

## LUTEC B0CSYZ36R5

# LUTEC 34W 3000 Lumen Motion Sensor Outdoor Light Instruction Manual

Brand: LUTEC | Model: B0CSYZ36R5

## 1. INTRODUCTION

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Thank you for choosing the LUTEC 34W 3000 Lumen Motion Sensor Outdoor Light. This advanced LED security light is designed to provide powerful illumination and enhanced safety for your outdoor spaces, such as garages, yards, porches, and driveways. Featuring a highly sensitive motion sensor, unique night light design, and multiple lighting modes, this floodlight offers versatile and efficient outdoor lighting solutions. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your product.



Figure 1: Front view of the LUTEC 34W 3000 Lumen Motion Sensor Outdoor Light.

## 2. IMPORTANT SAFETY INFORMATION

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Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** This product is hardwired and requires connection to your home's electrical system. Installation should be performed by a qualified electrician if you are not familiar with electrical wiring. Always turn off power at the circuit breaker before installation or servicing.
- **Grounding:** Ensure proper grounding to prevent electrical shock. Connect the green wire to the ground wire, black wire to the hot wire, and white wire to the neutral wire.
- **Outdoor Use Only:** This light is designed for outdoor use and is IP65 waterproof, ensuring proper function in various weather conditions (rain, snow, heat, cold). However, avoid submerging the unit in water or directing high-pressure water jets directly at it.
- **Mounting:** Mount the light securely on a stable surface according to local electrical codes and this manual's instructions.
- **LEDs:** Do not stare directly into the LED light source when illuminated, as it may cause eye strain or damage.

### 3. WHAT'S IN THE BOX

Your LUTEC Motion Sensor Outdoor Light package includes the following items:

- LUTEC 34W 3000 Lumen Motion Sensor Outdoor Light Unit
- Mounting Plate (1)
- Mounting Plate Screws (2)
- Wire Nuts (3)
- Rubber Plug (1)
- Foam Pad (1)
- Owner's Manual



Figure 2: Included components and dimensions for installation.

### 4. SPECIFICATIONS

Feature	Specification
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Brand	LUTEC
Model	B0CSYZ36R5
Wattage	34 watts
Brightness	3000 lumen
Color Temperature	5000K Daylight
Motion Sensor Angle	180 degrees
Motion Sensor Distance	Up to 59 feet
Water Resistance Level	IP65 Waterproof
Material	Aluminum
Power Source	Hardwired
Product Dimensions	9.25"L x 8.46"W x 6.1"H

## 5. SETUP AND INSTALLATION

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This floodlight is designed for hardwired wall mounting. A junction box is not included and may be required for proper installation.

1. **Turn Off Power:** Before beginning any electrical work, ensure the power to the circuit is turned off at the main circuit breaker.
2. **Mounting Plate Installation:** Attach the mounting plate to your desired outdoor wall location using the provided mounting plate screws. Ensure it is securely fastened.
3. **Wiring:** Connect the electrical wires from your home to the floodlight's wires using the provided wire nuts. Match the colors: green to ground, black to hot (live), and white to neutral. Ensure all connections are secure and insulated.
4. **Secure the Light Unit:** Align the floodlight unit with the mounting plate and secure it in place.
5. **Adjust Light Heads:** Loosen the adjustment screws on the light heads to position them to your desired angles. Once positioned, tighten the screws to secure them.
6. **Adjust Sensor:** The motion sensor can also be adjusted for optimal coverage.
7. **Restore Power:** Once installation is complete and all connections are secure, turn the power back on at the circuit breaker.

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Video 1: Easy To Install Motion Sensing Floodlight! This video provides a step-by-step guide on how to easily install the LUTEC Motion Sensing Floodlight, highlighting the simplicity of the process.

## 6. OPERATING INSTRUCTIONS

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The LUTEC Motion Sensor Outdoor Light offers various modes and adjustments for customized lighting.

### 6.1 Sensor Controls

The sensor unit features controls for Distance, Time, and a circular ON/OFF switch for the night light.

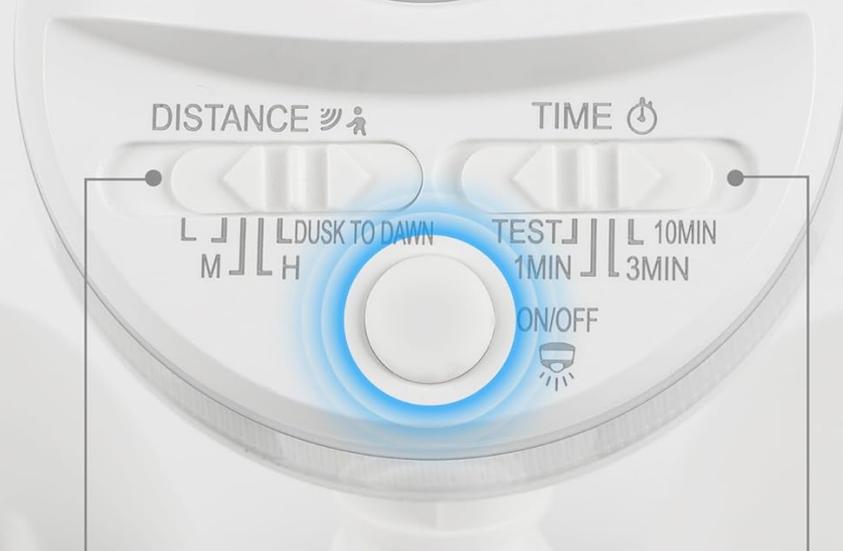
# 4 LIGHTING MODES

Test

Motion

D2D

Manual Override



## Sensitivity

L= 0-20 ft

M= 0-39 ft

H= 0-59 ft

## Time

1 MIN

3 MIN

10 MIN

This light also has a override mode:stays on at 100% brightness for 6 hours

Figure 3: Detailed view of the 4 Lighting Modes and sensor adjustment dials.

- **Distance:** Adjusts the motion detection sensitivity and range (L=0-20 ft, M=0-39 ft, H=0-59 ft).
- **Time:** Sets how long the main floodlight stays on after motion is detected (1 min, 3 min, 10 min).
- **Circular ON/OFF Switch (Night Light):** This switch independently controls the night light on the sensor. In the ON mode, the night light will turn on at night and turn off during the daytime. Note: This switch is not used to control the main motion sensor function.

## 6.2 Lighting Modes

The floodlight offers four versatile lighting modes:

1. **Motion-activated Mode:** The main floodlight turns on at 100% brightness when motion is detected during the night.
2. **Dusk to Dawn Mode with Motion:** The light stays on at 20% brightness throughout the night and brightens to 100% when motion is detected. It returns to 20% brightness after motion ceases.
3. **Manual Override Mode:** The light stays on at 100% brightness for 6 hours, regardless of day or night.
4. **Test Mode:** Used for testing the motion sensor's range and light functionality during installation.

# DUSK TO DAWN MODE



Figure 4: Visual representation of the Dusk to Dawn mode operation.

Video 2: LUTEC 34W 3000 Lumen Motion Sensor Light with Night Light. This video demonstrates the key features of the LUTEC 34W 3000 Lumen Motion Sensor Light, including its night light function and motion detection capabilities.

## 7. MAINTENANCE

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

- **Cleaning:** Clean the light fixture periodically with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically inspect the light for any signs of damage, loose wiring, or wear. If any issues are found, turn off the power at the circuit breaker and consult a qualified electrician for repairs.
- **Lens Care:** Keep the motion sensor lens clean and free from obstructions (e.g., dirt, spiderwebs) to ensure accurate detection.

## 8. TROUBLESHOOTING

If you experience issues with your LUTEC Motion Sensor Outdoor Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power, incorrect wiring, sensor settings	Check circuit breaker. Verify wiring connections. Ensure sensor is not in 'OFF' mode or 'Dusk to Dawn' during daytime.
Light stays on constantly	Continuous motion, incorrect time setting, sensor malfunction	Ensure no constant motion in detection area. Adjust 'Time' setting to a shorter duration. Check if in 'Manual Override' mode.
Light does not detect motion	Obstructions, incorrect distance setting, sensor angle	Clear any obstructions from sensor. Adjust 'Distance' setting to 'H' (High). Reposition sensor for optimal coverage.
Light flickers	Loose wiring, unstable power supply	Turn off power and check all wiring connections for tightness. Consult an electrician if power supply issues are suspected.

## 9. WARRANTY AND SUPPORT

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LUTEC is committed to providing high-quality products and excellent customer service.

- **Warranty:** Please refer to the product packaging or the official LUTEC website for specific warranty details and duration.
- **Customer Support:** For any questions, technical assistance, or issues not covered in this manual, please contact LUTEC's customer service. We provide 7\*24h after-sales service to assist you.

### Contact Information:

Visit the [LUTEC Store on Amazon](#) for more information and support resources.