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UME 7632811012

UME 49W LED Security Light with Motion Sensor

Model: 7632811012

Brand: UME

1. Introduction

Thank you for choosing the UME 49W LED Security Light with Motion Sensor. This outdoor flood light is designed to provide bright, energy-efficient illumination and enhanced security for your property. Featuring a 3-head adjustable design, 5000K daylight color temperature, IP65 waterproof rating, and multiple operating modes, it is suitable for various outdoor applications such as garages, yards, and porches.

Please read this manual thoroughly before installation and operation to ensure proper use and to maintain the product's longevity.

2. Safety Instructions

- **Electrical Safety:** Always turn off power at the circuit breaker before installing, servicing, or cleaning the fixture. Improper wiring can result in electric shock or fire.
- **Professional Installation:** If you are unsure about electrical wiring, consult a qualified electrician.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical hazards.
- **Mounting Surface:** Mount the fixture securely to a sturdy surface that can support its weight.
- **Operating Temperature:** Do not operate the fixture in temperatures outside its specified range.
- **No User-Serviceable Parts:** Do not attempt to disassemble or repair the LED light heads or motion sensor. There are no user-serviceable parts inside.
- **Avoid Direct Eye Exposure:** Do not stare directly into the LED light source when illuminated, as it may cause eye strain or damage.

3. Package Contents

Verify that all components are present before beginning installation:

- UME 49W LED Security Light Fixture (1)
- Mounting Hardware (Screws, Wire Nuts, Mounting Plate, Foam Pad)
- Instruction Manual (This document)

4. Product Overview

The UME 49W LED Security Light features three adjustable light heads and an integrated motion sensor. Its robust aluminum construction and IP65 waterproof rating ensure durability in various weather conditions.



Image 4.1: Front view of the UME 49W LED Security Light, showing the three light heads and the motion sensor.

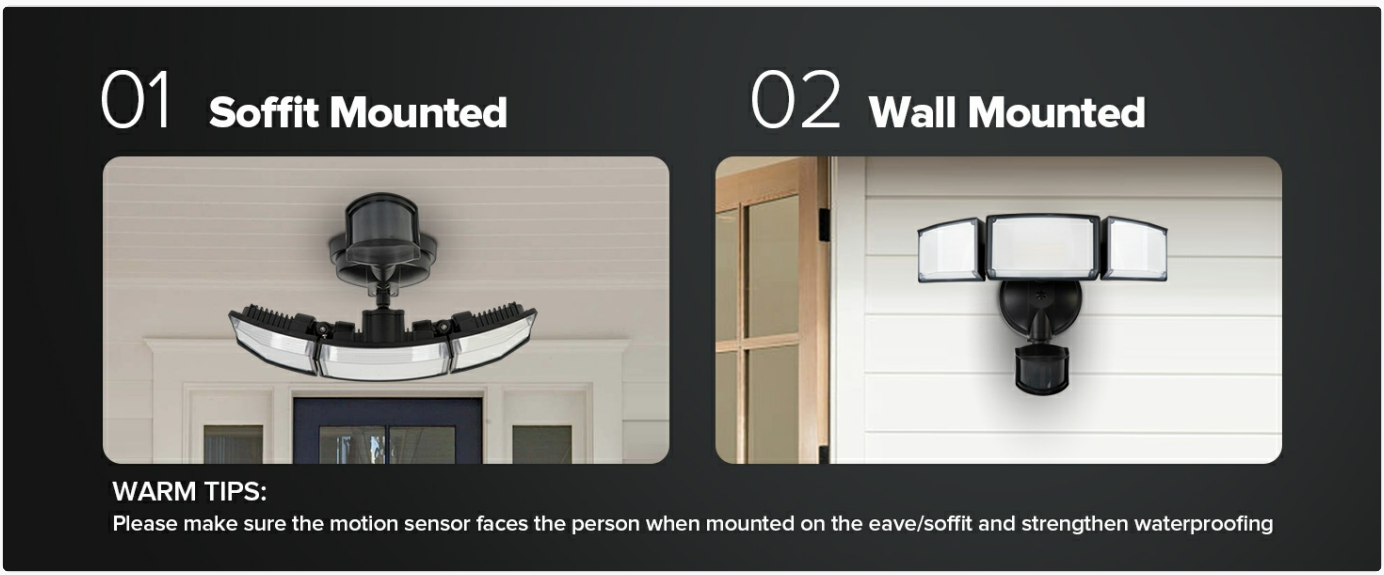


Image 4.2: Illustration of the high-quality LED lamp beads and professional filter lens designed for soft, anti-glare illumination.



Image 4.3: Diagram highlighting the excellent heat dissipation design, contributing to a longer lifespan of up to 50,000 hours.

5. Installation

This fixture requires hardwired installation. A junction box is NOT included and must be purchased separately. Ensure power is OFF at the circuit breaker before proceeding.

5.1 Mounting Options

The light can be mounted on a wall or soffit. When soffit mounted, ensure the motion sensor faces the area where motion detection is desired.



Image 5.1: Illustrations demonstrating both soffit-mounted and wall-mounted installation configurations.

5.2 Wiring Steps

1. Turn off power at the main circuit breaker.
2. Attach the mounting plate to the junction box using the provided screws.
3. Connect the fixture's wires to your household wiring: black to black (live), white to white (neutral), and green/bare copper to green (ground) using wire nuts.
4. Secure the fixture to the mounting plate.
5. Apply the foam pad around the fixture base for a watertight seal.
6. Restore power at the circuit breaker.



Image 5.2: Visual guide illustrating the three main steps for installing the security light onto a wall-mounted junction box.



Image 5.3: Display of the mounting hardware provided for installation, including wire nuts, screws, and a foam pad.

6. Operating Modes

The UME security light offers four distinct operating modes, selectable via controls on the motion sensor unit:

- **Test Mode:** Allows testing of the sensor's functionality during daylight hours. The light will turn on for approximately 5 seconds when motion is detected.
- **Security Mode:** The light activates to 100% brightness when motion is detected at night and turns off after a set duration (1, 3, or 10 minutes) if no further motion is detected.
- **Dusk to Dawn Mode:** The light stays on at 20% brightness throughout the night. When motion is detected, it brightens to 100% and returns to 20% brightness after motion ceases. The light automatically turns off at dawn.
- **Manual Override Mode:** The light stays on at 100% brightness for 6 hours, regardless of motion. To activate, cycle the power switch ON-OFF-ON within 3 seconds.



Image 6.1: Detailed view of the motion sensor's control dials for adjusting sensitivity (Distance) and illumination duration (Time), along with mode selection.



Image 6.2: Visual representation of the Test Mode, where the light briefly illuminates for 5 seconds when motion is detected, even in daylight.

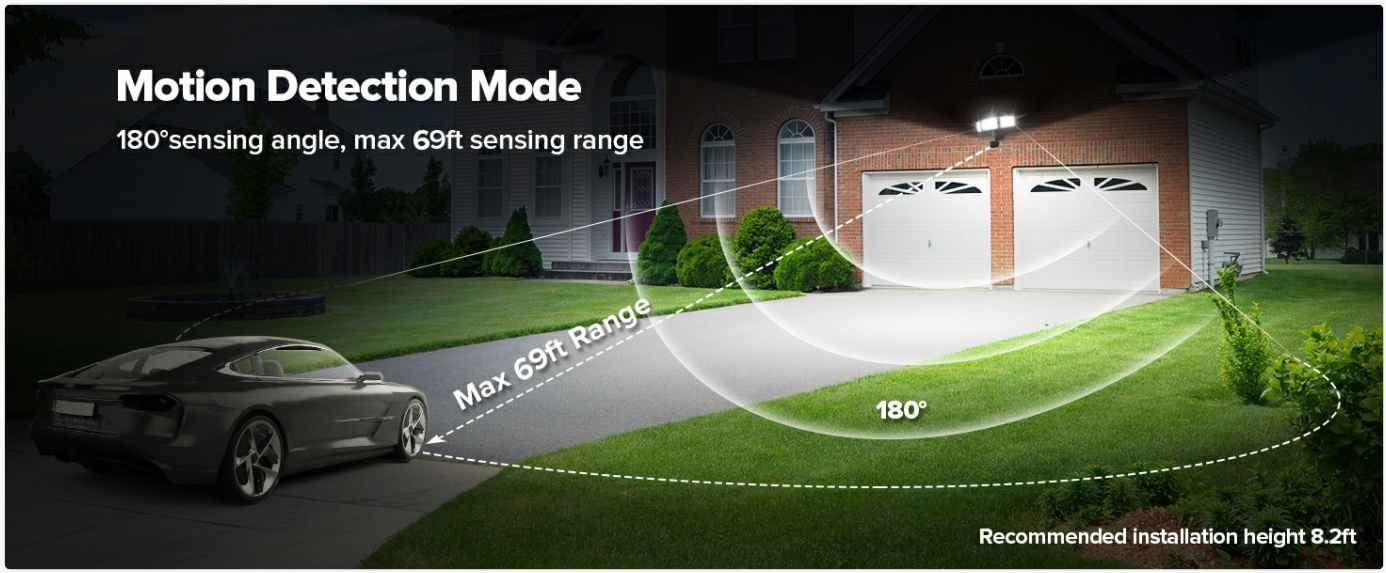


Image 6.3: Depiction of the Security Mode, showing the light activating to full brightness when a car enters the driveway at night.



Image 6.4: Visual explanation of the Dusk to Dawn Mode, showing the light at 20% brightness, increasing to 100% upon motion, and turning off at dawn.

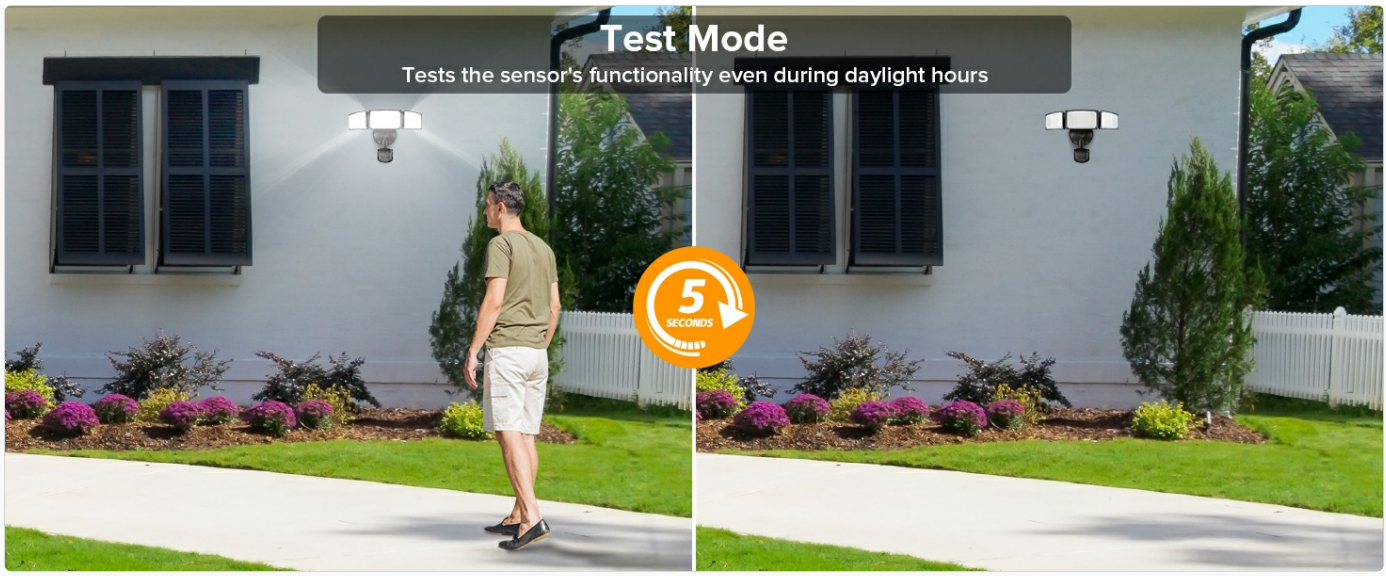


Image 6.5: Depiction of the Manual Override Mode, where the light remains at 100% brightness for a continuous 6-hour period.

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Video 6.1: An official product video from UME-US demonstrating the features and functionality of the 49W 4500LM LED Security Light with Motion Sensor.

7. Adjustments

7.1 Motion Sensor Settings

The motion sensor has two adjustable dials:

- **Distance (Sensitivity):** Adjusts the detection range from 0-20 ft (L), 20-39 ft (M), to 39-69 ft (H). The sensor has a 180° wide sensing angle.
- **Time:** Sets the duration the light stays on after motion is detected: 1 minute, 3 minutes, or 10 minutes.



Image 7.1: Illustration detailing the motion sensor's 180-degree detection angle and maximum range of 69 feet, indicating detection of people, pets, and vehicles.

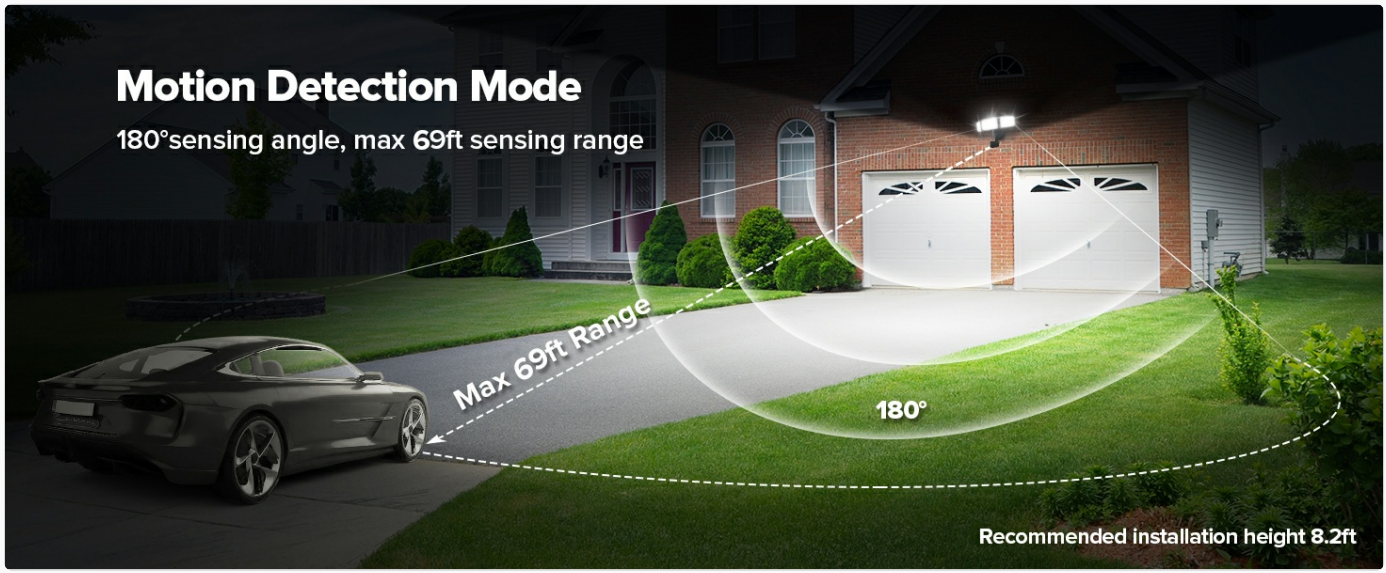


Image 7.2: Overhead view illustrating the 180-degree sensing angle and maximum 69-foot sensing range of the motion detection mode, with a recommended installation height of 8.2 feet.

7.2 Light Head Adjustment

The three LED light heads are independently adjustable, allowing you to direct light precisely where needed. This flexible design provides broader and wider light coverage.



Image 7.3: Visual guide demonstrating the flexible adjustment capabilities of the three light heads, allowing for 210°, 240°, and 300° coverage.



Image 7.4: Illustration emphasizing the three adjustable heads, which provide broader and wider light distribution to cover desired areas.

8. Maintenance

- **Cleaning:** Clean the fixture periodically with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Regularly inspect the wiring and mounting for any signs of wear, damage, or loosening.
- **LEDs:** The LED light source is integrated and not replaceable. Do not attempt to open the light heads.

9. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power, incorrect wiring, sensor blocked, or sensor in daylight.	Check circuit breaker. Verify wiring connections. Ensure sensor is not obstructed. Test in a dark environment or use Test Mode.
Light stays on continuously.	Manual Override Mode activated, constant motion detected, or sensor malfunction.	Cycle power to reset Manual Override. Check for continuous motion in sensor's field of view. If problem persists, contact support.
Light flashes or flickers.	Unstable power supply or loose wiring.	Ensure stable power. Check all wiring connections for tightness.
Motion sensor not detecting.	Sensitivity set too low, sensor obstructed, or incorrect angle.	Adjust sensitivity dial to 'H'. Clear any obstructions. Adjust sensor angle for optimal coverage.

10. Specifications

Feature	Specification
Brand	UME
Model Number	7632811012
Wattage	49 watts

Feature	Specification
Brightness	4500 Lumens
Color Temperature	5000 Kelvin (Daylight)
Material	Aluminum
Water Resistance Level	IP65 Waterproof
Motion Sensor Angle	180 degrees
Motion Sensor Range	Up to 69 feet
Power Source	Corded Electric (Hardwired)
Voltage	120 Volts
Product Dimensions	12.99"L x 5.12"W x 8.07"H
Item Weight	2.2 Pounds
Assembly Required	Yes

11. Warranty and Support

This UME product comes with a limited warranty. For specific warranty details or technical support, please refer to the product packaging or contact UME customer service. We provide 24-hour after-sales service and guarantee easy and fast replacement for any quality problems.

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