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Gama Sonic 144iP2500KIT

Gama Sonic Luxor Solar Post Cap Light User Manual

Model: Post Cap Parent (144iP2500KIT)

INTRODUCTION

The Gama Sonic Luxor Solar Post Cap Light is designed to provide efficient and elegant outdoor illumination for your fence posts. This manual provides detailed instructions for the proper setup, operation, and maintenance of your solar lights to ensure optimal performance and longevity.

SAFETY INFORMATION

Please read and understand all instructions before installing or operating the Luxor Solar Post Cap Light. Keep this manual for future reference.

- Do not attempt to disassemble or modify the light fixture beyond the instructions provided in this manual.
- Ensure the solar panel receives adequate direct sunlight for optimal charging. Avoid shaded areas.
- Keep the solar panel clean from dirt, dust, and debris to maintain charging efficiency.
- This product is designed for outdoor use and is weather-resistant. However, avoid submerging it in water.
- Dispose of batteries according to local regulations.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x Luxor Solar Post Cap Lights
- 2 x 4x4 Inch Post Mounts
- 2 x 5x5 Inch Post Mounts
- 2 x Flat Mounts
- Mounting Hardware (screws)



Image: Components of the Gama Sonic Luxor Solar Post Cap Light kit, showing two light units and their interchangeable mounting bases for 4x4, 5x5, and flat surfaces.

SETUP AND INSTALLATION

Follow these steps to install your Luxor Solar Post Cap Lights:

1. **Select Mounting Location:** Choose a location for your solar lights that receives at least 6 hours of direct sunlight daily. This is crucial for optimal battery charging and light performance.
2. **Choose Appropriate Mount:** The Luxor lights come with three mounting options:
 - **4x4 Inch Post Mount:** For standard 4x4 inch wooden or vinyl posts.
 - **5x5 Inch Post Mount:** For standard 5x5 inch wooden or vinyl posts.
 - **Flat Mount:** For mounting on any flat surface, such as a deck railing or wall.

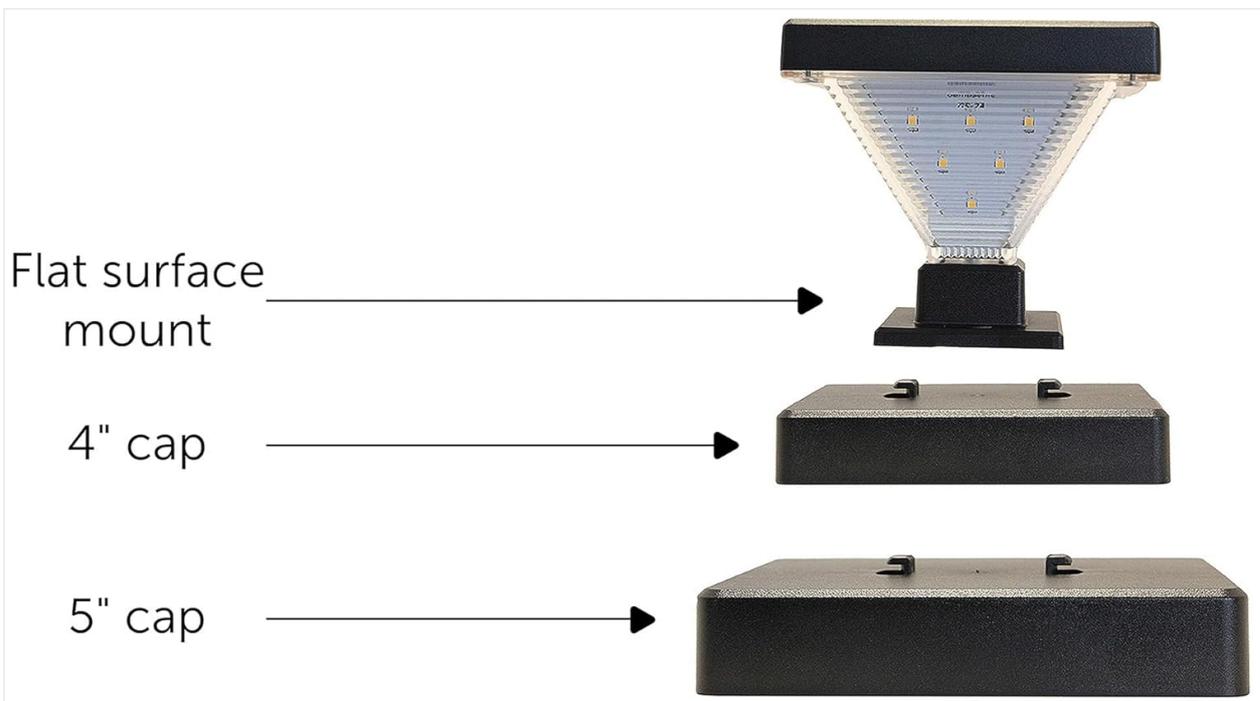


Image: Illustration of the three available mounting options: flat surface, 4-inch post cap, and 5-inch post cap, demonstrating how the light unit attaches to each base.

3. **Activate the Light:** Before installation, locate the Hi/Off/Low switch on the underside of the light unit. Set the switch to either "Hi" for maximum brightness or "Low" for extended illumination duration. Ensure it is not in the "Off" position.



High/Off/Low
Switch

Image: Detailed view of the bottom of the Luxor solar light, highlighting the three-position switch for High, Off, and Low light output settings.

4. **Mount the Base:** Secure the chosen mounting base to your post or flat surface using the provided screws. For post mounts, ensure the base is centered and level.
5. **Attach the Light Unit:** Carefully align the light unit with the mounted base and press down firmly until it clicks into place.
6. **Initial Charge:** Allow the lights to charge for at least 24-48 hours in direct sunlight before their first use to ensure the battery is fully charged.



Image: Two Luxor solar lights illuminating wooden deck posts at night, showcasing their warm white glow and effective outdoor lighting.

OPERATION

The Gama Sonic Luxor Solar Post Cap Lights are designed for automatic, hassle-free operation.

- **Automatic Dusk-to-Dawn:** Once activated and sufficiently charged, the lights will automatically turn on at dusk and turn off at dawn.
- **Hi/Lo Mode:** Use the switch on the underside of the light to select your preferred brightness level.
 - **Hi:** Provides maximum brightness (50 lumens) for a brighter illumination.
 - **Lo:** Provides a lower brightness level, extending the illumination duration, especially useful during shorter winter days or prolonged cloudy periods.



Image: An infographic summarizing the key operational benefits of the Luxor solar light, including up to 2 nights of light duration, 6 hours charging time, automatic dusk-to-dawn function, 2700K warm white light, and 50 lumens brightness.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your solar lights.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Battery Care:** The Luxor lights feature a high-quality Lithium-Ion battery designed for 5+ years of lifespan. If the light performance significantly diminishes after several years, the battery may need replacement. Contact Gama Sonic customer support for replacement battery information.
- **General Cleaning:** Clean the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.

TROUBLESHOOTING

If your Luxor Solar Post Cap Light is not functioning as expected, try the following solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	<ol style="list-style-type: none"> 1. Switch is in "Off" position. 2. Insufficient sunlight for charging. 3. Solar panel is dirty. 4. Battery is depleted or faulty. 	<ol style="list-style-type: none"> 1. Ensure the switch is set to "Hi" or "Lo". 2. Relocate the light to an area with more direct sunlight (at least 6 hours). 3. Clean the solar panel with a damp cloth. 4. Allow 24-48 hours for initial charge. If problem persists after several days of good sunlight, contact customer support.
Light duration is short.	<ol style="list-style-type: none"> 1. Insufficient charging. 2. Solar panel is dirty. 3. Battery capacity reduced due to age. 	<ol style="list-style-type: none"> 1. Ensure optimal sunlight exposure. 2. Clean the solar panel. 3. Consider setting the light to "Lo" mode for extended duration. If battery is old, consider replacement.

SPECIFICATIONS

Feature	Detail
Model Name	Luxor Solar Post Cap Light
Model Number	144iP2500KIT
Light Output	50 Lumens (Hi Mode)
Light Color Temperature	2700K Warm White
Power Source	Solar Powered
Battery Type	Lithium-Ion (included)
Battery Lifespan	5+ years
Solar Panel	Monocrystalline (10+ years lifespan)
Material	Durable ABS Resin, Tempered Glass
Product Dimensions (Light Unit)	4.38"L x 4.38"W x 4.75"H
Installation Type	Surface Mount (4x4, 5x5 inch post caps, flat surface)
Water Resistance Level	Water Resistant

WARRANTY AND SUPPORT

Gama Sonic provides a **2-year residential warranty** and a **5-year commercial warranty** for the Luxor Solar Post Cap Lights. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or replacement parts, please contact Gama Sonic customer support. Refer to the official Gama Sonic website for the most current contact information.

[Visit Gama Sonic Official Website](#)

