronze screw caps from the back of the wall unit.
2. Use electric drill to make two holes in the desired location which match the holes on the wall lamp bracket, and place provided anchors into holes.
3. Place the wall lamp bracket in line with the holes and secure using the provided screws.
4. Attach the solar lamp to the wall support piece and secure with the bronze screw caps.



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

1. Unscrew the two screws and detach part (A) from part (B). Make sure the ON/OFF switch (Fig. 2) is in the OFF position.
2. Unscrew the battery compartment screw located on the silver reflector and remove the battery compartment door.
3. Unclip the connector and remove the old battery. Make sure the new battery is high quality 3.2V/1,500mAh Li-ion Rechargeable battery (GS32V15) with connector.
4. Clip on new battery and install into the battery compartment.
5. Screw back battery compartment door.
6. Reattach part (A) to part (B) and secure with the 2 screws.



**\*\* Gama Sonic batteries are available at [www.gamasonic.com](http://www.gamasonic.com)**

**You can purchase it directly at:  
<https://gamasonic.com/product-category/parts-and-accessories/>**

## Maintenance

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

## Troubleshooting

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

1. Make sure that the solar light is not being affected by any other light source.
2. Ensure the solar light is not positioned in the shade during the day.
3. Make sure the switch in the lamp head is in NOT on the " OFF" position.
4. Check that the batteries are installed correctly.
5. Check that the GS Solar LED Light Bulb is installed correctly



**WINTERTIME TIPS:** Keep snow and debris cleaned off the solar panels so the batteries can recharge. If the lights are covered with snow for an extended period of time, after the snow melts, allow all the batteries to charge in full, direct sunlight for at least 6 hours to their maximum capacity.

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

