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› LUTEC 38W 3500 Lumen LED Motion Activated Integrated Dual-Head Floodlight Outdoor Instruction Manual

LUTEC 7635401053-W

Instruction Manual

LUTEC 38W 3500 Lumen LED Motion Activated Integrated Dual-Head Floodlight Outdoor

Model: 7635401053-W | Brand: LUTEC

PRODUCT OVERVIEW

The LUTEC 38W 3500 Lumen LED Motion Activated Integrated Dual-Head Floodlight is designed for outdoor security lighting. It features energy-efficient LED technology, a sensitive motion sensor, and multiple lighting modes to suit various needs. Its durable aluminum construction and IP65 waterproof rating ensure reliable performance in outdoor environments.

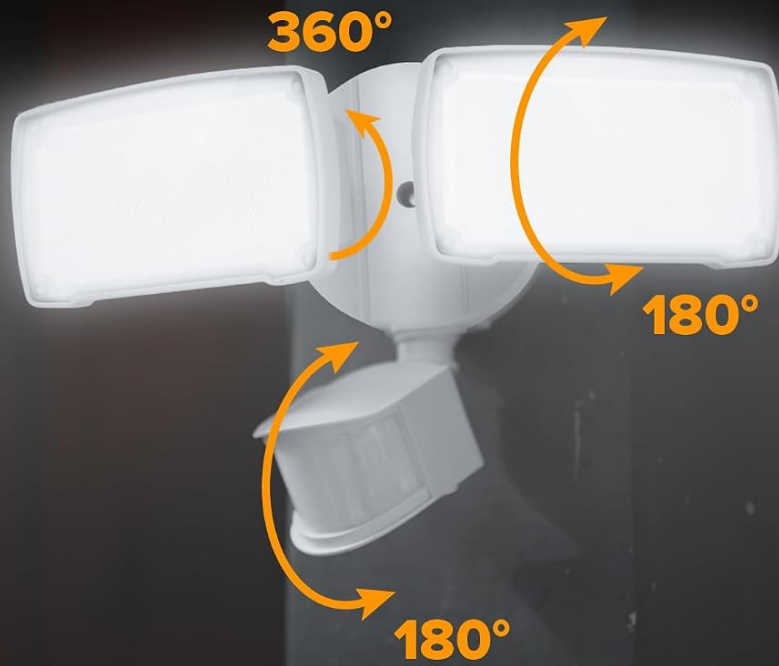


Figure 1: LUTEC 38W Dual-Head Floodlight, showing its two adjustable light heads and integrated motion sensor.

KEY FEATURES

- **Energy Saving:** LED units output 38W, 3500 Lumens, 5000K brightness (daylight white), equivalent to 125W halogen light, saving up to 88% on electricity bills.
- **Motion-Activated:** Wide 180-degree sensing angle detects motion up to 59 feet away. Adjustable timer settings for 1, 3, or 10 minutes.
- **Multiple Lighting Modes:** Includes Test Mode, Security Mode, Dusk to Dawn Mode, and Manual Override Mode for versatile operation.
- **Durable & Adjustable Design:** Constructed from aluminum material with IP65 waterproof rating and 50,000-hour lifespan. Adjustable heads provide customizable coverage.

LED SECURITY LIGHT



38 W



5000K

COLOR TEMP



SUPER LIGHT
3500 LUMEN

Figure 2: Illustration of the floodlight's adjustable heads (360° rotation, 180° vertical adjustment) and key specifications: 38W power, 5000K color temperature, and 3500 lumens brightness.

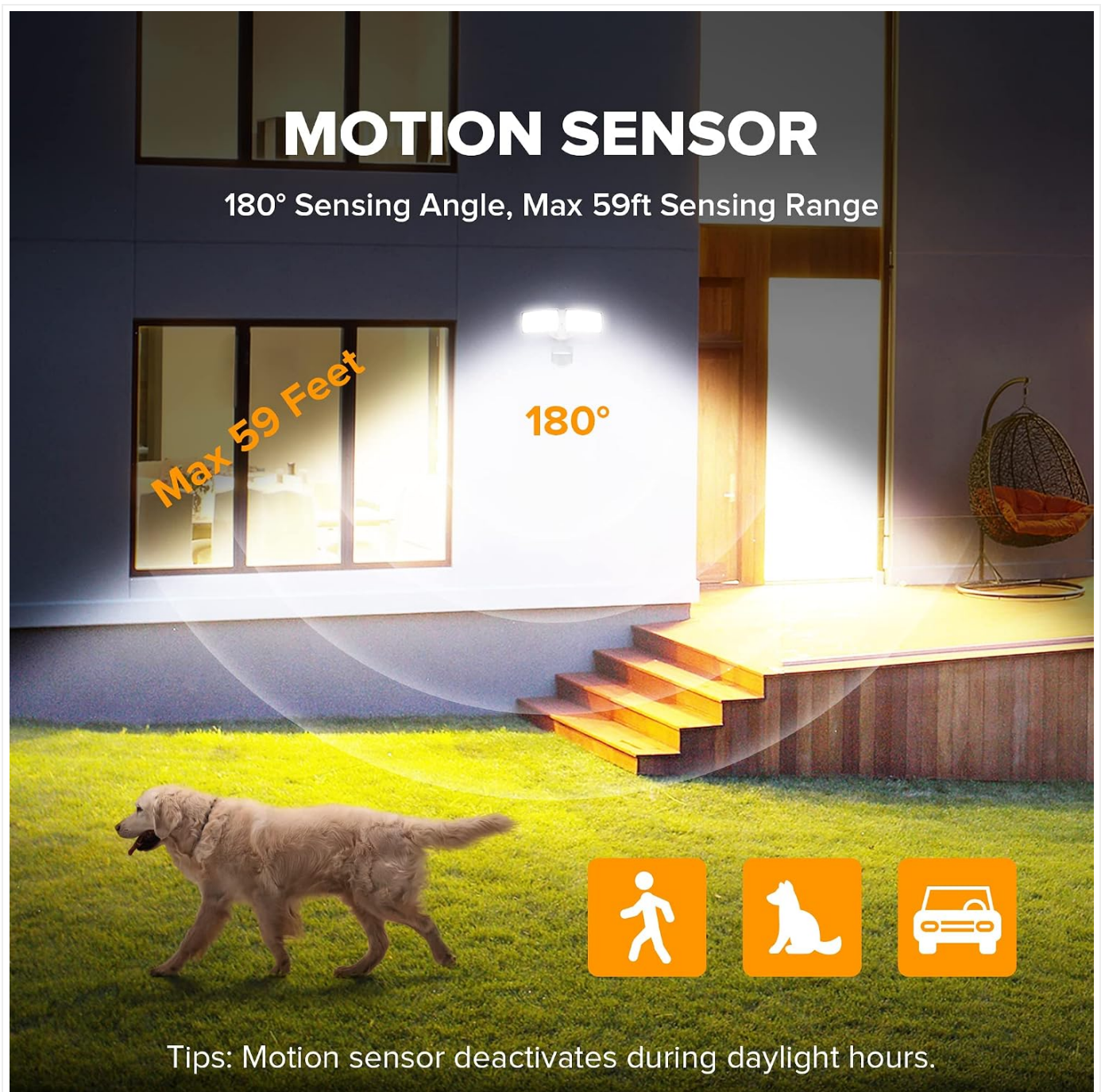


Figure 3: Depiction of the motion sensor's 180-degree sensing angle and maximum 59-foot detection range, suitable for detecting people, pets, and vehicles. Note: Motion sensor deactivates during daylight hours.

PACKAGE CONTENTS

Please verify that all components are present before beginning installation.

- LUTEC Dual-Head Floodlight (Integrated LED)
- Mounting Hardware (screws, wire nuts, mounting plate)
- Gasket



Figure 4: Visual representation of included accessories: wire nuts, mounting screws, mounting bracket, and gasket.

SPECIFICATIONS

Attribute	Detail
Brand	LUTEC
Model Name	7635401053-W
Color	White
Material	Aluminum
Light Source Type	LED (Integrated)
Wattage	38 Watts
Brightness	3500 Lumens
Color Temperature	5000 Kelvin (Daylight White)
Motion Sensor Angle	180 Degrees
Motion Sensor Range	Up to 59 feet
Lifespan	50,000+ Hours
Water Resistance Level	IP65 Waterproof
Installation Type	Wall Mount
Product Dimensions	6.52"L x 5.39"W x 10.43"H
Item Weight	2.09 Pounds



Figure 5: Overview of the floodlight's features including motion sensor, dusk to dawn, metal finish, adjustable heads, wet location rating, and long lifespan.

SETUP AND INSTALLATION

For detailed installation instructions, please refer to the official Installation Manual PDF provided by LUTEC. This manual contains comprehensive diagrams and step-by-step guidance for safe and proper setup.

Important Safety Note: Always turn off power at the circuit breaker before beginning any electrical installation. If you are unsure about any steps, consult a qualified electrician.

You can access the Installation Manual here:[LUTEC Floodlight Installation Manual \(PDF\)](#)

EASY TO INSTALL



Figure 6: Illustration showing the ease of installation for the floodlight on a wall surface.

OPERATING MODES

The LUTEC floodlight offers four distinct operating modes, adjustable via controls located on the motion sensor unit. Refer to Figure 7 for control locations.

CHOOSE YOUR OWN MODES



Sensitivity

L= 0-20 ft

M= 0-39 ft

H= 0-59 ft

Time

1 MIN

3 MIN

10 MIN

This light also has an **Override Mode**: stays on at 100% brightness for 6 hours.

Figure 7: Close-up of the motion sensor unit showing the Sensitivity (Distance) and Time adjustment dials. Sensitivity settings include L (0-20 ft), M (0-39 ft), and H (0-59 ft). Time settings include 1, 3, and 10 minutes.

1. Test Mode

Used for initial setup and testing of the motion sensor and light coverage. In this mode, the light will turn on for a short duration (typically a few seconds) each time motion is detected, regardless of ambient light conditions.

2. Security Mode

The light will only activate when motion is detected during nighttime hours. The duration the light stays on is determined by the 'Time' setting (1, 3, or 10 minutes). This mode is ideal for deterring intruders and providing light only when needed.

3. Dusk to Dawn Mode

In this mode, the light automatically turns on at a low brightness level at dusk and stays on throughout the night. When motion is detected, the light will temporarily switch to full brightness for the set duration (1, 3, or 10 minutes), then return to low brightness. The light turns off automatically at dawn.

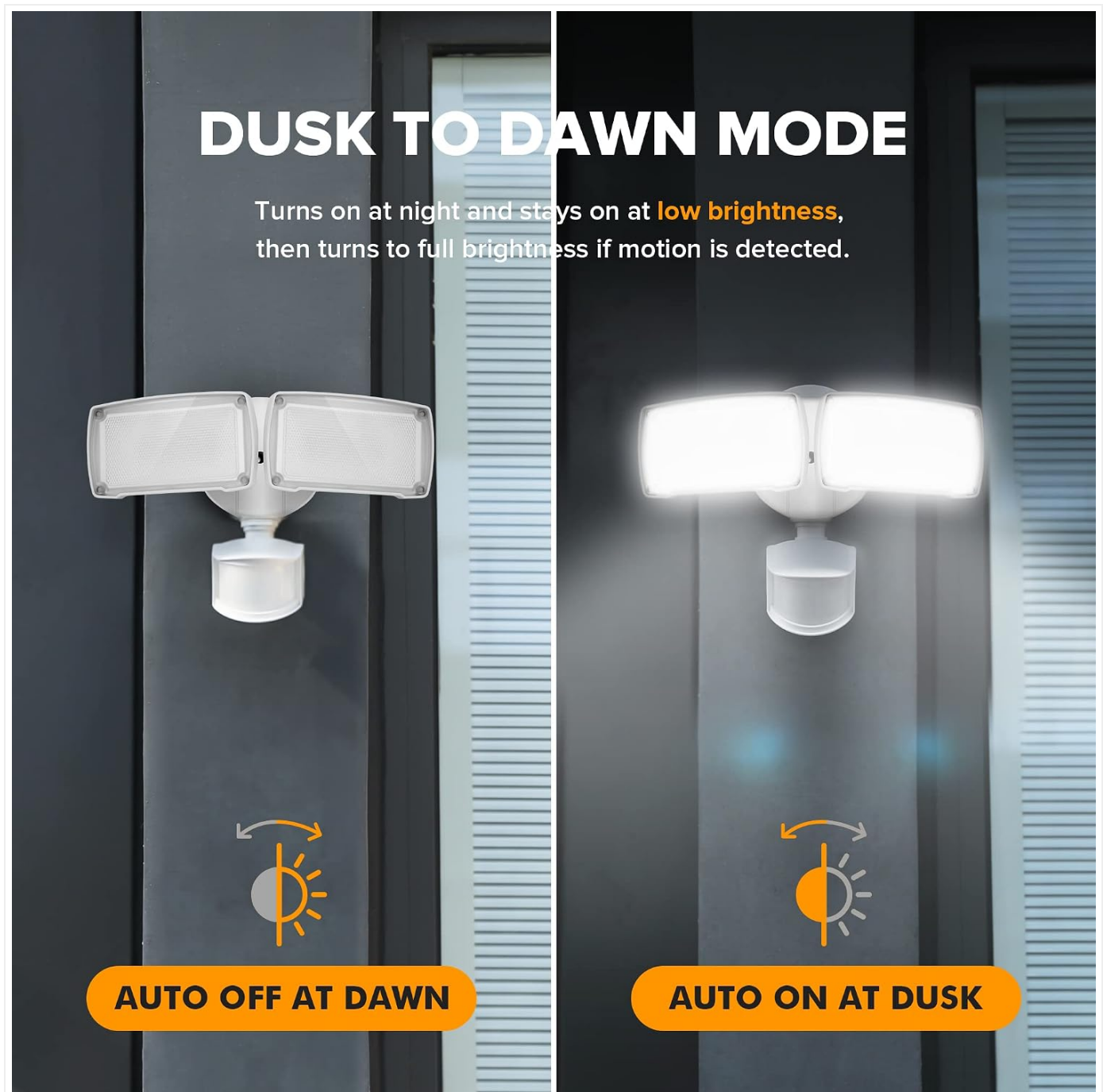


Figure 8: Visual explanation of the Dusk to Dawn mode, showing the light automatically turning on at low brightness at dusk and off at dawn, with full brightness activation upon motion detection.

4. Manual Override Mode

This mode allows the light to operate constantly at 100% brightness for a selected period (typically 6 hours, though this can vary based on specific model and settings). This is useful when continuous illumination is desired, such as during outdoor gatherings. To activate, quickly turn the light switch OFF then ON. To deactivate, turn the light switch OFF then ON again, or wait for the set override period to expire.

MAINTENANCE

The LUTEC floodlight is designed for minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Periodically clean the light fixture and motion sensor lens with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electronic components.

- **Inspection:** Regularly inspect the wiring and mounting hardware for any signs of wear, damage, or loosening. Ensure the gasket is properly seated to maintain the IP65 waterproof rating.
- **LEDs:** The LED light source is integrated and not user-replaceable. With a lifespan of 50,000+ hours, replacement should not be necessary under normal use.



Figure 9: The floodlight's IP65 waterproof rating ensures protection against dust and water jets, making it suitable for outdoor use in various weather conditions. A gasket is provided for secure sealing.

TROUBLESHOOTING

If you encounter issues with your LUTEC floodlight, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Light does not turn on at night.	Power is off. Sensor is in Test Mode or Manual Override. Ambient light is too high (Dusk to Dawn sensor). Motion sensor sensitivity is too low.	Check circuit breaker. Switch to Security or Dusk to Dawn Mode. Ensure sensor is not obstructed by other light sources. Adjust sensitivity dial to 'H' (High).
Light stays on continuously.	Manual Override Mode is active. Motion sensor is continuously triggered. Wiring issue.	Cycle power (OFF then ON) to exit Manual Override. Adjust sensor angle or sensitivity to avoid constant triggers (e.g., moving branches, traffic). Consult the installation manual or a qualified electrician.
Light flickers or dims.	Unstable power supply. Loose wiring connection. Extreme temperature conditions.	Ensure stable power. Check all wiring connections (power off first). Ensure operating within specified temperature range.

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

WARRANTY AND SUPPORT

LUTEC provides a **5-year warranty** on this product, ensuring quality and reliability. For any issues or inquiries, please utilize the following support channels:

- **Customer Service:** We provide 7*24h after-sales service. Contact us if any issue arises.
- **Online Support:** Visit the official LUTEC store on Amazon for FAQs and additional product information [LUTEC Amazon Store](#)
- **Installation Manual:** For detailed setup and wiring instructions, download the PDF manual: [Installation Manual \(PDF\)](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question