

LUTEC 6222B

LUTEC 6222B Dual-Head LED Floodlight Instruction Manual

Model: 6222B | Brand: LUTEC

1. PRODUCT OVERVIEW

The LUTEC 6222B Dual-Head LED Floodlight is designed for outdoor use, providing bright and adjustable illumination for various areas such as patios, gardens, and yards. This fixture features a durable full metal design and is waterproof for reliable exterior security lighting.



Image: Front view of the LUTEC 6222B Dual-Head LED Floodlight.

2. SAFETY INFORMATION

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

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- Ensure all electrical connections are made in accordance with local codes, ordinances, and the National Electric Code (NEC).
- Consult a qualified electrician if you are unsure about the installation process.
- Do not install near combustible materials.

3. PACKAGE CONTENTS

- LUTEC 6222B Dual-Head LED Floodlight (1)
- Mounting Hardware (screws, wire nuts, mounting bracket)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your floodlight. It is recommended to have basic electrical knowledge or consult a professional.

1. **Turn off Power:** Before starting, ensure the power to the installation area is turned off at the circuit breaker or fuse box.
2. **Prepare Mounting Surface:** The floodlight is designed for wall-mount installation. Ensure the mounting surface is stable and can support the fixture.
3. **Install Mounting Bracket:** Attach the provided mounting bracket to the junction box. The bracket typically aligns with existing screw holes on standard junction boxes.

EASY INSTALLATION



Image: Illustration of the mounting bracket and junction box dimensions (2.28"-3.66" range between screws).

4. **Make Electrical Connections:** Connect the floodlight's wires to your household wiring.
 - Connect the **black** wire from the fixture to the **black** (live) wire from the junction box.
 - Connect the **white** wire from the fixture to the **white** (neutral) wire from the junction box.
 - Connect the **green** or bare copper (ground) wire from the fixture to the **ground** wire from the junction box.
 - Secure connections with wire nuts.
5. **Mount the Fixture:** Carefully align the floodlight fixture with the mounting bracket and secure it with the provided screws. Ensure a tight seal to prevent water intrusion.

Product Size



Image: A person securing the floodlight fixture to the wall with a screwdriver.

6. **Seal the Box:** Use the provided silicone button or gasket to seal any screw holes or gaps around the mounting plate to ensure weather resistance.
7. **Restore Power:** Once installation is complete and secure, restore power at the circuit breaker.

For a visual guide on installation, please refer to the official product video below:

Your browser does not support the video tag.

Video: Official LUTEC product overview and installation demonstration. This video showcases the floodlight's features and provides a visual guide to its setup.

5. OPERATING INSTRUCTIONS

The LUTEC 6222B floodlight is designed for straightforward operation.

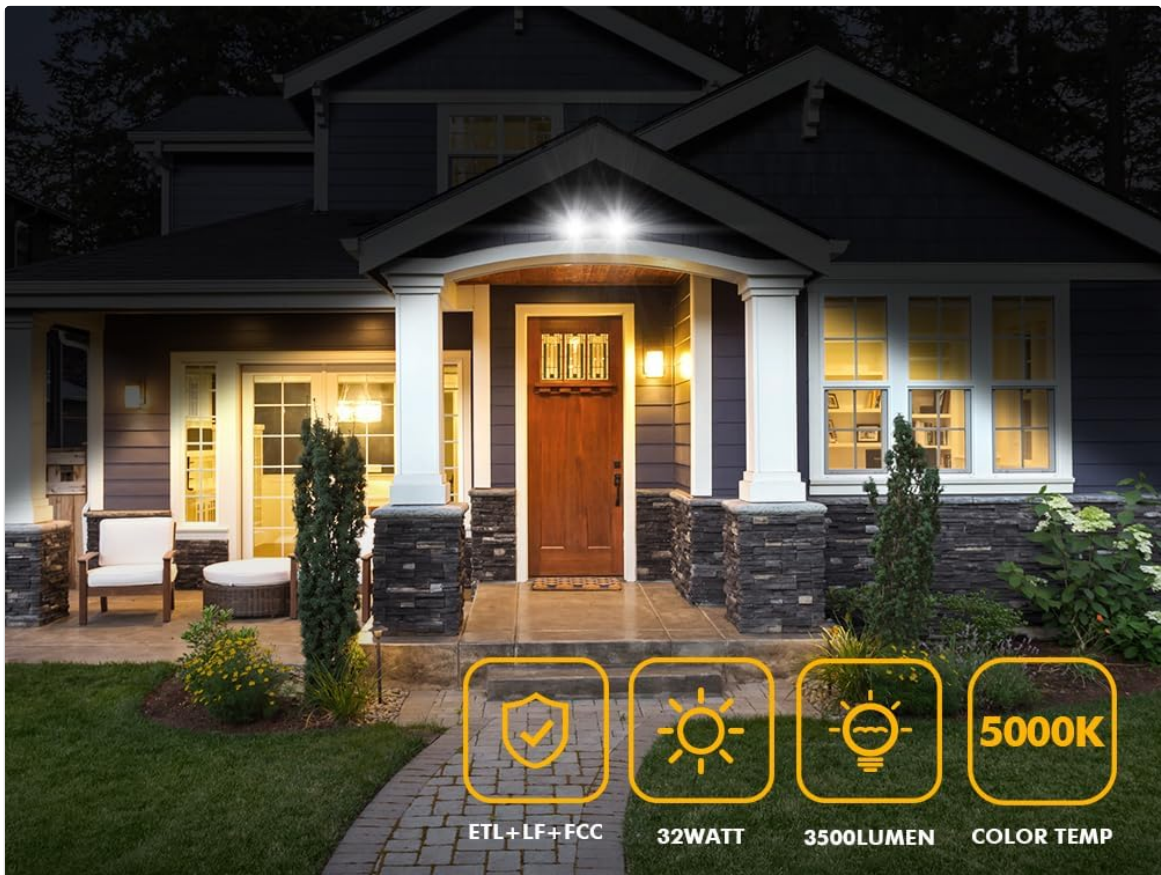
- **Power On/Off:** The floodlight is controlled by a standard wall switch (not included). Flip the switch to turn the light on or off.

SOLID MATERIAL: ALUMINIUM+PC



Image: Depiction of a wall switch controlling the floodlight, indicating hardwired operation without motion sensor or dusk-to-dawn features.

- **Adjusting Light Heads:** The dual light heads are 360° adjustable, allowing you to direct illumination precisely where needed.
 - a. Loosen the adjustment knob on each light head.
 - b. Pivot the light head to the desired angle.
 - c. Tighten the adjustment knob to secure the head in place.



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Image: The floodlight heads demonstrating their adjustable range, allowing for customized light direction.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LUTEC floodlight.

- **Cleaning:** Clean the fixture periodically with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electrical components.
- **Waterproof Design:** The fixture is rated IP65 waterproof, making it suitable for wet outdoor locations. Ensure all seals and connections remain intact to maintain its waterproof integrity.

ADJUSTABLE DESIGN



Image: The floodlight operating in rainy conditions, highlighting its IP65 waterproof rating.

- **LED Longevity:** The integrated LED lights are designed for long-term use and are not user-replaceable. If the LEDs fail, the entire fixture typically needs replacement.
- **Material Durability:** Constructed from aluminum and polycarbonate (PC), the floodlight is built for durability and resistance to outdoor elements.

WET LOCATION



IP65
WATERPROOF

Image: Diagram illustrating the solid aluminum and PC material construction of the LUTEC floodlight, emphasizing durability.

7. TROUBLESHOOTING

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

- **Light does not turn on:**

- Check the circuit breaker to ensure power is supplied to the fixture.
- Verify all electrical connections are secure and correctly wired.
- Ensure the wall switch is in the "ON" position.

- **Light is dim or flickers:**

- Confirm stable power supply.
- Check for loose wiring connections.
- If the issue persists, the LED driver or fixture may require replacement.

- **Water inside the fixture:**

- Immediately disconnect power.
- Inspect all seals and mounting points for proper installation and damage. Re-seal or replace if

necessary.

For issues not covered here, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	6222B
Material	Aluminum, Polycarbonate (PC)
Dimensions (L x W x H)	9.29" x 6.14" x 4.6"
Wattage	32 Watts
Brightness	3500 Lumens
Color Temperature	5000K Daylight White
Voltage	120 Volts
Water Resistance Level	IP65 Waterproof
Light Source Type	Integrated LED (Non-replaceable)
Adjustability	360° adjustable dual heads
Installation Type	Wall Mount, Hardwired
Certifications	FCC, ETL, Energy Star, CE, UL

SWITCH CONTROL

No Motion Sensor, No Dusk to Dawn

Hardwire need



Image: Detailed product dimensions of the LUTEC 6222B floodlight.

9. WARRANTY AND SUPPORT

LUTEC stands behind the quality of its products.

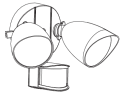
- **Warranty:** This product comes with a 5-year warranty, ensuring coverage against manufacturing defects.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact LUTEC customer service. We provide 7*24h after-sales service.
- **Contact Information:** Please refer to the product packaging or the official LUTEC website for the most current contact details.

Related Documents - 6222B

<div>LUTEC</div> <div>Motion-Activated Floodlight #7632812012</div> <div>WET LOCATION FLOODLIGHT OWNER'S MANUAL</div> <div>IMPORTANT! READ CAREFULLY:</div> <div>WARNING: Read Carefully!</div>	<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>
<div>LUTEC</div> <div>LED FLOODLIGHT Owners Manual</div> <div>MODEL #P6221B/P6221W</div> <div></div> <div>IMPORTANT! RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</div>	<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>
<div>LUTEC</div> <div>LED FLOODLIGHT Owners Manual</div> <div>MODEL #7632815012/7632815053</div> <div></div> <div>IMPORTANT! RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</div>	<p>LUTEC LED Floodlight Owners Manual Models 7632815012/7632815053</p> <p>Comprehensive owners manual for LUTEC LED Floodlights, models 7632815012 and 7632815053. Includes safety information, preparation, installation instructions, operating instructions, care and maintenance, troubleshooting, and warranty details.</p>
<div>LUTEC</div> <div>LED FLOODLIGHT Owners Manual</div> <div>MODEL #7632814012/7632814053</div> <div></div> <div>IMPORTANT! RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</div>	<p>LUTEC LED Floodlight Owners Manual</p> <p>Owners manual for the LUTEC LED Floodlight, Model #7632814012/7632814053. Includes safety information, package contents, hardware contents, installation instructions, care and maintenance, troubleshooting, and warranty information.</p>
<div>LUTEC</div> <div>MOTION-ACTIVATED FLOODLIGHT Owners Manual</div> <div>MODEL #7632812012/7632812053/7632812412</div> <div></div> <div>IMPORTANT! RETAIN FOR FUTURE REFERENCE: READ CAREFULLY</div>	<p>LUTEC Motion-Activated Floodlight Owners Manual and Installation Guide</p> <p>This document provides comprehensive instructions for the LUTEC Motion-Activated Floodlight, including safety warnings, installation procedures, operating modes, maintenance tips, troubleshooting, and a 3-year limited warranty. Covers models 7632812012, 7632812053, and 7632812412.</p>



MOTION-ACTIVATED FLOODLIGHT
Owners Manual
MODEL #7622224012/7622224053



IMPORTANT:
RETAIN FOR FUTURE REFERENCE:
READ CAREFULLY

[LUTEC Motion-Activated Floodlight Owners Manual - Model #7622224012/7622224053](#)

Owners manual for the LUTEC Motion-Activated Floodlight, model #7622224012/7622224053.
Includes package contents, safety information, installation instructions, operating instructions,
troubleshooting, and warranty details.