UME 7601901053-new

UME LED Security Light Instruction Manual

Model: 7601901053-new

1. Introduction

Thank you for choosing the UME LED Security Light. This manual provides essential information for the safe installation, operation, and maintenance of your new security light. Please read it thoroughly before installation and retain it for future reference.

This 27W LED security light delivers 3500 lumens of 5000K daylight illumination, featuring a motion sensor and two adjustable heads. It is designed for outdoor use with an IP65 waterproof rating, ensuring reliable performance in various weather conditions.



Image: The UME LED Security Light providing bright illumination to an outdoor area at night.

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 (120V AC, 60Hz).
- Do not install near combustible materials.
- Do not connect to a dimmer switch.
- This fixture is designed for outdoor use and is IP65 waterproof rated.
- Wear safety glasses and gloves during installation.

3. What's in the Box

Verify that all components are present before beginning installation:

- UME LED Security Light (1 unit)
- Mounting Hardware (Screws, Wire Nuts, Mounting Bracket, Rubber Plug, Foam Pad, Mounting Plate Screws)



Image: Product dimensions (9.45"L x 6.3"W x 6.69"H) and a visual representation of included mounting hardware.

4. Specifications

Feature	Specification
Brand	UME
Model Number	7601901053-new
Power Source	Corded Electric (Hardwired)

Wattage	27 Watts
Brightness	3500 Lumens
Color Temperature	5000K (Cool White)
Light Source	LED
Number of Light Heads	2
Motion Sensor Detection Angle	180°
Motion Sensor Detection Range	Up to 69 feet
Water Resistance Level	IP65 Waterproof
Material	Aluminum
Lifespan	Up to 50,000 hours
Dimensions (L x W x H)	9.45" x 6.3" x 6.69"



Image: High efficiency LED lamp beads, indicating energy savings of up to 88%.



Image: Efficient heat dissipation design with die-cast aluminum for extended lifespan.



Image: IP65 waterproof rating ensures protection against rain, sleet, and snow.

5. Setup and Installation

This security light requires hardwired installation. A junction box is not included. Ensure power is disconnected before proceeding.

5.1 Mounting Options

The light can be mounted on an eave (soffit) or a wall. When eave mounted, ensure the motion sensor faces outwards for optimal detection.



Image: Illustration of Eave Mounted and Wall Mounted installations, emphasizing correct motion sensor orientation.

5.2 Wiring Steps

1. **Step 1: Prepare Wiring.** Turn off power at the circuit breaker. Connect the Live Wire (black), Neutral Wire (white), and Earth Wire (green/yellow) from your household wiring to the corresponding wires on the light fixture using the provided wire nuts.
2. **Step 2: Mount Bracket.** Secure the mounting bracket to the junction box on the wall or eave using the provided screws.
3. **Step 3: Attach Fixture.** Connect the light fixture to the mounting bracket, ensuring all wires are tucked safely into the junction box.

4. **Step 4: Seal.** Use the foam pad and rubber plug to seal the fixture against moisture.
5. **Step 5: Adjust Heads.** Adjust the two light heads and the motion sensor head to your desired angles.



Image: Step-by-step installation guide showing wire connections (Live, Neutral, Earth) and mounting process.



Image: Components for easy installation, including screws, wire nuts, mounting bracket, rubber plug, and foam pad.

6. Operating Instructions

The UME LED Security Light offers four versatile lighting modes and adjustable motion sensor settings.

6.1 Lighting Modes

The mode selection dial is located on the motion sensor. Rotate the dial to select your desired mode:

- **Security Mode (Motion Sensor Mode):** The light turns on at 100% brightness only when motion is detected at night. It turns off after motion ceases and the set time duration expires.
- **Dusk to Dawn Mode:** The light maintains 20% brightness throughout the night. When motion is detected, it brightens to 100% for a set duration, then returns to 20% brightness.
- **Manual Override Mode:** The light stays on at 100% brightness for 6 hours, regardless of day or night. This mode can typically be activated by quickly flipping the wall switch twice within 3 seconds.
- **Test Mode:** Used to test the sensor's functionality and detection range during installation. The light will turn on for a short period when motion is detected, regardless of ambient light.



Image: Overview of the three primary lighting modes and their behaviors.



Image: Motion sensor controls for customizing modes, sensing distance (L-0-20ft, M-0-39ft, H-0-69ft), and time duration (1min, 3min, 10min).

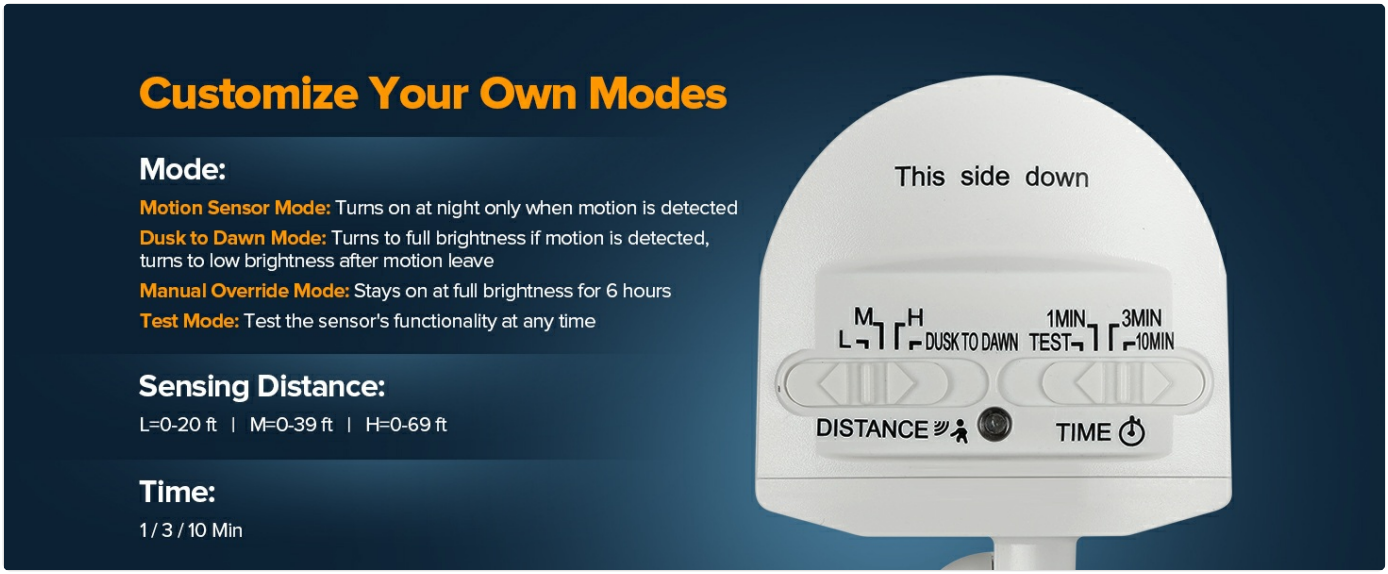


Image: Detailed explanation of Motion Sensor Mode operation.



Image: Detailed explanation of Dusk to Dawn Mode operation.



Image: Detailed explanation of Manual Override Mode operation.

6.2 Motion Sensor Adjustment

The motion sensor has adjustable settings for detection distance and time duration:

- **Sensing Distance (DISTANCE dial):** Adjust sensitivity to detect motion from Low (L: 0-20 ft), Medium (M: 0-39 ft), or High (H: 0-69 ft).
- **Time Duration (TIME dial):** Set how long the light stays on after motion is detected: 1 minute, 3 minutes, or 10 minutes.



Image: High sensitive motion sensor with 180° detection angle and adjustable range up to 69 feet, detecting humans, cars, and animals.



Image: Sensitive motion sensor with a maximum sensing range of 69 feet and a 180° sensing angle, ideal for an installation height of 8.2 feet.

6.3 Adjusting Light Heads

The two LED light heads can be independently adjusted to direct illumination precisely where needed. The motion sensor head can also be adjusted to optimize its detection area.



Image: Adjustable design allowing separate positioning of light heads and motion sensor for customized coverage.

7. Maintenance

To ensure optimal performance and longevity of your UME LED Security Light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the light heads and motion sensor lens with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.
- **No Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture has a long lifespan of up to 50,000 hours.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty wiring; incorrect mode setting; ambient light too high.	Check circuit breaker. Verify wiring connections. Adjust mode dial. Ensure installation in a dark area for motion sensor modes.
Light stays on continuously.	Manual Override Mode selected; constant motion in detection area; faulty sensor.	Switch to Security Mode or Dusk to Dawn Mode. Clear obstructions from detection area. Contact support if sensor is faulty.
Motion sensor not detecting.	Incorrect sensitivity setting; sensor obstructed; incorrect angle; ambient light too high.	Adjust "DISTANCE" dial to a higher sensitivity. Clear obstructions. Adjust sensor head angle. Ensure sufficient darkness for activation.
Light flickers or dims unexpectedly.	Loose wiring connection; power fluctuations; incompatible dimmer (if mistakenly connected).	Check and secure all wiring connections (power off first). Ensure stable power supply. Do not connect to a dimmer switch.

9. Warranty Information

The UME LED Security Light (Model 7601901053-new) comes with a**3-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, accident, misuse, abuse, or unauthorized modifications.
Please retain your proof of purchase for warranty claims.

10. Customer Support

If you have any questions, require technical assistance, or need to make a warranty claim, please contact UME customer support through the retailer where the product was purchased or visit the official UME website for contact information.
For more information, you may visit theUME Store on Amazon.

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