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> [Lamomo Motion Sensor Outdoor Wall Light \(Model 0032-WU-SEUS\) User Manual](#)

Lamomo 0032-WU-SEUS

Lamomo Motion Sensor Outdoor Wall Light User Manual

Model: 0032-WU-SEUS

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lamomo Motion Sensor Outdoor Wall Light. Please read this manual thoroughly before installation and retain it for future reference. This fixture is designed for outdoor use, featuring motion sensing and dusk-to-dawn capabilities, constructed from anti-rust aluminum for durability.

SAFETY INFORMATION

- **Electrical Safety:** Always turn off power at the circuit breaker before beginning installation or performing any maintenance. Consult a qualified electrician if you are not familiar with electrical wiring.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Bulb Type:** Use only E26 base bulbs. Do not exceed the maximum wattage of 60W for incandescent bulbs or 30W for LED/Fluorescent bulbs. For optimal performance with motion sensing, use dimmable LED bulbs.
- **Installation Location:** Install the fixture in a location where it is protected from direct impact and excessive vibration. Ensure the mounting surface is structurally sound.
- **Water Resistance:** While the fixture is waterproof, ensure all connections are sealed properly during installation to maintain its integrity.

PACKAGE CONTENTS

Verify that all components are present before installation:

- Lamomo Motion Sensor Outdoor Wall Light Fixture
- Mounting Hardware Kit (screws, wire nuts, mounting plate)
- User Manual

Note: E26 light bulb is not included and must be purchased separately.

SPECIFICATIONS

Feature	Detail
Model Number	0032-WU-SEUS
Dimensions (approx.)	18.9 inches (Height) x 7.2 inches (Width from wall) x 5.9 inches (Fixture Width)
Material	Aluminum, Glass
Color	Black
Power Source	Hard Wired
Bulb Base	E26 (Bulb not included)
Max Wattage	60W Incandescent, 30W LED/Fluorescent
Motion Sensor Detection Range	0-30 feet, 180°
Adjustable Lighting Time (AUTO Mode)	5 seconds to 3 minutes
Operating Modes	TEST, AUTO, PC (Dusk to Dawn)

Product Dimensions



Image: Detailed product dimensions and examples of compatible E26 bulb types (RGB, A19, CFL, Flame, ST64).
Note the maximum wattage ratings for different bulb types.

INSTALLATION (SETUP)

Pre-Installation

1. **Turn off Power:** Locate the circuit breaker controlling the light switch or outlet where you intend to install the fixture and turn off the power.
2. **Prepare Wiring:** Ensure the existing electrical box is securely mounted and accessible.
3. **Unpack:** Carefully remove the fixture and all components from the packaging. Inspect for any damage.

Mounting Steps

4. **Attach Mounting Plate:** Secure the mounting plate to the electrical box using the provided screws. Ensure the plate is level and firmly attached.
5. **Wire Connections:** Connect the electrical wires according to local electrical codes. Typically, connect the black wire from the fixture to the black (hot) wire from the electrical box, the white wire from the fixture to the white (neutral) wire from the electrical box, and the ground wire from the fixture to the ground wire from the electrical box. Use wire nuts to secure connections.

6. **Mount Fixture:** Carefully align the fixture with the mounting plate and secure it using the provided screws. Ensure no wires are pinched.
7. **Install Bulb:** Screw an E26 base bulb (not included) into the socket. Do not overtighten.
8. **Restore Power:** Turn the power back on at the circuit breaker.





Image: The Lamomo Motion Sensor Outdoor Wall Light, showcasing its classic design and integrated motion sensor at the base.



Image: The Lamomo Outdoor Wall Light installed on an exterior wall, demonstrating its aesthetic integration into a home's outdoor space.

OPERATING MODES

Your Lamomo Motion Sensor Outdoor Wall Light features three distinct operating modes, selectable via a switch on the fixture:

- **TEST Mode:** This mode is for adjusting the motion detector sensitivity. The light will turn on when motion is detected and turn off approximately 5 seconds after motion ceases. This mode operates regardless of ambient light levels (day or night).
- **AUTO Mode:** In this mode, the light will automatically turn on when it detects moving heat sources within its coverage area (0-30 feet, 180°). The light will remain on for a user-defined duration (adjustable from 5 seconds to 3 minutes) after motion stops, then turn off automatically. This mode is active only when ambient light levels are low (dusk/night).
- **PC Mode (Dusk to Dawn):** The light will automatically turn on at dusk and turn off at dawn, regardless of motion detection. This mode provides continuous illumination throughout the night.

Adjusting Settings (AUTO Mode)

The fixture includes adjustable dials for 'TIME' and 'SENSITIVITY' (often labeled 'TEST AUTO PC SENSITIVITY' on the sensor unit). These adjustments primarily apply to AUTO mode:

- **TIME:** Adjust this dial to set how long the light remains on after motion is no longer detected (from 5 seconds to 3 minutes).
- **SENSITIVITY:** Adjust this dial to control the detection range and sensitivity of the motion sensor. Higher sensitivity detects motion at greater distances and with smaller movements.

3 LIGHTING MODES

The diagram shows the fixture's control panel with the following labels: 5S, 3MIN, TIME, TEST, AUTO, PC, SENSITIVITY.

PC Mode
Dusk to Dawn Sensor
Automatically turn off at day | Automatically turn on at night

AUTO Mode
Motion Sensor
100% Brightness. After 60s turn off (adjustable time)
NO Motion | Motion Detected
30ft | 180° | 30ft

TEST Mode
Motion Sensor
Allow you to adjust the sensitivity of motion detector to a desired level at day or night.
Motion Detected | Motion Detected
30ft | 180° | 30ft

Image: Visual explanation of the three lighting modes: PC (Dusk to Dawn), AUTO (Motion Sensor with adjustable

time), and TEST (Motion Sensor for sensitivity adjustment).

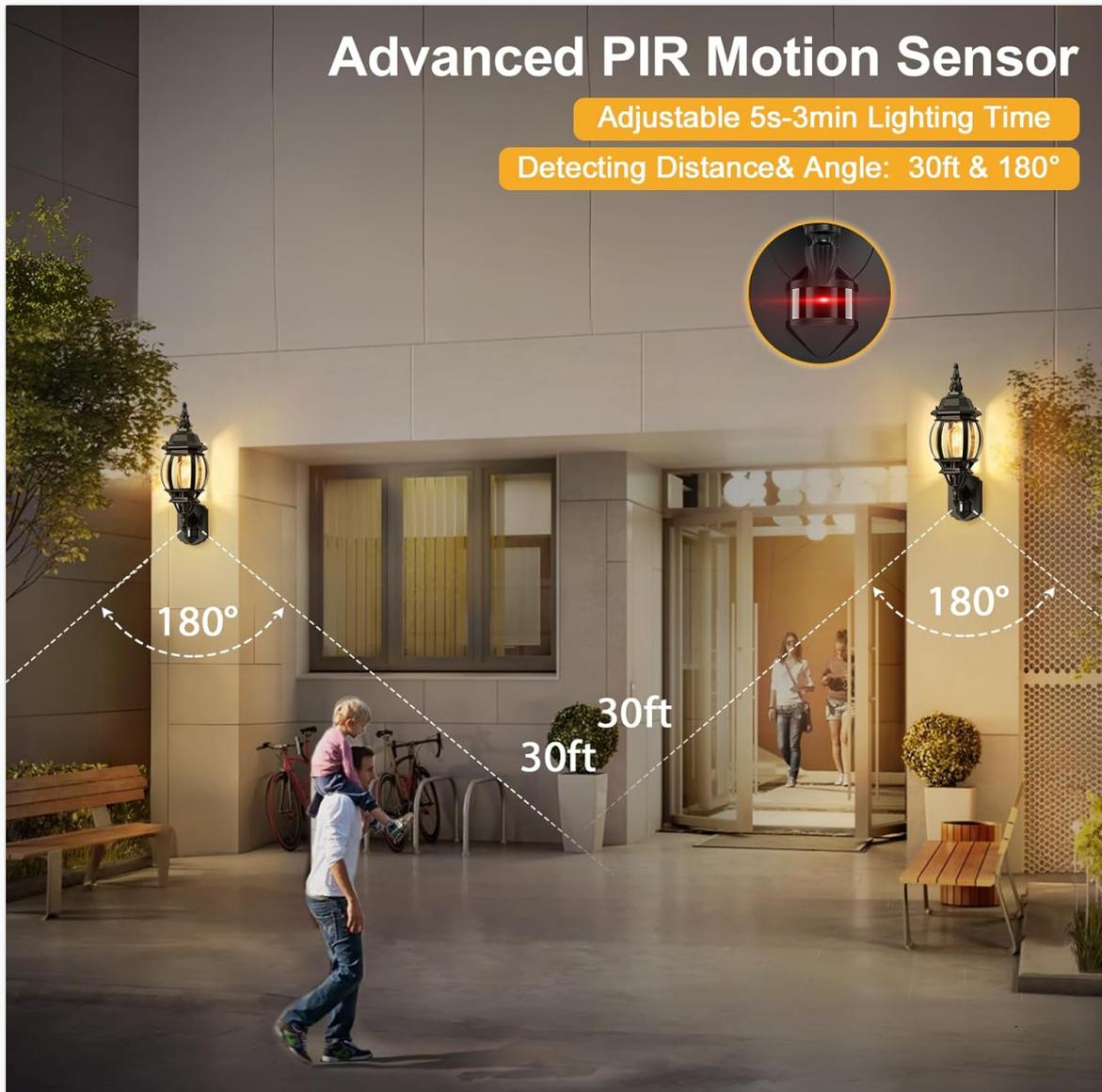


Image: Illustration of the advanced PIR motion sensor's capabilities, including its 30ft detection distance and 180° angle, with adjustable lighting time.

MAINTENANCE

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

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or sensor. Ensure the motion sensor lens is clear of dirt and debris for accurate detection.
- **Bulb Replacement:** Always turn off power at the circuit breaker before replacing the bulb. Allow the old bulb to cool completely before removal. Replace with an E26 base bulb, adhering to the maximum wattage specifications.
- **Inspection:** Annually inspect the wiring and mounting for any signs of wear, corrosion, or loosening. Tighten any loose screws and replace damaged components if necessary.



Image: The Lamomo Outdoor Wall Light highlighting its weather-resistant features, including protection against rain, sun, snow, and wind, ensuring durability in various outdoor conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty bulb, incorrect wiring, sensor blocked.	Check circuit breaker. Replace bulb. Verify wiring connections. Clear sensor lens.
Light stays on continuously.	Fixture in PC mode, constant motion detected, sensor malfunction.	Switch to AUTO or TEST mode. Ensure no continuous motion in sensor's field of view. Contact support if issue persists.
Light turns on randomly.	High sensitivity, environmental factors (wind, animals).	Reduce sensor sensitivity. Adjust sensor angle to avoid unwanted triggers.
Motion sensor not detecting.	Low sensitivity, sensor blocked, incorrect mode.	Increase sensor sensitivity. Clear sensor lens. Ensure fixture is in TEST or AUTO mode.

Light flickers.

Loose wiring, incompatible bulb (non-dimmable with sensor), faulty bulb.

Check wiring connections. Use a dimmable E26 LED bulb. Replace bulb.

WARRANTY AND SUPPORT

Lamomo products are manufactured to high-quality standards. For warranty information or technical support, please refer to the product packaging or contact Lamomo customer service through the retailer where the product was purchased. Please have your model number (0032-WU-SEUS) and purchase date available when contacting support.