CANDELA SOLAR LAMP POST
With GS Solar LED Light Bulb

US Patent # 9458970

Instruction Manual
Model: GS-54B-S

GS-54B-S-BLK
GS-54B-S-BNZ
Introduction

Thank you for your purchase. GAMA SONIC® solar charged accent lighting eliminates the problems associated with most solar lighting available today. 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 the 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 and more information call our Toll Free number: 800-835-4113 (only within the US).

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

Please read the instruction manual carefully to obtain the best results from your purchase. Unpack and identify the following components.

How solar lights work

During the day, the solar panel converts sunlight into electricity to recharge the battery. At night, the solar light turns ON automatically with the electricity stored during the day. The number of hours of illumination will vary depending on available sunlight levels which are affected by: weather conditions, time of year, and geographic location.

Solar Lamp Post Location

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

Precautions (prior to first time use)

1. To maximize battery capacity, the solar light should be fully charged by direct sunlight for eight hours before initial use.

2. Do not place solar light near a lighted object as this may interfere with the function of the photocell.

3. Under extremely cold temperatures, the battery may not charge fully. In such cases, the solar light may not stay illuminated as long or appear as bright.

WARNING: GAMA SONIC® Light bulbs are not to be used in other electrical sockets these are low-voltage light bulbs that are built and designed for our products only!
**Assembly and operation (See Pic 1)**

1. Carefully remove your solar light from the box.
2. Caution:  
   Turn the switch to “ON” position before using the unit  
   *(See Pic 2)*.
3. Do not press on the surface of the solar panel because  
   this can cause damage to the solar module.

4. Install the plastic ring and glass shade, gently slide them  
   into the frame. *(See Pic 1)*
5. Install the GS Solar LED Light Bulb *(See Pic 3)*
6. Attach the dome to the frame, then secure it with the four  
   screws.
7. Place the fitter on the post, then secure it with the three  
   set screws.
8. If the battery is fully charged and the switch is in the “ON”  
   position, the light will turn on automatically at nighttime  
   and turn off at daytime.

   This unit has a switch that can be found on the bottom of  
   the dome and must be turned the switch in “ON”  
   position before installing.

**Performance**

The performance of your solar light varies with the  
seasons of year. The solar light will provide brighter,  
longer illumination in summer than in winter.

**How to replace battery**

Switch Off the product. Remove the lamp head  
from the post.

Turn the solar lamp upside down and remove the  
four screws from the metal frame. *(See Pic 1)*

Unscrew the screw of battery compartment, remove  
the battery compartment cover. *(See Pic 3)*

Remove the old battery. Make sure that the new  
battery is lithium (3.2V 1,500mAh) rechargeable.  
Install the new battery into the battery compartment.

Replace the dome and metal frame and reinstall the  
solar lamp onto the pole.
Replacing the Solar LED Bulb

The Solar LED Bulb is designed to last up to 10 years, however if it is not working, or if you want to use a different color temperature bulb, you can replace it with a new GAMA SONIC Solar LED Bulb.

NOTE: When installing the GS Solar LED Bulb, hold it from its silver base not by the glass.

Replacement Solar LED Bulb and batteries are available at www.gamasonic.com or via our Toll free number: +1-800-835-4113

WARNING: 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.

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.

Trouble Shooting
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 the ON position.
4. Check that the batteries are installed correctly.

NOTE: The performance of the solar light 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.

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 8 hours to their maximum capacity.

WARNING: Please keep out of reach of children.