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› BesLowe Motion Sensor Outdoor Light Fixture 1046AR User Manual

BesLowe 1046AR

BesLowe Motion Sensor Outdoor Light Fixture 1046AR User Manual

Model: 1046AR

INTRODUCTION

Thank you for choosing the BesLowe Motion Sensor Outdoor Light Fixture. This manual provides detailed instructions for the safe installation, operation, and maintenance of your new outdoor lighting fixture. Please read this manual thoroughly before installation and retain it for future reference.

IMPORTANT SAFETY INFORMATION

To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts, and other hazards, please read all warnings and instructions included with and on the fixture box and all fixture labels.

- **Turn off power:** Always disconnect power at the circuit breaker or fuse box before installation, servicing, or removing the fixture.
- **Qualified Electrician:** Installation should be performed by a qualified electrician or a person familiar with the construction and operation of the product and the hazards involved.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electrical shock.
- **Wiring:** Inspect supply wire insulation for any cuts, abrasions, or exposed copper that may have occurred during shipping. If there is a defect, do not attempt installation. Contact customer service.
- **Bulb Type:** Use only E26 base bulbs with a maximum wattage of 100W. Dimmable LED bulbs or incandescent bulbs are recommended for optimal performance.
- **Outdoor Use:** This fixture is designed for outdoor use and is weather-resistant. However, ensure all connections are sealed to prevent water intrusion.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- BesLowe Motion Sensor Outdoor Light Fixture (1 unit)

- Mounting Hardware (screws, wire nuts, mounting plate)
- User Manual

PRODUCT OVERVIEW

The BesLowe Motion Sensor Outdoor Light Fixture is a durable and functional lighting solution for your outdoor spaces. It features advanced PIR motion and photocell sensors, offering three distinct lighting modes for energy-efficient illumination.

Key Features:

- **Advanced Motion & Dusk to Dawn Sensor:** Integrates PIR motion and photocell sensors for intelligent lighting control.
- **Three Lighting Modes:** High, Low, and Manual Override for versatile use.
- **Wide Detection Range:** Up to 40 feet sensing distance with a 220° detection angle.
- **Durable Construction:** Crafted from 100% aluminum and sturdy glass for all-weather resistance, anti-rust, and anti-corrosion properties.
- **Easy Installation:** Pre-assembled with all necessary mounting accessories.
- **E26 Socket:** Compatible with various E26 base bulbs (100W Max, bulb not included).
- **Classic Design:** Enhances the aesthetic of garages, porches, patios, and other outdoor areas.



Figure 1: Product Dimensions and Key Components. The fixture measures 7"L x 6"W x 12.6"H. It features a PIR motion sensor at the top, a sturdy aluminum structure, window-design glass panels, and an E26 bulb base.

SETUP & INSTALLATION

This fixture is designed for hard-wired installation. If you are unsure about electrical wiring, consult a qualified electrician.

Tools Required (Not Included):

- Screwdriver
- Wire Strippers
- Electrical Tape
- Safety Glasses

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker controlling the light switch or outlet you are working on and turn it OFF. Ensure power is completely disconnected before proceeding.

2. **Prepare Wiring:** If replacing an existing fixture, carefully remove it. Pull the electrical wires from the junction box.
3. **Attach Mounting Plate:** Secure the mounting plate (included) to the junction box using the provided screws. Ensure it is firmly attached.
4. **Connect Wires:** Connect the fixture's wires to your house's electrical wires using the wire nuts provided:
 - Connect the **black** fixture wire to the **black** (hot) supply wire.
 - Connect the **white** fixture wire to the **white** (neutral) supply wire.
 - Connect the **green or bare copper** fixture wire to the **green or bare copper** (ground) supply wire.

Ensure all connections are secure and cover them with electrical tape if necessary.

5. **Mount Fixture:** Carefully align the fixture with the mounting plate and secure it using the provided screws. Ensure the fixture is flush against the wall and stable.
6. **Install Bulb:** Insert an E26 base bulb (not included, max 100W) into the socket.
7. **Restore Power:** Turn the power back ON at the circuit breaker.



Figure 2: Installed BesLowe Motion Sensor Outdoor Light Fixture. The fixture is designed for wall-mount installation and features an integrated motion sensor.

OPERATING INSTRUCTIONS

The BesLowe Motion Sensor Outdoor Light Fixture offers three lighting modes, selectable via a toggle switch located on the fixture (refer to Figure 3 for switch location).

1. High Mode:

- At night, the light remains at 30% brightness.
- When motion is detected, the light turns to 100% brightness.
- After no motion is detected for a set period, the light returns to 30% brightness.

2. Low Mode:

- At night, the light remains OFF.
- When motion is detected, the light turns to 100% brightness.
- After no motion is detected for a set period, the light turns OFF.



Figure 3: High and Low Motion Detection Lighting Modes. The image shows the behavior of the light in both modes, including the

toggle switch for selection.

3. Manual Override Mode:

- To activate, quickly toggle your wall switch OFF-ON-OFF-ON within 2 seconds.
- The light will stay on at 100% brightness for 6-8 hours, regardless of motion.
- It will automatically turn off at dawn and revert to the previously selected motion detection mode (High or Low).



Figure 4: Manual Override Mode. This mode keeps the light at full brightness for extended periods, suitable for events.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your light fixture.

- **Cleaning:** To clean the fixture, ensure power is OFF. Wipe with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Bulb Replacement:** Ensure power is OFF before replacing the bulb. The open-bottom design allows for easy bulb access. Allow the old bulb to cool before removing. Install a new E26 base bulb (max 100W).

- **Inspection:** Periodically inspect the fixture for any signs of wear, damage, or loose connections. Address any issues promptly.

TROUBLESHOOTING

If you encounter issues with your light fixture, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Light does not turn on at night.	<ol style="list-style-type: none"> 1. Power is off. 2. Bulb is faulty or loose. 3. Photocell sensor is obstructed or faulty. 4. Wiring issue. 	<ol style="list-style-type: none"> 1. Check circuit breaker and wall switch. 2. Replace or tighten bulb. 3. Ensure sensor is clear; test in a dark environment. 4. Consult a qualified electrician.
Motion sensor not detecting.	<ol style="list-style-type: none"> 1. Sensor obstructed. 2. Incorrect mode selected. 3. Sensor range/angle not optimized. 4. Sensor faulty. 	<ol style="list-style-type: none"> 1. Clear any obstructions from the sensor. 2. Ensure High or Low mode is selected. 3. Adjust fixture position if possible; ensure motion is within 220°/40ft range. 4. Contact customer support.
Light stays on continuously.	<ol style="list-style-type: none"> 1. Manual Override mode is active. 2. Constant motion in detection zone. 3. Sensor faulty. 	<ol style="list-style-type: none"> 1. Wait for 6-8 hours or until dawn for mode to reset. Toggle wall switch OFF-ON to reset. 2. Check for objects or activities constantly triggering the sensor. 3. Contact customer support.
Light flickers.	<ol style="list-style-type: none"> 1. Bulb incompatibility or fault. 2. Loose wiring connection. 3. Voltage fluctuations. 	<ol style="list-style-type: none"> 1. Try a different E26 bulb, preferably a dimmable LED or incandescent. 2. Turn off power and check all wire connections. 3. Consult an electrician if voltage issues are suspected.

SPECIFICATIONS

Feature	Detail
Brand	BesLowe
Model Name	1046AR
Product Dimensions	7"L x 6"W x 12.6"H
Item Weight	3.63 pounds
Color	Black
Material	Aluminum, Glass
Style	Classic
Light Fixture Form	Sconce

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Power Source	Hard-wired
Installation Type	Wall Mount
Special Features	100% Aluminum, Anti-Rust, Motion Sensor, Waterproof
Light Source Type	LED (compatible)
Voltage	120 Volts
Bulb Base	E26
Max Wattage	100W
Water Resistance Level	Waterproof
Motion Sensor Range	Up to 40FT
Motion Sensor Angle	220°

WARRANTY INFORMATION

This BesLowe product comes with an extended warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or contact BesLowe customer support directly. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your BesLowe Motion Sensor Outdoor Light Fixture, please contact BesLowe customer support. Refer to the contact information provided on the product packaging or the official BesLowe website.