GAMA SONIC®
SOLAR LIGHTING

*Pole not included

6W SOLAR AREA LIGHT WITH MOTION SENSING AND TIMER
Model: 101iST60822

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 designs, 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.

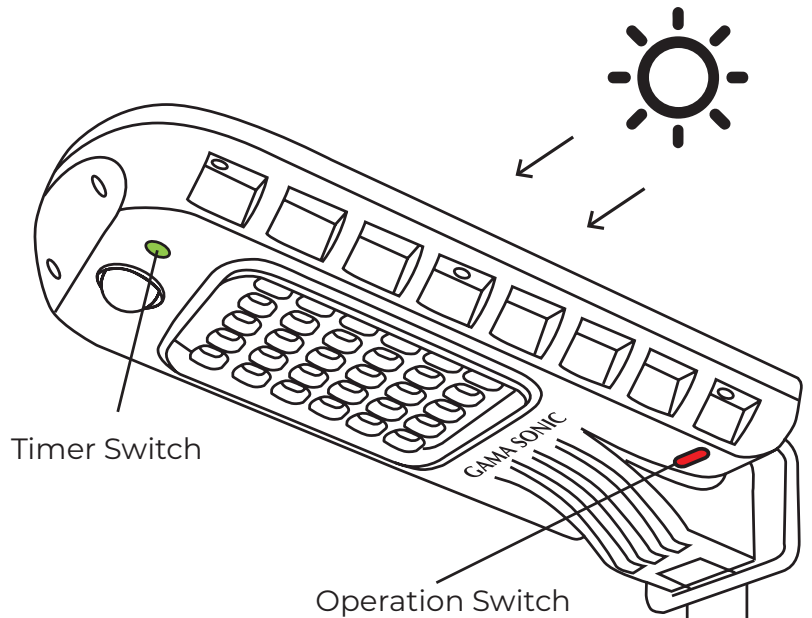For technical assistance and more information call our Toll-Free number: **800-835-4113** (only within the US)

Or

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

Package Contents

Post Mounting   **Surface Mounting**

Timer Switch

Operation Switch

*Pole not included

✔ **Operation Switch**

Place the lamp in one of the two operating settings:

OFF
PIR ■ ON

On: The lamp will constantly be on at 270 Lumens for the first four hours. After that, it will be reduced to 135 Lumens and increase to 270 Lumens when motion is detected for one minute.

PIR: The lamp will remain off until motion is detected after Dusk. When motion is detected, it will shine at 800 Lumens for one minute.
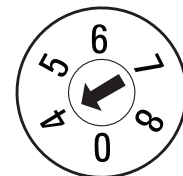
✔ **Timer Switch**

The timer switch works for both operation settings and controls the overall length of time the lamp will function for.

Using a small flathead screwdriver, turn the arrow to the following settings:

0 = Dusk to Dawn operation

4,5,6,7,8 = The number of hours the lamp will operate from Dusk.

Note: When using lamp in "On" setting, the lamp will still be bright for the first four hours and will cease operating after the total hours on the Timer Switch has elapsed. Example: when timer is set to 6, the lamp will dim to 100 Lumens for two hours.

Possible places to install the 101iST60822:
• Outside Garage • House Entryway • Patios • Garden • Driveway
• Camping Site • Rural Street • Farm • Green Belts • Square

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✔ **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.

Post Mount:

Assemble hardware to fixture housing as shown in the image (make sure the curved side of the mount faces in). Slide fixture over light post so the curved side of the mount hugs the light pole. Adjust the light to the desired height and position. Then tighten the two bolts.
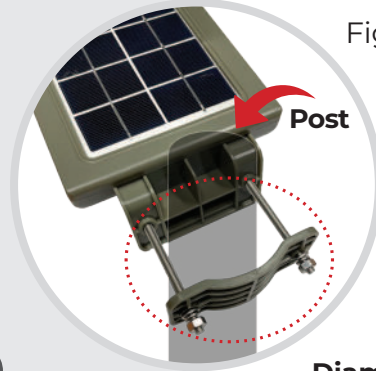
CAUTION: DO NOT OVERTIGHTEN SCREWS

Fig. 1

Post

Diameter 1.5 - 2 in

6.5 – 13 feet

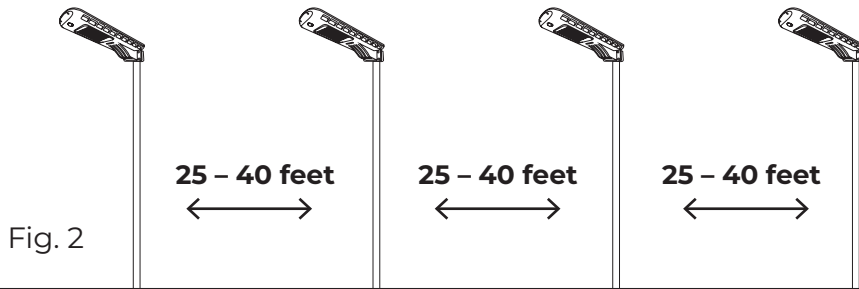**25 – 40 feet**   **25 – 40 feet**   **25 – 40 feet**

Fig. 2

Advice: ideal pole height: 6.5 – 13 feet; ideal pole diameter: 2 inches.

If multiple lights are purchased install between 25-40 feet apart for optimal light spread.

Surface Mount:

Make sure the alignment of your mounting location is level and even for your solar light installation. Drill two holes into your desired installation surface using the lamp as a template and place anchors in to the holes. Position the two provided screws through the holes of the lamp and into the anchors. Tighten the screws to secure the lamp to the surface.

Note: There are specific types of screws for different surfaces. If you're unsure of the appropriate type of screw to use on your desired surface, please consult a professional.
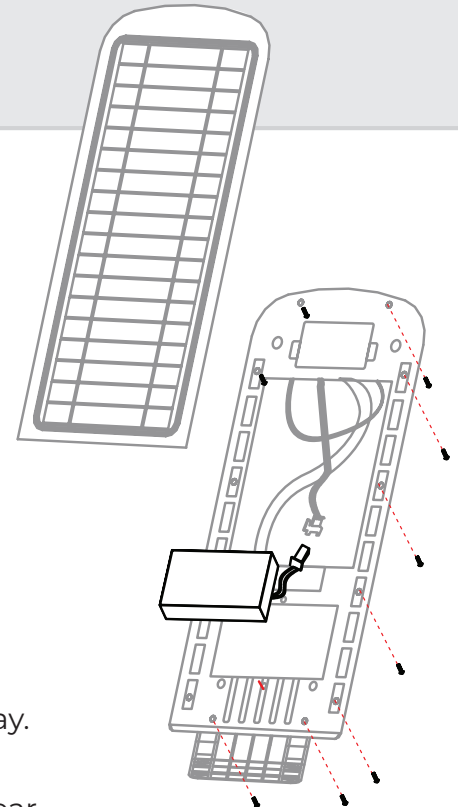
*Pole not included

Replacing the Batteries

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

1. Remove the lamp from where it is mounted and turn upside down.

2. Remove all 10 screws from the underside of the security light and remove the solar panel.

3. Unclip the battery connector and remove the old battery. Make sure the new battery is a high quality – 1x Li-Ion Battery pack 3.7V/6,000 mAh (Item GS37V60) with matching connector.

4. Install the new battery into the battery compartment.

5. Re-assemble by reversing Steps 1-2.

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 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 (i.e street lights).
2. Ensure the solar light 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 the 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.

Please keep out of reach of children.