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> [LUTEC LED Dual-Head Floodlight Instruction Manual](#)

LUTEC 5f12da6c-f644-423c-991d-4f123e07b51e

LUTEC LED Dual-Head Floodlight Instruction Manual

Model: 5f12da6c-f644-423c-991d-4f123e07b51e

IMPORTANT SAFETY INFORMATION

Please read and understand all instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause property damage or personal injury.

- Always disconnect power at the circuit breaker before installation or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only UL-listed wire connectors.
- Ensure all electrical connections are secure and properly insulated.
- Do not install near combustible materials or in areas with explosive atmospheres.
- Do not attempt to modify the fixture. Any modifications will void the warranty.

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- LUTEC LED Dual-Head Floodlight (1 unit)
- Mounting Hardware Kit (screws, wire nuts)
- Instruction Manual (this document)

PRODUCT OVERVIEW

The LUTEC LED Dual-Head Floodlight is an integrated outdoor security light designed for efficient illumination of patios, gardens, and yards. It features adjustable heads and a dusk-to-dawn sensor for automated operation.



Figure 1: Front view of the LUTEC LED Dual-Head Floodlight, showcasing its two rectangular light heads and central mounting base.

Key Features

- **Energy Efficient:** 32W LED unit providing 3500 Lumens of 5000K daylight white illumination.
- **Dusk to Dawn Sensor:** Automatically turns the light on at dusk and off at dawn.
- **Adjustable Dual Heads:** 360° adjustable light heads allow for customizable coverage.
- **Durable Construction:** Designed for excellent heat dissipation, extending lifespan to over 50,000 hours.
- **Waterproof:** IP54 rated for outdoor use in various weather conditions.



Figure 2: Illustration of the dusk-to-dawn functionality, showing the light off during the day and on at night.

ADJUSTABLE HEADS PROVIDE DIRECTIONAL LIGHT



Figure 3: Side view of the floodlight demonstrating the adjustable light heads, allowing for directional light output.

INSTALLATION INSTRUCTIONS

Before You Begin

- Ensure the power is OFF at the circuit breaker.
- Prepare necessary tools: screwdriver, wire strippers, electrical tape, ladder (if needed).
- Identify the mounting location, ensuring it is a suitable outdoor electrical box.

Mounting the Fixture

1. Remove the mounting plate from the back of the fixture.
2. Attach the mounting plate to the electrical box using the provided screws. Ensure it is securely fastened.
3. Connect the electrical wires:
 - Connect the black wire from the fixture to the black (hot) wire from the electrical box using a wire nut.
 - Connect the white wire from the fixture to the white (neutral) wire from the electrical box using a wire nut.

- Connect the green (ground) wire from the fixture to the bare copper or green ground wire from the electrical box using a wire nut.
4. Carefully tuck all wires into the electrical box.
 5. Align the fixture with the mounting plate and secure it with the provided screws. Ensure a tight seal against the mounting surface to prevent water intrusion.
 6. Restore power at the circuit breaker.



Figure 4: A person securing the floodlight to a wall, illustrating the final step of installation.

OPERATING INSTRUCTIONS

Dusk to Dawn Functionality

The LUTEC LED Dual-Head Floodlight is equipped with an integrated photocell sensor for automatic dusk-to-dawn operation. Once power is supplied to the fixture, it will:

- Automatically turn ON at full brightness when ambient light levels drop (dusk).
- Remain ON throughout the night.
- Automatically turn OFF when ambient light levels increase (dawn).

No manual intervention is required for this mode of operation.

Adjusting Light Heads

The two light heads can be independently adjusted to direct illumination where needed. Loosen the adjustment screws on the side of each light head, position the head to the desired angle, and then tighten the screws to secure it. The heads offer 360° rotation and tilt capabilities.

MAINTENANCE

This LED floodlight requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose wiring, or wear. If any issues are found, disconnect power and consult a qualified electrician.
- **LEDs:** The integrated LED lights are designed for long life and are not user-replaceable.



Figure 5: The floodlight operating in rainy conditions, demonstrating its waterproof design.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Light does not turn on at night.	<ol style="list-style-type: none">1. Power is off.2. Photocell sensor is obstructed or receiving too much light.3. Faulty wiring.	<ol style="list-style-type: none">1. Check circuit breaker.2. Ensure photocell is clear and not exposed to other light sources (e.g., streetlights).3. Verify wiring connections (consult an electrician if unsure).
Light stays on during the day.	<ol style="list-style-type: none">1. Photocell sensor is obstructed or in a shaded area.2. Photocell sensor is faulty.	<ol style="list-style-type: none">1. Ensure photocell is clear and exposed to sufficient daylight.2. Contact customer support for assistance.
Light flickers or dims.	<ol style="list-style-type: none">1. Loose wiring connection.2. Voltage fluctuations.3. Internal component issue.	<ol style="list-style-type: none">1. Check and secure all wiring connections (power off first).2. Consult an electrician to check household voltage.3. Contact customer support.

SPECIFICATIONS

Technical details for the LUTEC LED Dual-Head Floodlight.

2-HEAD LED FLOODLIGHT

32W 2*21LEDS



Figure 6: Visual representation of key specifications including dimensions, light output, and color temperature.

Feature	Detail
Brand	LUTEC
Model Number	5f12da6c-f644-423c-991d-4f123e07b51e
Light Source Type	Integrated LED
Wattage	32 Watts
Brightness	3500 Lumens
Color Temperature	5000K (Daylight White)
Voltage	120 Volts
Control Method	Dusk to Dawn Sensor
Material	Metal, Plastic (Aluminium+PC shade)
Water Resistance Level	IP54 Waterproof

Feature	Detail
Item Weight	1.65 Pounds
Dimensions (Package)	7.64 x 5.63 x 5.55 inches
Lifespan	50,000+ Hours

WARRANTY AND SUPPORT

Warranty Information

This LUTEC LED Dual-Head Floodlight comes with a 5-year limited warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty inquiries, please contact LUTEC customer service. We provide 7*24 hour after-sales service to ensure your satisfaction.

Please refer to the official LUTEC website or your purchase documentation for specific contact details.

Related Documents - 5f12da6c-f644-423c-991d-4f123e07b51e

 <p>LUTEC Wet Location Flood Light MODEL #7621101053</p> <p>WARNING/AVVERTIMENTI/ADVERTENCIA</p> <p>Consulte el manual de instrucciones para obtener información importante sobre la instalación, el uso y el mantenimiento de este producto. Lea detenidamente el manual de instrucciones antes de instalar o utilizar el producto. Este manual de instrucciones debe permanecer con el producto para futuras referencias.</p> <p>Consulte el manual de instrucciones para obtener información importante sobre la instalación, el uso y el mantenimiento de este producto. Lea detenidamente el manual de instrucciones antes de instalar o utilizar el producto. Este manual de instrucciones debe permanecer con el producto para futuras referencias.</p> <p>Consulte el manual de instrucciones para obtener información importante sobre la instalación, el uso y el mantenimiento de este producto. Lea detenidamente el manual de instrucciones antes de instalar o utilizar el producto. Este manual de instrucciones debe permanecer con el producto para futuras referencias.</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>
 <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>
 <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>

