SZGMJIA B07RXXDHBR

SZGMJIA 100W LED Parking Lot Light Instruction Manual

Model: B07RXXDHBR

1. Product Overview

The SZGMJIA 100W LED Parking Lot Light is designed for outdoor illumination, featuring high brightness and energy efficiency. It includes a dusk-to-dawn photocell for automatic operation, turning on at dusk and off at dawn. This light is a suitable replacement for traditional 500W HPS/Halogen bulbs, offering significant energy savings. Its robust construction ensures durability and weather resistance for various outdoor applications.



Image 1.1: The SZGMJIA 100W LED Parking Lot Light, highlighting its high-brightness LEDs, optical lens for uniform light output, integrated photocell sensor, and UL certified power supply.

2. Safety Information

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards, which could cause property damage or personal injury.

- **Electrical Safety:** Always disconnect power at the circuit breaker before installing or servicing the fixture. Ensure proper grounding to avoid electrical shock.
- **Qualified Electrician:** Installation should be performed by a qualified electrician in accordance with all national and local electrical codes.
- **Voltage Compatibility:** Verify that the supply voltage is compatible with the fixture's operating voltage (AC100-277V).
- **Mounting:** Ensure the mounting surface and hardware can support the weight of the fixture.
- **Temperature:** Do not operate the fixture outside its specified working temperature range (-30°C to 50°C).
- **Damage:** Do not install if the product is damaged. Inspect for damage during shipping.

3. What's in the Box

Upon opening the package, verify that all components are present:

- 1 x SZGMJIA 100W LED Outdoor Street Light
- 1 x Knuckle Slip Fitter Mount (pre-attached or separate)
- 1 x Dusk-to-Dawn Photocell Sensor (pre-installed)
- 1 x Shorting Cap for Non-photocell Application
- 4 x Screws for mounting
- 2 x Nails (if applicable for specific mounting)
- 1 x User Manual

4. Installation Instructions

The SZGMJIA 100W LED Parking Lot Light is designed for easy installation on standard circular poles using its adjustable slip fit mount.

4.1 Mounting the Fixture

1. **Prepare the Pole:** Ensure the pole is sturdy and capable of supporting the fixture's weight. The slip fit mount is designed to fit poles up to 2.6 inches (66mm) in diameter.
2. **Connect Wiring:** Before mounting, connect the power cord correctly. Identify the Ground Wire (typically green or bare copper), Neutral Wire (typically white), and Live Wire (typically black). Ensure all connections are secure and insulated.
3. **Place on Pole:** Gently slide the slip fit mount onto the top of the circular pole.
4. **Secure the Light:** Use the provided screws to firmly fix the light to the pole. Tighten all screws to ensure stability.
5. **Adjust Angle:** The slip fit mount allows for angle adjustment. Loosen the adjustment bolts, set the desired illumination angle, and then securely tighten the bolts.



Image 4.1: Step-by-step guide for connecting the power cord and securely mounting the light fixture onto a pole using the slip fit mount.

4.2 Photocell Installation/Replacement

The light comes with a pre-installed dusk-to-dawn photocell. If you do not require the automatic dusk-to-dawn function, you can replace the photocell with the included shorting cap.

- To remove the photocell, twist it counter-clockwise until it detaches from the receptacle.
- To install the shorting cap (or a new photocell), align the pins with the receptacle slots and twist clockwise until it locks into place.



Image 4.2: An example of the light operating with its dusk-to-dawn photocell, automatically turning on at night.

5. Operating Instructions

Once properly installed and powered, the SZGMJIA 100W LED Parking Lot Light operates automatically if the photocell is installed.

- **Automatic Operation (with Photocell):** The integrated dusk-to-dawn photocell sensor detects ambient light levels. The light will automatically turn on when it gets dark (dusk) and turn off when it becomes light (dawn).
- **Manual Operation (with Shorting Cap):** If the photocell is replaced with the shorting cap, the light will operate based on the power supply to the fixture. It will turn on when power is supplied and turn off when power is disconnected (e.g., via a wall switch or timer).

6. Maintenance

The SZGMJIA 100W LED Parking Lot Light is designed for minimal maintenance. Regular inspection and cleaning can help ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, and debris. Do not use abrasive cleaners or solvents. Ensure the fixture is off and cool before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of physical damage, loose connections, or wear on the wiring. Ensure the mounting hardware remains secure.
- **Photocell:** Keep the photocell sensor clean and free from obstructions (e.g., leaves, dirt) to ensure accurate dusk-to-dawn operation.



Image 6.1: The light fixture demonstrating its IP65 waterproof rating, heat resistance, and frost resistance, ensuring reliable operation in various weather conditions.

7. Troubleshooting

If you encounter issues with your SZGMJIA 100W LED Parking Lot Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply, loose wiring, faulty photocell, or shorting cap not installed correctly.	Check circuit breaker. Verify all wire connections are secure. Ensure photocell is clean and unobstructed, or replace with shorting cap if not needed. Test power at the fixture.
Light stays on during the day.	Photocell obstructed or faulty.	Clean the photocell sensor. Ensure no objects are blocking light from reaching the sensor. If problem persists, the photocell may be faulty and require replacement.

Problem	Possible Cause	Solution
Light flickers.	Unstable power supply, loose connection, or internal component issue.	Check power supply stability. Inspect wiring for loose connections. If flickering continues, contact customer support.
Light is dim.	Dirt on lens, incorrect voltage, or component degradation.	Clean the light's lens. Verify correct input voltage.

If these steps do not resolve the issue, please contact customer support for further assistance.

8. Specifications

Detailed technical specifications for the SZGMJIA 100W LED Parking Lot Light:



Image 8.1: Visual representation of product dimensions and key specifications.

Power: 100W

Lumen Output: 15,000 LM

Luminous Efficacy: 150 LM/W

Color Temperature (CCT): 5000K Daylight White

Color Rendering Index (CRI): >80

Input Voltage: AC100-277V (50/60Hz)

Water Resistance Level: IP65 (Waterproof)

Surge Protection: 10kv

Beam Angle: 80°x150°

Working Temperature: -30°C to 50°C (-22°F to 122°F)

Material: Superior Aluminum Alloy, Superior PC

Mounting Type: Knuckle Slip Fitter Mount

Control Method: Photocell (Dusk-to-Dawn)

Certifications: ETL, DLC listed, FCC

Lifespan: >50,000 hours

9. Warranty and Support

9.1 Warranty Information

This SZGMJIA 100W LED Parking Lot Light is covered by a **5-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by improper installation, misuse, abuse, accidents, or unauthorized modifications.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your product, please contact SZGMJIA customer support. Please have your model number (B07RXXDHBR) and purchase date available when contacting support.

Contact Information:

Website: Visit the SZGMJIA Store on Amazon

Email: Refer to product packaging or official website for current contact email.

Phone: Refer to product packaging or official website for current contact phone number.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question