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LIAMOS W789B-6

LIAMOS Solar LED Street Lamp Model W789B-6 User Manual

Comprehensive instructions for installation, operation, and maintenance.

1. INTRODUCTION

Thank you for choosing the LIAMOS Solar LED Street Lamp Model W789B-6. This outdoor lighting solution is designed for efficiency and durability, utilizing solar power to provide bright illumination for various outdoor spaces. This manual provides essential information for the safe and effective use of your solar lamp, including installation, operation, and maintenance guidelines.

The W789B-6 features 504 LED bulbs, a robust ABS body, and operates on 6V solar power, ensuring long-lasting performance and energy efficiency. It is ideal for gardens, streets, backyards, garages, balconies, and side walls.

2. SAFETY INSTRUCTIONS

- Read all instructions carefully before installation and use.
- Ensure the mounting surface is stable and can support the weight of the lamp.
- Do not attempt to disassemble or modify the lamp, as this may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Avoid direct eye exposure to the LED light source.
- Dispose of the product and its components responsibly according to local regulations.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present and in good condition:

- LIAMOS Solar LED Street Lamp (Model W789B-6)
- Mounting Bracket and Hardware
- Remote Control (if included with your model)
- User Manual (this document)

4. PRODUCT OVERVIEW

The LIAMOS Solar LED Street Lamp integrates a solar panel, LED light array, and battery into a single unit. It is designed for automatic operation, charging during the day and illuminating at night.



Figure 1: Front view of the LIAMOS Solar LED Street Lamp, showing the LED array and control panel.



Figure 2: Overview of the solar street lamp, highlighting key features such as the solar panel, LED lights, sensor, and remote control.



Figure 3: Two LIAMOS Solar LED Street Lamps, showcasing the dual-row LED design.

5. SETUP AND INSTALLATION

5.1 Site Selection

Choose a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging of the solar panel. Avoid areas shaded by trees, buildings, or other obstructions.

5.2 Mounting the Lamp

1. **Prepare the Mounting Surface:** Ensure the wall or pole is sturdy enough to hold the lamp securely.
2. **Mark Drill Holes:** Use the mounting bracket as a template to mark the positions for drilling.
3. **Drill Holes:** Drill holes of appropriate size for the provided expansion bolts.
4. **Attach Bracket:** Secure the mounting bracket to the surface using the screws and expansion bolts.
5. **Mount the Lamp:** Attach the solar lamp to the mounting bracket. Ensure it is firmly secured and the solar panel faces upwards towards the sun.



Figure 4: The solar street lamp installed on a wall, demonstrating typical mounting.



Figure 5: Top view of the solar street lamp, emphasizing the solar panel for optimal sun exposure.

5.3 Initial Charge

Before first use, allow the solar lamp to charge in direct sunlight for at least 8-10 hours. This ensures the internal battery is fully charged for optimal performance.

6. OPERATING INSTRUCTIONS

6.1 Automatic Operation

The LIAMOS Solar LED Street Lamp is designed for automatic dusk-to-dawn operation. Once fully charged and installed, it will automatically turn on at night and turn off at dawn to recharge.

6.2 Using the Remote Control (if applicable)

If your model includes a remote control, you can use it to:

- **ON/OFF:** Manually turn the light on or off.
- **Brightness Adjustment:** Adjust the light intensity (e.g., 25%, 50%, 75%, 100%).
- **Timer Settings:** Set the light to operate for a specific duration (e.g., 3H, 5H, 8H).
- **Sensor Mode:** Activate or deactivate motion sensor functionality (if available).

Point the remote control directly at the sensor receptor on the lamp for best results.

7. MAINTENANCE

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum charging efficiency.
- **Inspect for Damage:** Periodically check the lamp and mounting bracket for any signs of damage or loose connections.
- **Battery:** The internal battery is designed for long life and is not user-replaceable. If the lamp's performance significantly degrades over time, it may indicate the battery has reached the end of its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lamp does not turn on at night.	Insufficient sunlight exposure. Solar panel is dirty. Battery is not charged. Lamp is in OFF mode (if remote control is used).	Relocate the lamp to an area with more direct sunlight. Clean the solar panel. Allow 1-2 days of full sunlight charging. Ensure the lamp is set to ON or automatic mode.
Light duration is short.	Insufficient charging. Battery degradation over time.	Ensure optimal sunlight exposure and clean panel. Consider replacing the unit if battery life is significantly reduced after several years.
Remote control not working.	Remote battery is dead. Obstruction between remote and sensor.	Replace remote control battery. Ensure clear line of sight to the lamp's sensor.

9. SPECIFICATIONS

Model:	W789B-6
Brand:	LIAMOS
Light Source:	504 LED Bulbs
Body Material:	ABS
Voltage:	6V
Power Source:	Solar
Item Weight:	50 Grams
Specific Use:	Garden, Street, Outdoor Lighting

10. WARRANTY AND SUPPORT

LIAMOS products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please refer to the retailer where the product was

purchased or visit the official LIAMOS website. Please retain your proof of purchase for warranty claims.