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› [LUTEC](#) /

› Lutec Shrimp 22W LED Outdoor Security Light User Manual

LUTEC 6219 A

Lutec Shrimp 22W LED Outdoor Security Light

Model: 6219 A | Brand: LUTEC

INTRODUCTION

This user manual provides essential information for the safe and efficient installation, operation, and maintenance of your Lutec Shrimp 22W LED Outdoor Security Light. Please read this manual thoroughly before installation and keep it for future reference.



Image: Lutec Shrimp 22W LED Outdoor Security Light. This image shows the front view of the light fixture, highlighting its dual adjustable LED heads. One of the LED lights is illuminated, demonstrating its brightness.

SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the product:

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations. Ensure the power supply is disconnected before installation, maintenance, or repair.
- **Product Integrity:** Do not modify or disassemble the light fixture. Any unauthorized modifications will void the warranty and may pose a safety risk.
- **Environmental Conditions:** This product is designed for outdoor use (IP54 rated). Ensure it is installed in a

location suitable for its IP rating. Avoid direct exposure to extreme temperatures or corrosive substances.

- **Handling Broken Bulbs:** In case of a broken LED component, avoid direct contact with broken glass or internal components. Ventilate the area and clean up carefully using gloves. Dispose of broken parts according to local waste disposal regulations.
- **Light Source:** Do not stare directly into the LED light source when illuminated, as it may cause eye strain or damage.

PRODUCT OVERVIEW

The Lutec Shrimp LED Outdoor Security Light is a robust and energy-efficient lighting solution designed for exterior applications. It features two adjustable LED heads, allowing for flexible light direction, and is constructed from durable aluminum with an anthracite grey finish. The integrated LED light source ensures long-lasting performance.

SPECIFICATIONS

Feature	Specification
Brand	LUTEC
Manufacturer	Lutec
Item Model Number	6219 A
Product Dimensions	17.7 x 27.2 x 12.5 cm
Item Weight	800 g
IP Rating	IP54
Style	Contemporary
Color	Anthracite Grey
Material	Aluminum
Number of Lights	2
Included Components	Lamp fixture
Specific Uses	Outdoor and indoor use
Additional Features	Motion Sensor
Shade Material	Aluminum
Power Source Type	Corded Electric
Switch Installation Type	Wall Mount
Bulb Type	LED (integrated)
EU Energy Efficiency Class	A+
Luminous Flux	1380 lm
Wattage	22 watts

Feature	Specification
Incandescent Equivalent	100 Watt
Color Temperature	4000 Kelvin
Color Rendering Index (CRI)	80
Average Bulb Life	30000 Hours
Beam Angle	41 Degrees

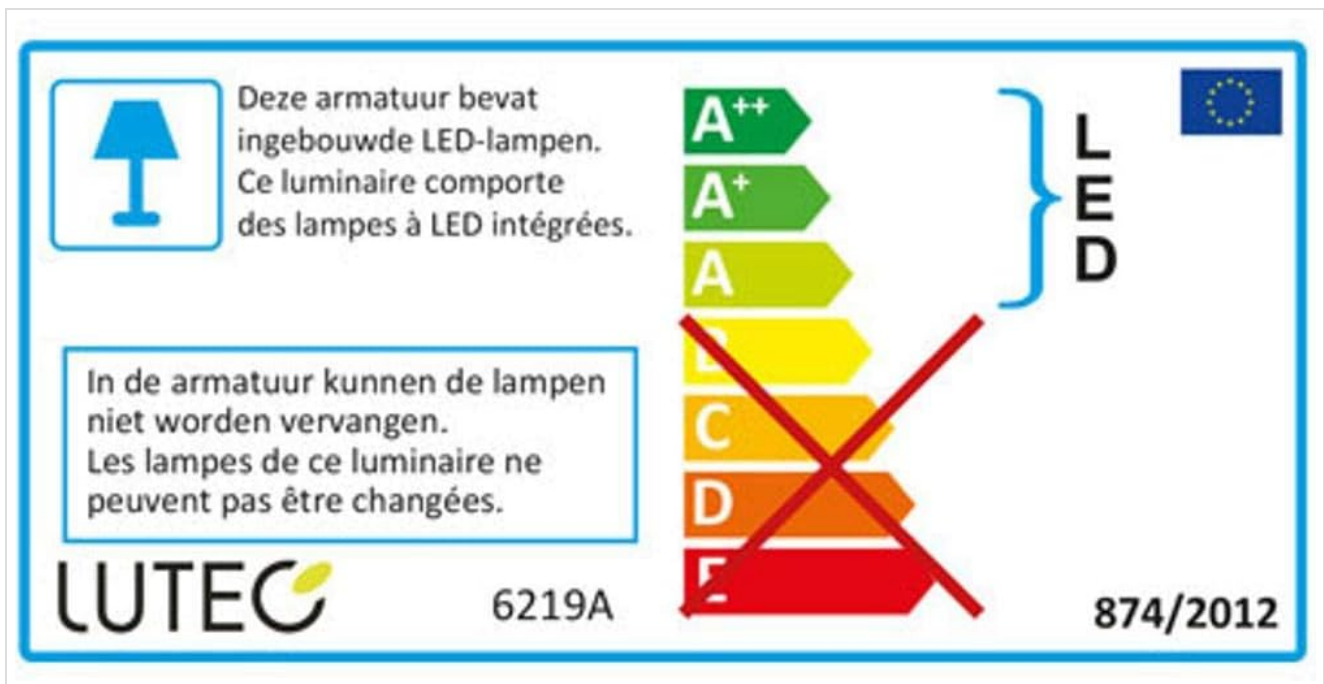


Image: EU Energy Efficiency Label. This label indicates that the Lutech Shrimp light fixture contains integrated LED lamps with an A+ energy efficiency rating, and the lamps cannot be replaced.

SETUP AND INSTALLATION

Before beginning installation, ensure you have all necessary tools and that the power supply to the installation area is turned off at the main circuit breaker.

Installation Steps:

- 1. Prepare the Mounting Surface:** Choose a suitable wall or surface for mounting. Ensure it is structurally sound and can support the weight of the fixture.
- 2. Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the wall.
- 3. Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall material. Insert wall plugs if necessary.
- 4. Connect Wiring:** Carefully connect the electrical wires from your power supply to the terminals on the light fixture. Ensure correct polarity (Live, Neutral, Earth) as per local electrical codes. Secure all connections.
- 5. Mount the Fixture:** Secure the light fixture to the wall using the provided screws. Ensure it is firmly attached.
- 6. Adjust Light Heads:** Once mounted, adjust the two LED light heads to your desired angle and direction.
- 7. Restore Power:** Turn the power supply back on at the main circuit breaker. Test the light fixture to ensure it functions correctly.

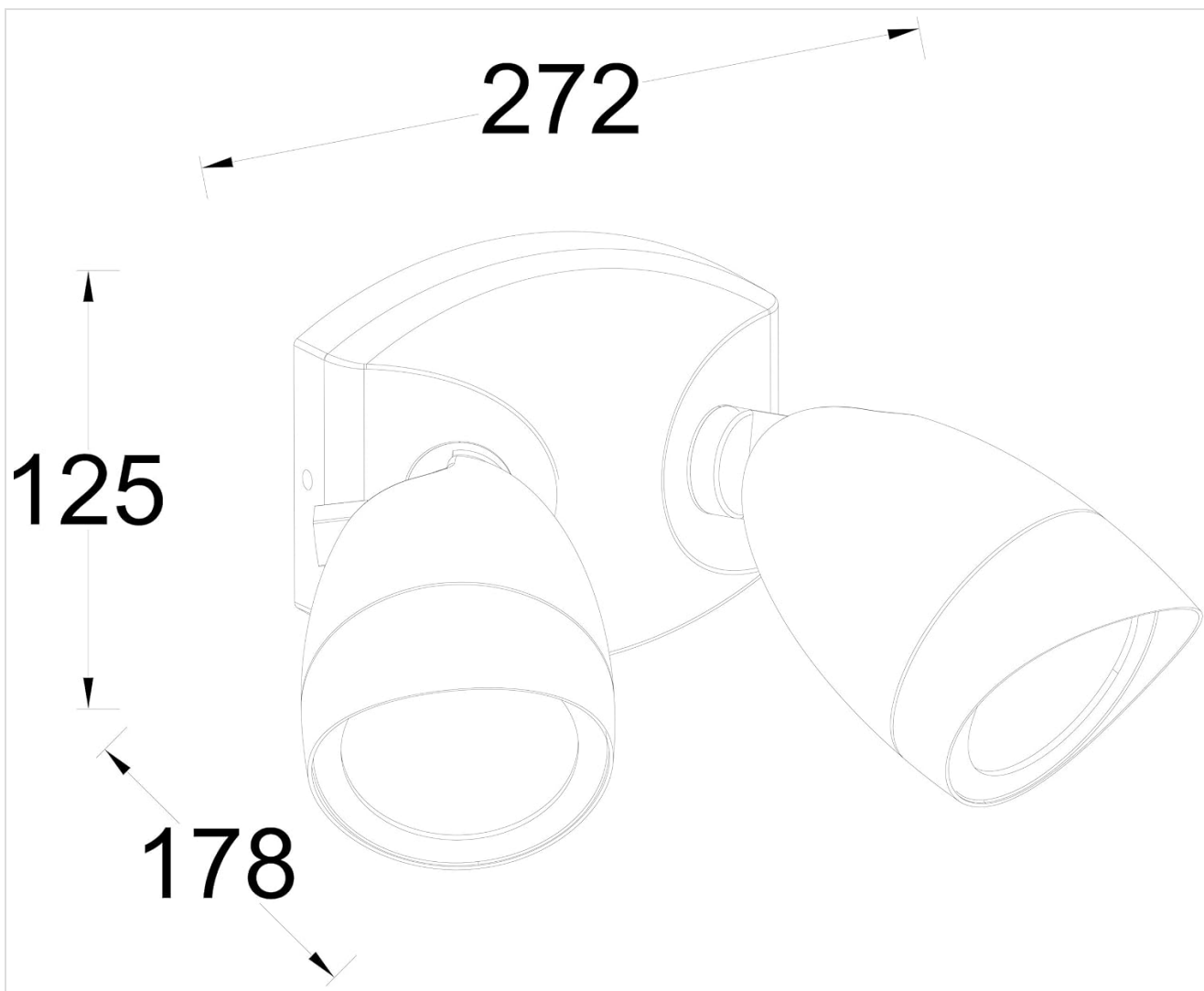


Image: Dimensional Drawing. This technical drawing illustrates the key dimensions of the Lutec Shrimp light fixture in millimeters, including its width (272mm), height (125mm), and depth (178mm).



Image: Installed Light Fixture. This photograph shows the Lutec Shrimp LED outdoor security light mounted on a textured brick wall, demonstrating its appearance and illumination in an outdoor setting.

OPERATING INSTRUCTIONS

The Lutec Shrimp LED Outdoor Security Light is designed for automatic operation, primarily utilizing its integrated motion sensor. Once installed and powered, the light will activate when motion is detected within its sensing range.

Motion Sensor Operation:

- The motion sensor detects movement within its field of view. The range and sensitivity may vary based on environmental factors and installation height.
- The light will typically remain on for a preset duration after motion is detected. If continuous motion is detected, the light may stay on longer.
- The light is also equipped with a dusk-to-dawn sensor, ensuring it only activates when ambient light levels are low enough (e.g., at night).
- Refer to the specific settings on your unit (if applicable) for adjusting sensitivity, time-on duration, or lux levels. These adjustments are usually made via small dials or switches on the fixture itself.

MAINTENANCE

Regular maintenance will help ensure the longevity and optimal performance of your Lutec Shrimp LED Outdoor Security Light.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or internal components. Ensure the power is off before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Pay particular attention to the seals around the light heads and the mounting base to ensure water integrity.
- **LEDs:** The LED light source is integrated and not user-replaceable. If the LEDs fail, the entire fixture may need to be replaced.

TROUBLESHOOTING

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

- **Light does not turn on:**
 - Check the power supply at the circuit breaker.
 - Ensure all wiring connections are secure.
 - Verify that the ambient light is low enough for the dusk-to-dawn sensor to activate (test at night or cover the sensor).
 - Check if the motion sensor is obstructed or if its sensitivity settings are too low.
- **Light stays on continuously:**
 - Ensure there is no continuous motion within the sensor's range (e.g., swaying branches, passing traffic).
 - Check the time-on duration setting of the motion sensor; it might be set to maximum.
 - Verify that the dusk-to-dawn sensor is not faulty or obstructed, causing it to detect darkness constantly.
- **Light flickers or dims:**

- Check for unstable power supply or loose wiring connections.
- Ensure the fixture is not exposed to extreme voltage fluctuations.
- **Motion sensor is not detecting:**
 - Clean the sensor lens to remove any dirt or debris.
 - Adjust the sensor's angle and sensitivity settings.
 - Ensure there are no obstructions blocking the sensor's field of view.

If these steps do not resolve the issue, please contact customer support.

WARRANTY AND SUPPORT

Your Lutec Shrimp 22W LED Outdoor Security Light is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or replacement parts, please visit the official LUTEC website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official website.

Note: The integrated LED light source is designed for the lifetime of the product and is not user-replaceable. Any attempts to replace the LED may void the warranty.