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Lamomo 0289US

Lamomo Motion Sensor Outdoor Light Fixture User Manual

Model: 0289US

1. INTRODUCTION

Thank you for purchasing the Lamomo Motion Sensor Outdoor Light Fixture, Model 0289US. This fixture is designed to provide reliable and efficient outdoor lighting with advanced motion sensing capabilities. It features three distinct lighting modes, adjustable motion sensor distance, and illumination time, making it suitable for various outdoor applications such as porches, patios, entryways, and garages. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your light fixture.

2. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to do so may result in electric shock, fire, or other hazards that could cause injury or property damage.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- All electrical connections must be in accordance with local codes, ordinances, or the National Electric Code (NEC). Consult a qualified electrician if you are unfamiliar with proper electrical wiring connections.
- Ensure the fixture is properly grounded.
- Do not install this fixture on surfaces that are easily flammable.
- Use only incandescent or DIMMABLE LED bulbs with an E26 base. Non-dimmable LED bulbs may cause flickering. (Bulb not included).
- Handle glass components with care to prevent breakage.

3. PACKAGE CONTENTS

Verify that all components are present before installation:

- Lamomo Motion Sensor Outdoor Light Fixture (1 unit)
- Mounting Hardware (crossbar-style mount plate, wire connector, mounting screws)
- User Manual

Note: Bulb is not included.

4. PRODUCT OVERVIEW

The Lamomo Motion Sensor Outdoor Light Fixture is constructed from durable aluminum with clear seeded glass panels, designed for weather resistance and long-term outdoor use. It integrates a PIR motion sensor for enhanced security and convenience.



Figure 1: Front view of the Lamomo Motion Sensor Outdoor Light Fixture, showcasing its classic black finish and clear glass panels.



Figure 2: Detailed information including dimensions (11.8 inches height, 7.7 inches width), ETL certification, advanced PIR motion sensor, 100% aluminum construction, clear glass, and standard E26 socket. Voltage 110V-120V, Color Temperature 2700K Warm White.

Key Features:

- **PIR Motion Sensor:** Detects motion up to 40 feet with a 180-degree detection angle.
- **3 Lighting Modes:** Customizable settings for sensor distance, illumination time (20s-180s), and dim light brightness (0%-50%).
- **Durable Construction:** Made from high-quality aluminum with a black finish and clear seeded glass, ensuring anti-rust and waterproof performance.
- **Easy Installation:** Pre-assembled glass and included mounting hardware for quick setup.
- **Wide Application:** Suitable for entryways, doorways, porches, patios, garages, and other outdoor areas.

5. INSTALLATION INSTRUCTIONS

Follow these steps for safe and proper installation of your light fixture.

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. Mount the Crossbar:

- Attach the included crossbar-style mount plate to the electrical box using the provided mounting screws. Ensure it is securely fastened.



Figure 3: Illustration of mounting the crossbar plate to the electrical box on an exterior wall.

3. Wire Connections:

- Connect the fixture's wires to your house wiring using the wire connectors:
 - Black (Live) to Black (Live)
 - White (Neutral) to White (Neutral)
 - Green/Bare Copper (Ground) to Green/Bare Copper (Ground)
- Ensure all connections are secure.

4. Attach the Fixture:

- Carefully align the fixture with the mounting screws on the crossbar and secure it in place.

5. Install the Bulb:

- Screw an E26 base incandescent or DIMMABLE LED bulb (max 60W) into the socket.



Figure 4: Examples of compatible E26 base incandescent and dimmable LED bulbs. Non-dimmable LED bulbs are not recommended.

6. Restore Power:

- Turn the power back on at the circuit breaker.

7. Initial Self-Test:

- Upon first power-up, the light will perform a self-test for approximately 20-30 seconds at 100% brightness, then turn off. This is normal operation.

6. OPERATING INSTRUCTIONS

The Lamomo Motion Sensor Outdoor Light Fixture offers three adjustable lighting modes and customizable sensor settings.



Figure 5: Diagram illustrating the 180-degree detection angle and up to 40 feet detection distance of the PIR motion sensor.

6.1. Setting the Lighting Modes

The fixture has a switch located under the cap for selecting the operating mode. To access the switch, unscrew the top cover of the light fixture. Adjust the switch to your desired mode:

1. Mode 1: Dim Light + Motion Activated

- The light stays on at a dim brightness (0%-50% adjustable) from dusk to dawn.
- When motion is detected, the light brightens to 100% for a set duration (20s-180s adjustable), then returns to dim.

2. Mode 2: Motion Activated Only

- The light remains off from dusk to dawn.
- When motion is detected, the light turns on at 100% brightness for a set duration (20s-180s adjustable), then turns off completely.

3. Mode 3: Dusk to Dawn (Constant On)

- The light turns on at 100% brightness at dusk and stays on until dawn.
- In this mode, the motion sensor is inactive. The light will only turn off by cutting power from the wall switch.

6.2. Adjusting Sensor Settings

After selecting a motion-activated mode (Mode 1 or Mode 2), you can fine-tune the sensor's performance using the adjustment screws located near the sensor:

- **Sensor Distance (Sensitivity):** Adjusts the range of motion detection from 0 to 40 feet. Turn clockwise to increase sensitivity, counter-clockwise to decrease.
- **Illumination Time:** Sets how long the light stays on at 100% brightness after motion is detected, ranging from 20 seconds to 180 seconds. Turn clockwise to increase duration, counter-clockwise to decrease.
- **Dim Light Brightness (Mode 1 only):** Adjusts the low-level brightness from 0% to 50%.

Note: It is recommended to test the settings after adjustment to ensure desired operation.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your light fixture.

- **Cleaning:** Periodically wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or glass.
- **Bulb Replacement:** Ensure power is off before replacing the bulb. Allow the bulb to cool completely before handling.
- **Inspection:** Annually inspect the wiring and connections for any signs of wear or damage.



Figure 6: The fixture is designed for weather resistance, including snowy conditions, but regular cleaning is recommended.

8. TROUBLESHOOTING

If you encounter issues with your light fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty bulb; incorrect wiring.	Check circuit breaker. Replace bulb. Verify wiring connections.
Light flickers.	Using a non-dimmable LED bulb; loose connection.	Ensure a dimmable LED or incandescent bulb is used. Check wiring connections.
Motion sensor not detecting.	Sensor sensitivity too low; obstruction; incorrect mode.	Adjust sensor sensitivity. Clear obstructions. Ensure Mode 1 or 2 is selected.

Problem	Possible Cause	Solution
Light stays on constantly (not motion activated).	Mode 3 (Dusk to Dawn) selected; sensor malfunction.	Switch to Mode 1 or 2. If issue persists, contact support.
Light turns on during the day.	Photocell sensor obstructed or faulty.	Ensure the photocell is not covered. If issue persists, contact support.

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	Lamomo
Model Number	0289US
Material	Aluminum
Color	Black
Style	Retro Sconce
Product Dimensions	7.7"L x 7.7"W x 11.8"H (19.5cm x 19.5cm x 30cm)
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Installation Type	Wall Mount
Special Feature	Motion Sensor (PIR)
Control Method	Switch (for modes), Adjustment Screws (for sensor)
Light Source Type	LED or Incandescent (Dimmable recommended)
Bulb Base	E26
Max Wattage	60 watts
Voltage	120 Volts (AC)
Water Resistance Level	Waterproof
Certifications	ETL Listed (Intertek)

10. WARRANTY AND SUPPORT

Lamomo products are manufactured with quality and durability in mind. For warranty information or technical support, please refer to the product packaging or contact Lamomo customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, please visit the [Lamomo Store on Amazon](#).



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