

Maxxima MEL-6150

Maxxima LED Outdoor Wall Light MEL-6150 Series Instruction Manual

Model: MEL-6150 | Brand: Maxxima

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Maxxima LED Outdoor Wall Light, MEL-6150 series. This fixture is designed for outdoor use, featuring an integrated LED light source and a dusk-to-dawn photocell sensor for automated operation. Please read these instructions thoroughly before installation and retain them for future reference.

2. SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.
- Installation must be performed by a qualified electrician or a person familiar with the construction and operation of the product and the hazards involved.
- Ensure the supply voltage is correct (120VAC, 60Hz) before connecting the fixture.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create safety hazards.
- Wear safety glasses and gloves during installation.
- This fixture is suitable for wet locations.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Maxxima LED Outdoor Wall Light Fixture (MEL-6150 Series)
- Mounting Bracket
- Wire Nuts
- Mounting Screws
- Instruction Manual



Figure 3.1: Maxxima LED Outdoor Wall Light product packaging, showing the fixture and included accessories.

4. SPECIFICATIONS

Feature	Specification
Brand	Maxxima
Model Number	755183178731 (MEL-6150 Series)
Light Source Type	Integrated LED
Brightness	580 Lumens
Color Temperature	3000K Warm White
Wattage	8.25 Watts
Voltage	120VAC, 60Hz
Dimensions (L x W x H)	8" x 6.6" x 11.7"
Material	Aluminum, Bronze, Glass
Special Feature	Dusk-to-Dawn Photocell Sensor
Operating Temperature	-22°F to 113°F
Certifications	ETL/CETL Listed



580
LUMENS

3000K
WARM WHITE

DUSK TO DAWN
SENSOR

Figure 4.1: Key features of the Maxxima LED Outdoor Wall Light, including brightness, color temperature, and sensor type.

5. SETUP AND INSTALLATION

Follow these steps to properly install your Maxxima LED Outdoor Wall Light:

1. **Prepare for Installation:** Turn off power at the circuit breaker or fuse box to avoid electrical shock. Ensure the mounting surface is clean, dry, and structurally sound.
2. **Attach Mounting Bracket:** Secure the provided mounting bracket to your electrical junction box using the screws included. Ensure the bracket is level and firmly attached.
3. **Wiring Connections:** Connect the fixture's wires to your household wiring. Match the black wire from the fixture to the black (hot) wire from the junction box, the white wire from the fixture to the white (neutral) wire from the junction box, and the green/bare copper ground wire from the fixture to the household ground wire. Use wire nuts to secure connections.
4. **Mount the Fixture:** Carefully align the fixture with the mounting bracket and secure it using the provided

screws. Ensure a tight seal against the mounting surface to prevent water intrusion.

5. **Restore Power:** Once the fixture is securely mounted and all connections are made, restore power at the circuit breaker.



Figure 5.1: Back plate and wiring connections for installation.



Figure 5.2: Example of the fixture installed on an

exterior wall.

Installation Video Guide

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Video 5.1: This video demonstrates the installation process for the MEL-6150 outdoor LED Wall Light, showing how to mount the bracket and connect wiring.

6. OPERATING INSTRUCTIONS

The Maxxima LED Outdoor Wall Light features an integrated dusk-to-dawn photocell sensor for automatic operation.

- **Automatic On/Off:** The photocell sensor detects ambient light levels. The fixture will automatically turn on when it gets dark and turn off when daylight is detected.
- **Sensor Placement:** Ensure the photocell sensor (small clear dome on the top of the fixture) is not obstructed by eaves, trees, or other objects that could cast shadows, as this may affect its operation.
- **Initial Operation:** Upon first power-up, the light may cycle on and off briefly as the sensor calibrates to its environment.



Figure 6.1: The Maxxima LED Outdoor Wall Light operating at dusk, demonstrating the photocell sensor functionality.

Product Overview Video

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Video 6.1: This video provides an overview of the Lantern-Style LED Outdoor Porch Light with Textured Glass (MEL-6150 Series), highlighting its design and features.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED outdoor wall light.

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or glass.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Address any

issues promptly.

- **LED Light Source:** The LED light source is integrated and not user-replaceable. If the LED fails, the entire fixture typically requires replacement.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	1. Power is off. 2. Photocell sensor is obstructed or faulty. 3. Wiring issue.	1. Check circuit breaker/fuse. 2. Ensure sensor is clear of obstructions. Test sensor by covering it completely for a few minutes. 3. Verify wiring connections are secure.
Light stays on during the day.	1. Photocell sensor is not receiving enough light. 2. Photocell sensor is faulty.	1. Ensure sensor is not in a shaded area. Relocate if necessary. 2. Contact customer support if the issue persists after checking for obstructions.
Light flickers or cycles on/off rapidly.	1. Intermittent power supply. 2. Photocell sensor interference. 3. Loose wiring.	1. Check power source stability. 2. Ensure no other light sources (e.g., car headlights, other fixtures) are directly shining on the sensor. 3. Verify all wiring connections are tight.

9. WARRANTY AND SUPPORT

This Maxxima LED Outdoor Wall Light comes with a **3-year warranty**. For warranty claims or technical support, please contact Maxxima customer service. Keep your purchase receipt as proof of purchase. For further assistance, visit the official Maxxima website or contact their support team directly.