Gama Sonic 124B Aurora Parent

Gama Sonic Aurora Bulb Solar Light Instruction Manual

Model: 124B Aurora Parent

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Gama Sonic Aurora Bulb Solar Light. This outdoor solar post light features a warm white 2700K 50 lumen bulb, black cast aluminum construction with tempered glass, and an EZ Anchor in-ground auger for easy setup. Designed for energy efficiency and durability, it offers automatic dusk-to-dawn performance without the need for electrical wiring.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Aurora Bulb Solar Light Fixture
- Post Assembly
- EZ Anchor In-Ground Auger
- Warm White 2700K 50 Lumen Bulb (pre-installed or included separately)
- Lithium-Ion Battery Pack (pre-installed or included separately)
- Mounting Hardware (for wall, pier, or post fitter options, if applicable to your specific model)

SETUP AND INSTALLATION

Ensure the solar light is placed in a location that receives a minimum of 6 hours of direct sunlight daily for optimal charging and performance.

1. Unpacking and Initial Charge

Carefully remove all components from the packaging. Before first use, allow the solar light to charge in direct sunlight for at least 2-3 days with the switch in the OFF position. This ensures the battery reaches its full capacity.

2. Assembly (Lamp with Post)

1. Assemble the post sections according to the diagrams provided in the separate assembly guide (if applicable). Ensure all connections are secure.

2. Attach the light fixture head to the top of the assembled post.

3. EZ Anchor Installation (In-Ground)

The EZ Anchor kit allows for secure ground mounting without extensive digging or concrete.**Note:** The EZ Anchor may not be suitable for locations with high winds or poor soil stability.

1. Select a suitable location that receives ample direct sunlight.

2. Position the EZ Anchor at the desired spot. Using a sturdy rod or pipe through the anchor's top opening, twist the anchor clockwise into the ground until it is fully submerged and stable.

3. Mount the assembled solar light post onto the secured EZ Anchor, ensuring it is level and firmly attached.

Image: The Gama Sonic Aurora Bulb Solar Light with its EZ Anchor for in-ground installation.

GAMA SONIC®
SOLAR LIGHTING

Aurora Outdoor Solar Post Light

- Solar Operated
- Automatic Dusk to Dawn
- 10+ years tempered glass solar panels lifespan
- 5+ years battery lifespan
- Easy Installation
- Weather Resistant

Image: Two Gama Sonic Aurora Bulb Solar Lights installed along a garden path, illuminated at night.

KEY BENEFITS

Light Duration
Up to 12 hours of light

Charging Time
6 hours of direct sunlight

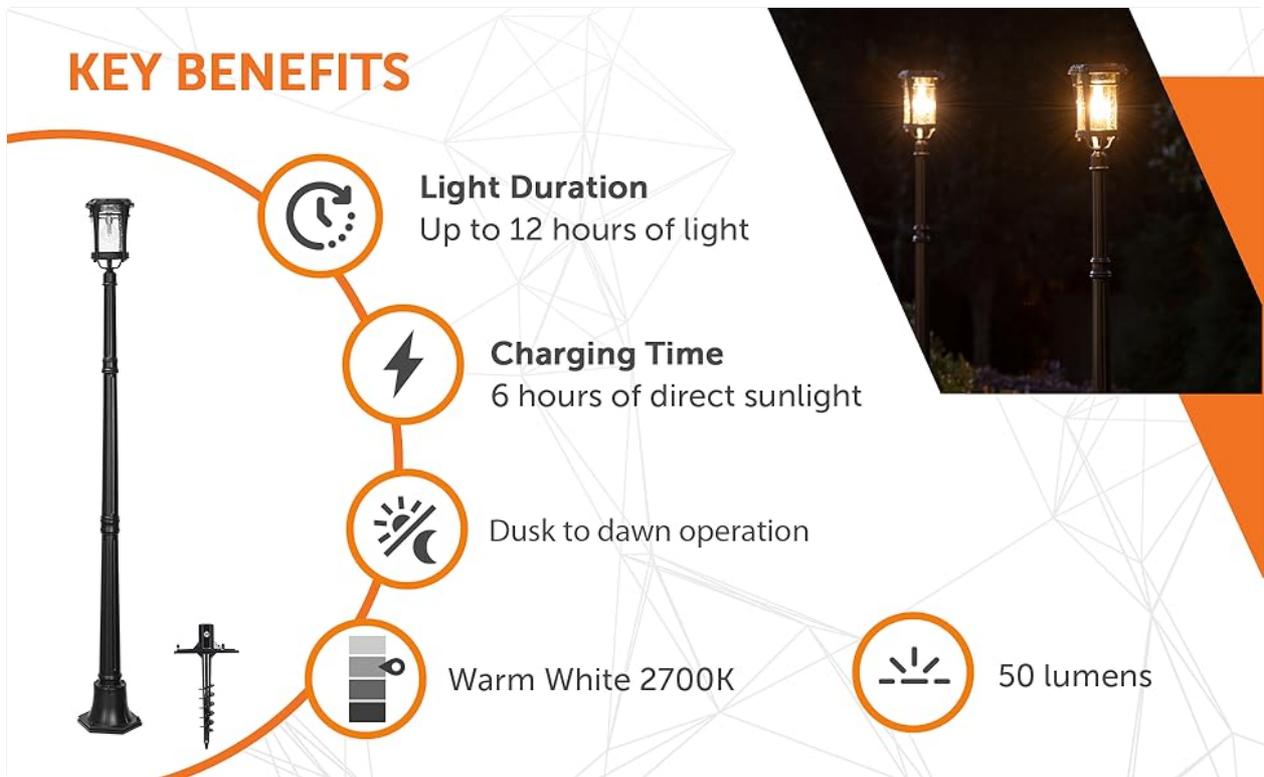Dusk to dawn operation

Warm White 2700K

50 lumens

Image: A Gama Sonic Aurora Bulb Solar Light standing in a sunny outdoor area, illustrating the need for direct sunlight.

OPERATING INSTRUCTIONS

The Gama Sonic Aurora Bulb Solar Light is designed for automatic operation.

1. Power Switch

Locate the power switch, typically found under the solar panel housing. This light features a 3-way switching mechanism:

- **ON:** The light will automatically turn on at dusk and off at dawn.
- **OFF:** The light will remain off, allowing the battery to charge without discharging. Use this setting for initial charging or extended storage.
- **LOW/HIGH (if applicable):** Some models may offer a low or high brightness setting. Select the desired brightness. The "ON" position usually corresponds to the default brightness (50 Lumens).

For optimal performance, ensure the switch is in the "ON" position after the initial charging period.

2. Automatic Dusk-to-Dawn Operation

Once activated and sufficiently charged, the integrated photocell sensor will detect ambient light levels. The light will automatically illuminate at dusk and turn off at dawn. A full charge provides up to 8-12 hours of illumination.

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Video: An overview of the Gama Sonic Aurora Outdoor Solar Lamp Post Light Kit, demonstrating its features and automatic operation.

MAINTENANCE

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

1. Cleaning the Solar Panel

Periodically clean the solar panel with a damp cloth to remove dust, dirt, and debris. A clean solar panel ensures maximum sunlight absorption and efficient battery charging. Do not use abrasive cleaners.

2. Battery Replacement

The integrated Lithium-Ion battery pack has a lifespan of approximately 1,000 charges (around 5 years). When the light duration significantly decreases, it may be time to replace the battery. Replacement battery packs are available from Gama Sonic. Refer to the product diagram for battery compartment access and replacement instructions.

3. Bulb Replacement

The warm white 2700K LED bulb is designed for long-term use (up to 50,000 hours). If the bulb needs replacement, ensure you use a compatible Gama Sonic replacement bulb. Consult the product diagram for instructions on accessing and replacing the bulb.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight for charging. Power switch is in the "OFF" position. Battery is depleted or faulty. Solar panel is dirty.	Relocate the light to an area with more direct sunlight (minimum 6 hours). Ensure the power switch is in the "ON" position. Allow 2-3 days of charging in the "OFF" position. If problem persists, replace battery. Clean the solar panel surface.
Light duration is shorter than expected.	Insufficient charging due to cloudy weather or shade. Battery is aging and losing capacity.	Ensure optimal sunlight exposure. Consider replacing the battery pack.
Light flickers or is dim.	Low battery charge. Faulty bulb or connection.	Allow the light to charge for a full day in direct sunlight. Check bulb connection or replace the bulb.

SPECIFICATIONS

Brand	Gama Sonic
Model Name	124B Aurora Parent
Color	Black
Material	Metal, Glass
Style	Lamp with Post
Product Dimensions	9"L x 9"W x 19"H (Fixture Head), Overall Height 72.63" (with post)

Power Source	Solar Powered
Light Source Type	LED
Light Color	Warm-white 2700K
Brightness	50 Lumen
Voltage	3.2 Volts
Wattage	8.5 watts (solar panel)
Battery Type	1 Lithium Ion battery (included)
Water Resistance Level	Water Resistant
Assembly Required	Yes

GamaSonic's Advanced Solar Technology

GAMA SONIC® SOLAR LIGHTING   VS.   OTHER BRANDS

Gama Sonic	Other Brands
Faster Charging — Larger solar panels	**Slower Charging** — Smaller solar panels
Longer-Lasting Efficient Charging — Tempered glass solar panels for max charging efficiency	**Less Efficient Solar Panels** — Epoxy covered solar panels get cloudy, reducing charge ability
Premium Battery — Lithium-Ion batteries	**Basic Battery** — Lower grade rechargeable batteries
Constant Light Throughout the Night — Advanced circuitry allows a consistent light output	**Starts Bright but Quickly Dims** — Standard circuitry dim light as the battery runs out

Image: Diagram showing the dimensions of the Gama Sonic Aurora Bulb Solar Light, including height and width.

WARRANTY AND SUPPORT

Gama Sonic products are designed for durability. This product includes a manufacturer's warranty. For specific warranty details and to register your product, please refer to the documentation included with your purchase or visit the official Gama Sonic website.

For technical assistance, replacement parts, or any inquiries, please contact Gama Sonic customer support. Support is available in Atlanta, GA, USA.

Online Support: Visit the Gama Sonic Store on Amazon for more information and product resources.