

LUTEC 3 Heads Motion Sensor & Dusk to Dawn Flood Light

LUTEC 3 Heads Motion Sensor & Dusk to Dawn Flood Light User Manual

Model: 3 Heads Motion Sensor & Dusk to Dawn Flood Light

1. INTRODUCTION

Thank you for choosing the LUTEC 3 Heads Motion Sensor & Dusk to Dawn Flood Light. This manual provides essential information for the safe installation, operation, and maintenance of your new flood light. Please read these instructions thoroughly before installation and retain them for future reference.

This outdoor flood light is designed to provide powerful illumination with its 3 adjustable heads, offering both motion-sensing capabilities for security and a dusk-to-dawn mode for continuous nighttime lighting. Its robust construction ensures reliable performance in various outdoor conditions.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.

- All wiring connections must be in accordance with local electrical codes and ordinances. Consult a qualified electrician if you are unsure about the installation process.
- Ensure the supply voltage is correct (120V AC) before connecting the fixture.
- Do not install on surfaces that are not structurally sound.
- This fixture is designed for outdoor use and is IP65 waterproof rated. However, ensure all connections are properly sealed to prevent water ingress.
- Do not look directly into the operating LED lights, as this may cause eye damage.
- Keep flammable materials away from the light fixture.

3. PRODUCT FEATURES

- **Super Bright Illumination:** 75W output delivering 8000 lumens of 5000K cool white light.
- **Dusk to Dawn Sensor:** Automatically turns the light on at dusk and off at dawn.

- **Motion Sensor:** Detects movement to activate the light, enhancing security.
- **Flexible Design:** Three adjustable heads allow for customizable coverage.
- **Durable Construction:** Made from aluminum with a multi-groove design for excellent heat dissipation, ensuring a long lifespan of up to 50,000 hours.
- **IP65 Waterproof:** Designed to withstand rain, snow, and heat, suitable for various outdoor environments.

4. SETUP AND INSTALLATION

Before beginning installation, ensure the power is turned off at the circuit breaker.

4.1 Tools Required (Not Included)

- Screwdriver
- Wire strippers
- Pliers
- Electrical tape
- Safety glasses

4.2 Installation Steps

1. **Prepare Wiring:** Turn off power at the main circuit breaker. Ensure the junction box is securely mounted to the wall or ceiling.
2. **Mounting Bracket:** Attach the mounting bracket to the junction box using the provided screws.
3. **Wire Connections:** Connect the flood light's wires to your household wiring. Typically, this involves:
 - Connect the **Live Wire** (usually black) from the fixture to the live wire from the junction box.
 - Connect the **Neutral Wire** (usually white) from the fixture to the neutral wire from the junction box.
 - Connect the **Earth Wire** (usually green or bare copper) from the fixture to the earth wire from the junction box.

Secure connections with wire nuts and electrical tape.

4. **Attach Fixture:** Carefully tuck the wires into the junction box and attach the flood light fixture to the mounting bracket. Secure it with the provided screws.
5. **Adjust Heads:** Adjust the three light heads to direct illumination to your desired areas.
6. **Restore Power:** Turn the power back on at the circuit breaker.

8000LM 75W Super Brightness

Dusk to Dawn Outdoor Lighting



Image: Installation diagram illustrating the connection of live, neutral, and earth wires to the junction box. This image shows the hardwired connection process for the flood light.

5. OPERATING INSTRUCTIONS

The LUTEC flood light offers multiple operating modes. Please refer to the controls on your specific unit for mode selection, which may include switches or dials for sensitivity and time settings.

5.1 Dusk to Dawn Mode

In this mode, the built-in sensor detects ambient light levels. The flood light will automatically turn on at full brightness when it gets dark (dusk) and remain on throughout the night. It will then automatically turn off when daylight returns (dawn).

EASY TO INSTALL



*Hardwired needed, junction box not included

Image: This image visually demonstrates the Dusk to Dawn operating mode, showing the flood light automatically turning on as darkness falls and turning off with the arrival of daylight. Note: In this specific mode, the motion sensor is typically inactive.

5.2 Motion Sensor Mode

When activated, the motion sensor detects movement within its detection range and angle. Upon detection, the light will turn on for a set duration (adjustable via controls on the fixture) and then turn off if no further motion is detected. This mode is ideal for security and energy saving.

Refer to the specific controls on your fixture to adjust motion sensitivity and the duration the light stays on after motion detection.

6. MAINTENANCE

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

- **Cleaning:** Periodically clean the light heads and sensor lens with a soft, damp cloth to remove dirt, dust, or debris. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Annually inspect the wiring and connections for any signs of wear, damage, or corrosion. Ensure all mounting screws are tight.
- **LEDs:** The LED light source is designed for long-term use and is not user-replaceable. If the LEDs

fail, the entire fixture may need replacement.

7. TROUBLESHOOTING

If you encounter issues with your flood light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	No power; Dusk to Dawn sensor obstructed; Incorrect mode selection.	Check circuit breaker; Ensure sensor is clear of obstructions; Verify operating mode.
Light stays on during the day.	Dusk to Dawn sensor obstructed or faulty.	Clear any obstructions from the sensor; If problem persists, contact support.
Motion sensor not detecting movement.	Sensor obstructed; Sensitivity setting too low; Incorrect mode selection.	Clear sensor lens; Adjust sensitivity setting; Ensure motion sensor mode is active.
Light flickers or dims.	Loose wiring connection; Voltage fluctuations.	Turn off power and check all wire connections; Consult an electrician if voltage issues are suspected.

8. SPECIFICATIONS

The following table details the technical specifications of the LUTEC 3 Heads Motion Sensor & Dusk to Dawn Flood Light:

Feature	Detail
Brand	LUTEC
Model	3 Heads Motion Sensor & Dusk to Dawn Flood Light
Color	White
Material	Aluminum
Light Source Type	LED
Number of Light Sources	3
Wattage	75 watts
Brightness	8000 lumen
Light Color	5000K (Cool White)
Voltage	120 Volts (AC)
Control Method	Motion Sensor, Dusk to Dawn Sensor

Feature	Detail
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	IP65 Waterproof
Lifespan	Up to 50,000 hours

9. WARRANTY AND SUPPORT

LUTEC provides high-quality products and customer service. For specific warranty details, please refer to the product packaging or contact LUTEC customer support directly. If you have any questions or require assistance with your flood light, please reach out to our support team.

Contact Information: Please visit the official LUTEC website or refer to your purchase documentation for the most current customer support contact details.

10. PRODUCT OVERVIEW IMAGES



Image: Top-down view of the LUTEC 3-head flood light, showcasing its adjustable heads and integrated motion sensor.



Image: Front view of the flood light, highlighting the three distinct light panels and the central motion sensor unit.



Image: Bottom-up perspective of the flood light, showing the underside of the adjustable heads and the sensor.

IP65 Waterproof

Work Well in All Weather



Heat Resistant



Frost Resistant



Water Resistant



Anti-Rust

Image: The flood light mounted above a garage door, illustrating its powerful 8000 lumen, 75W illumination at 5000K color temperature.

Dusk to Dawn Mode

No Motion Sensor / No Solar / No Camera



AUTO OFF AT DAWN



AUTO ON AT DUSK

Image: Visual representation of the flood light's IP65 waterproof rating, highlighting its resistance to heat, frost, water, and rust for all-weather performance.

Related Documents - 3 Heads Motion Sensor & Dusk to Dawn Flood Light

LUTEC

Model Number: #7632801053 / #7632801012

Wet Location Motion Sensor Flood Light Installation and Operation Manual

WARNING: ADVERTENCIA DE SEGURIDAD
This manual provides comprehensive instructions for the LUTEC #7632801053/7632801012 outdoor wet location motion sensor light, covering installation, operation modes, safety warnings, and service information.

[LUTEC #7632801053/7632801012 Wet Location Motion Sensor Light Installation and Operation Manual](#)

This manual provides comprehensive instructions for the LUTEC #7632801053/7632801012 outdoor wet location motion sensor light, covering installation, operation modes, safety warnings, and service information.

 <p>LUTEC SOLAR WALL LANTERN Owners Manual MODEL #6988804012</p> <p>IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</p>	<p>LUTEC 6988804012 Solar Wall Lantern: Owner's Manual & Installation Guide</p> <p>Comprehensive owner's manual and installation guide for the LUTEC 6988804012 Solar Wall Lantern. Learn about package contents, safety, installation, operation modes, battery replacement, maintenance, and troubleshooting.</p>
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 <p>LUTEC Wet Location Flood Light Owners Manual MODEL #7621101053</p> <p>IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</p>	<p>LUTEC 7621101053 Wet Location Flood Light Installation and Operation Manual</p> <p>This manual provides instructions for the installation, operation, and maintenance of the LUTEC 7621101053 Wet Location Flood Light. It covers safety precautions, mode settings, and troubleshooting.</p>
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 <p>LUTEC Wet Location Flood Light Owners Manual MODEL #7632802053/7632802012</p> <p>IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</p>	<p>LUTEC 7632802053/7632802012 Wet Location Installation Guide</p> <p>This document provides installation instructions for the LUTEC 7632802053/7632802012 wet location light fixture. It includes safety warnings and step-by-step assembly guidance.</p>
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 <p>LUTEC LED FLOODLIGHT Owners Manual MODEL #P6221B/P6221W</p> <p>IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</p>	<p>LUTEC P6221B/P6221W LED Floodlight Owners Manual and Installation Guide</p> <p>Comprehensive owners manual for LUTEC P6221B and P6221W LED Floodlights. Includes safety warnings, installation steps, troubleshooting, and 3-year limited warranty information.</p>
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 <p>LUTEC Doblo User Manual Owners Manual</p> <p>IMPORTANT, RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</p>	<p>LUTEC Doblo User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the LUTEC Doblo lighting fixture, covering technical data, safety instructions, first use, function, and battery replacement in multiple languages.</p>
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