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LUTEC 7625501053

Lutec ESA LED Security Light with Camera

INSTRUCTION MANUAL

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1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Lutec ESA LED Security Light with Camera. This device combines an LED security light with an integrated camera, designed for outdoor use to enhance property security.

Key features include a built-in LED security light with camera, and accessories for installation. The unit is designed for easy and simple installation with automatic connection capabilities.



Figure 1: Front view of the Lutec ESA LED Security Light with Camera. This image shows the main unit with its three LED light panels, integrated camera lens, and speaker grille.

2. Safety Information

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure power is disconnected at the circuit breaker before installation or servicing.
- **Mounting:** Mount the device securely to a stable surface. Ensure the mounting location can support the weight of the unit.

- **Outdoor Use:** This product is designed for outdoor use and has an IP54 rating, indicating protection against dust and splashing water. Do not submerge the unit in water.
- **Temperature:** Operate the device within the specified temperature range.
- **Maintenance:** Do not attempt to disassemble or repair the unit yourself. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all components are present before beginning installation:

- Lutec ESA LED Security Light with Camera unit
- Mounting bracket
- Screws and wall anchors
- Installation accessories (as provided by manufacturer)
- Instruction Manual (this document)

4. Setup and Installation

The Lutec ESA LED Security Light is designed for wall mounting and requires a corded electric power source. Follow these steps for proper installation:

1. **Choose Location:** Select a suitable outdoor wall location that provides the desired coverage area for both light and camera. Ensure the surface is flat and sturdy enough to support the unit.
2. **Disconnect Power:** Before starting any electrical work, turn off the power to the installation area at the main circuit breaker.
3. **Mounting Bracket:** Secure the mounting bracket to the wall using the provided screws and wall anchors. Use a level to ensure the bracket is straight.
4. **Wiring:** Connect the electrical wiring from your power source to the light fixture according to local electrical codes. Ensure all connections are secure and insulated.
5. **Attach Unit:** Carefully attach the Lutec ESA unit to the mounted bracket. Ensure it clicks securely into place.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.





Figure 2: The security light installed on the exterior wall of a modern building, demonstrating typical mounting.



Figure 3: A closer view of the security light mounted on a light-colored wall, showing its compact design.



Figure 4: The security light mounted on a textured stone wall, illustrating its adaptability to various surfaces.

5. Operating Instructions

The Lutec ESA LED Security Light with Camera is designed for automatic operation, providing both illumination and surveillance.

- **Automatic Connection:** The device features automatic connection for easy setup and integration with compatible systems (if applicable, refer to specific app instructions for smart features).
- **Light Operation:** The built-in LED security light is activated by motion detection. The light will illuminate when motion is detected within its sensor range, providing bright 1530 Lumen illumination.
- **Camera Operation:** The integrated camera records video when motion is detected. Access to camera footage and settings typically requires a dedicated mobile application (not specified in product details, assume standard smart home app integration).
- **Adjustable Positioning:** The light and camera unit can be fully swiveled on two axes: up/down and left/right, allowing for optimal positioning and coverage.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your Lutec ESA LED Security Light with Camera.

- **Cleaning:** Periodically clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these may damage the finish or electronic components. Ensure the camera lens and motion sensor are clear of dirt and debris for optimal performance.
- **Bulb Replacement:** The LED bulb is built-in and the fixture type is non-removable. LED lights have a long lifespan and typically do not require replacement.
- **Inspection:** Annually inspect the wiring and mounting for any signs of wear, damage, or loosening. Address any issues promptly.

7. Troubleshooting

If you encounter issues with your Lutec ESA LED Security Light with Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty wiring; sensor obstruction; incorrect settings.	Check circuit breaker. Verify wiring connections. Clear any obstructions from the motion sensor. Check app settings for light activation.
Camera not recording or poor image quality.	Network connectivity issues; lens obstruction; app settings.	Ensure strong Wi-Fi signal. Clean camera lens. Check camera settings within the mobile application.
Light stays on constantly or flashes.	Continuous motion detection; sensor malfunction; wiring issue.	Adjust sensor sensitivity. Ensure no constant motion sources (e.g., tree branches). Consult a qualified electrician if wiring is suspected.

Problem	Possible Cause	Solution
Device disconnects from network.	Weak Wi-Fi signal; router issues; power interruption.	Relocate Wi-Fi router closer to the device or use a Wi-Fi extender. Restart router. Check power supply to the unit.

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

8. Specifications

Feature	Detail
Brand	LUTEC
Model Name	Esa
Model Number	7625501053
Dimensions (Product)	10.04 x 7.87 x 6.69 inches (25.5 x 20 x 17 cm)
Item Weight	2.42 pounds (1.1 Kilograms)
Power Source	Corded Electric
Wattage	25 watts
Brightness	1530 Lumen
Light Source Type	LED (Built-in, Non-Removable)
Material	Aluminum
Color	White (Bianco)
Mounting Type	Wall Mount
Area Lighting Classification	IP54
Efficiency	A+

9. Warranty and Support

Warranty Information: The Lutec ESA LED Security Light with Camera is typically covered by a manufacturer's warranty. Based on user feedback, this product may be guaranteed for up to 5 years. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Lutec customer support. Refer to the official Lutec website or your purchase documentation for the most current contact information.

You can visit the official LUTEC Store for more information: [LUTEC Store on Amazon](#).

Related Documents - 7625501053

 <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>
 <p>LUTEC Wet Location Installation Guide MODEL #7632802053/7632802012</p> <p>WARNING/AVVERTIMENTI/AVVERTENZE</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>
 <p>LUTEC Stag Series LED Lighting User Manual and Installation Guide</p>	<p>LUTEC Stag Series LED Lighting User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the LUTEC Stag Series LED lighting, featuring technical specifications, safety instructions, app setup, and Bluetooth mesh technology.</p>
 <p>LUTEC Wet Location Security Area Light Installation Guide MODEL #7635402012/7635402053</p> <p>WARNING</p>	<p>LUTEC 7635402012/7635402053 Wet Location Security Area Light Installation Guide</p> <p>Installation guide for the LUTEC 7635402012 and 7635402053 Wet Location Security Area Light. Provides safety warnings and step-by-step installation instructions.</p>
 <p>LUTEC Smart Solar Light User Manual and Setup Guide</p>	<p>LUTEC Smart Solar Light User Manual and Setup Guide</p> <p>Comprehensive user manual for the LUTEC Smart Solar Light, covering installation, technical specifications, safety instructions, app setup, and Bluetooth mesh technology. Includes multilingual content.</p>

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User manual
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[LUTEC EXPLORER 6609202118 User Manual and Installation Guide](#)

Comprehensive user manual and installation guide for the LUTEC EXPLORER outdoor spotlight (model 6609202118). Includes setup instructions, safety information, technical specifications, and contact details.