

## LUTEC 5104009012

# LUTEC LED Up & Down Modern Wall Lamp Instruction Manual

Model: 5104009012

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your LUTEC LED Up & Down Modern Wall Lamp. Please read this manual thoroughly before installation and retain it for future reference.

The LUTEC LED Up & Down Modern Wall Lamp is designed for both indoor and outdoor use, featuring an adjustable beam angle and durable, waterproof aluminum construction. It provides warm white light (3000K) with energy-efficient LED technology.

## 2. SAFETY INFORMATION

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**WARNING:** To reduce the risk of fire, electric shock, or injury to persons, please observe the following:

- Installation must be performed by a qualified electrician in accordance with all local electrical codes.
- Disconnect power at the circuit breaker before installation or servicing.
- Do not modify the fixture. Any modifications may void the warranty and create a safety hazard.
- Ensure the supply voltage is compatible with the fixture (110 Volts AC).
- Do not look directly into the LED light source when the fixture is powered on.
- Keep flammable materials away from the light fixture.
- This fixture is rated IP65 waterproof for outdoor use, but proper sealing during installation is crucial.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning installation.

- LUTEC LED Wall Lamp (2 units)
- Mounting Screws (2 per unit)

- Wire Nuts (3 per unit)
- Instruction Manual (this document)

# PRODUCT DETAIL



Full Aluminum Body - BLACK



Waterproof Clear Glass & 2\*7 LEDs  
(No UV or IR Radiation)



Waterproof Sealing Ring  
(Outdoor/Indoor Use)



Figure 3.1: Included accessories for installation, showing wire nuts and mounting screws.

## 4. PRODUCT SPECIFICATIONS

| Feature      | Specification                       |
|--------------|-------------------------------------|
| Brand        | LUTEC                               |
| Model Number | 5104009012                          |
| Dimensions   | 4.33"L x 2.09"W x 4.33"H            |
| Material     | Aluminum                            |
| Color        | Black (Fixture), Warm White (Light) |

| Feature                | Specification   |
|------------------------|-----------------|
| Light Source Type      | Integrated LED  |
| Wattage                | 10 Watts        |
| Color Temperature      | 3000 Kelvin     |
| Brightness             | 400 Lumens      |
| Voltage                | 110 Volts (AC)  |
| Water Resistance Level | IP65 Waterproof |
| Average Life           | 50,000 Hours    |
| Installation Type      | Wall Mount      |
| Indoor/Outdoor Usage   | Indoor, Outdoor |

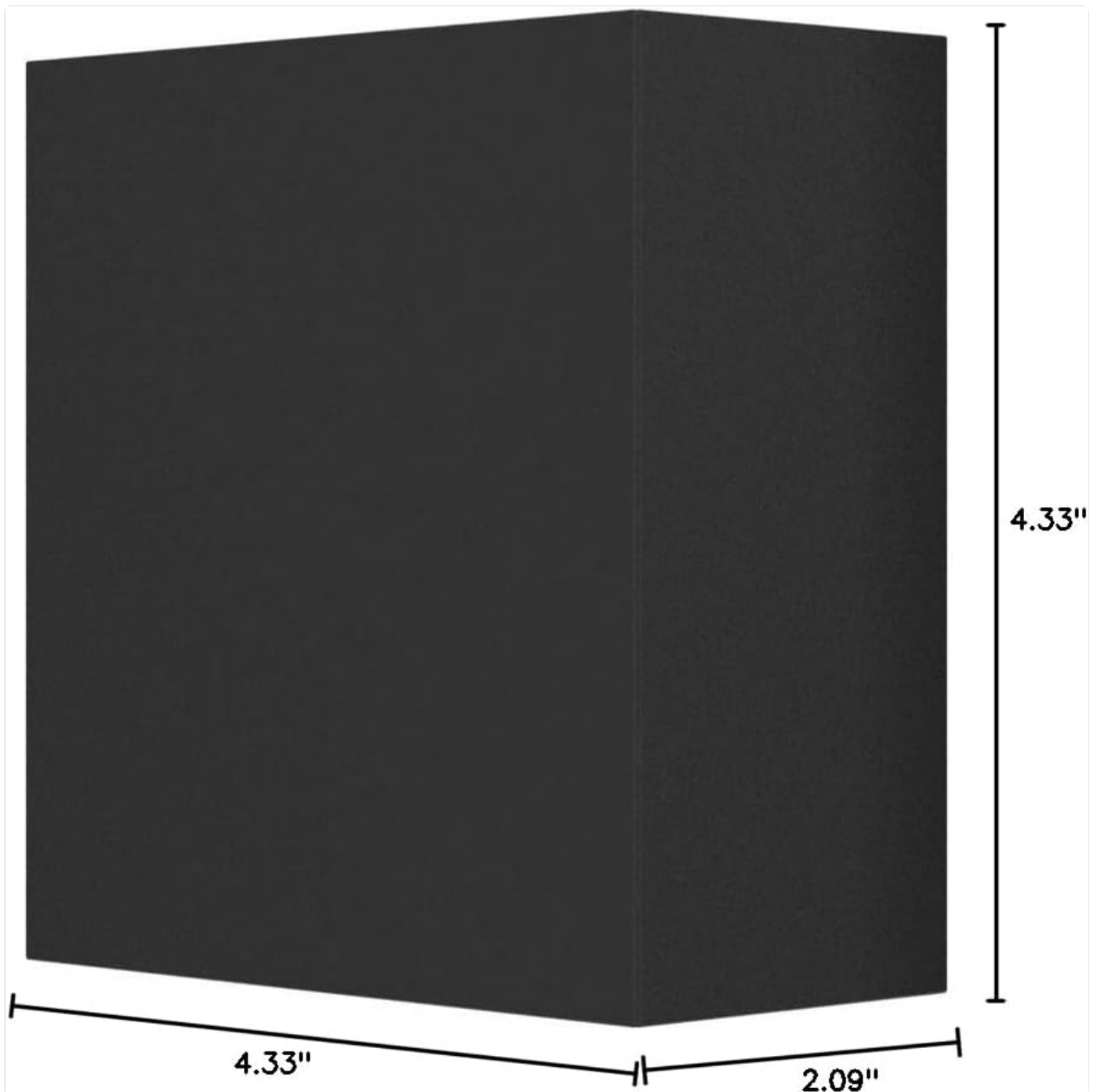


Figure 4.1: Product dimensions, showing the compact square design.

## 5. INSTALLATION GUIDE

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Follow these steps for proper installation. Professional installation is recommended.

### 1. Prepare the Installation Area:

- Turn off power at the main circuit breaker before starting any electrical work.
- Ensure the mounting surface is clean, dry, and structurally sound.

### 2. Mount the Fixture:

- Position the wall lamp on the desired surface.
- Mark the drilling points for the mounting screws.
- Drill pilot holes if necessary.
- Secure the fixture to the wall using the provided mounting screws. Ensure a tight and stable fit.



Figure 5.1: Securing the wall lamp to the mounting surface.

### 3. Wire the Fixture:

- Connect the household supply wires to the fixture wires using the provided wire nuts.
- Connect the black (live) wire from the supply to the black wire of the fixture.
- Connect the white (neutral) wire from the supply to the white wire of the fixture.
- Connect the green or bare copper (ground) wire from the supply to the ground wire of the fixture.
- Ensure all connections are secure and properly insulated.

### 4. Seal the Fixture (for outdoor/wet locations):

- Apply a bead of silicone sealant around the perimeter of the fixture where it meets the mounting surface to prevent water intrusion. This is crucial for maintaining the IP65 waterproof rating.



Figure 5.2: The fixture's waterproof design, emphasizing the need for proper sealing during installation.

## 5. Restore Power:

- Once installation is complete and all connections are secure, restore power at the circuit breaker.
- Test the light fixture to ensure it functions correctly.

## 6. OPERATION

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### 6.1 Turning On/Off

The LUTEC LED Wall Lamp operates via a standard wall switch connected to its power supply. Flip the switch to turn the light on or off.

### 6.2 Adjusting Light Beam Angle

This fixture features an adjustable design, allowing you to customize the up and down light beam angles. The light beams can be independently and continuously set from 0 to 106 degrees.

- Carefully access the internal adjustable mechanism within the light aperture.
- Gently move the internal reflectors to achieve the desired upward and/or downward light spread.
- Experiment with different angles to create various lighting effects, such as narrow spotlights or wide washes.

# FOUR LIGHTING EFFECTS

(Adjusted by Manual)

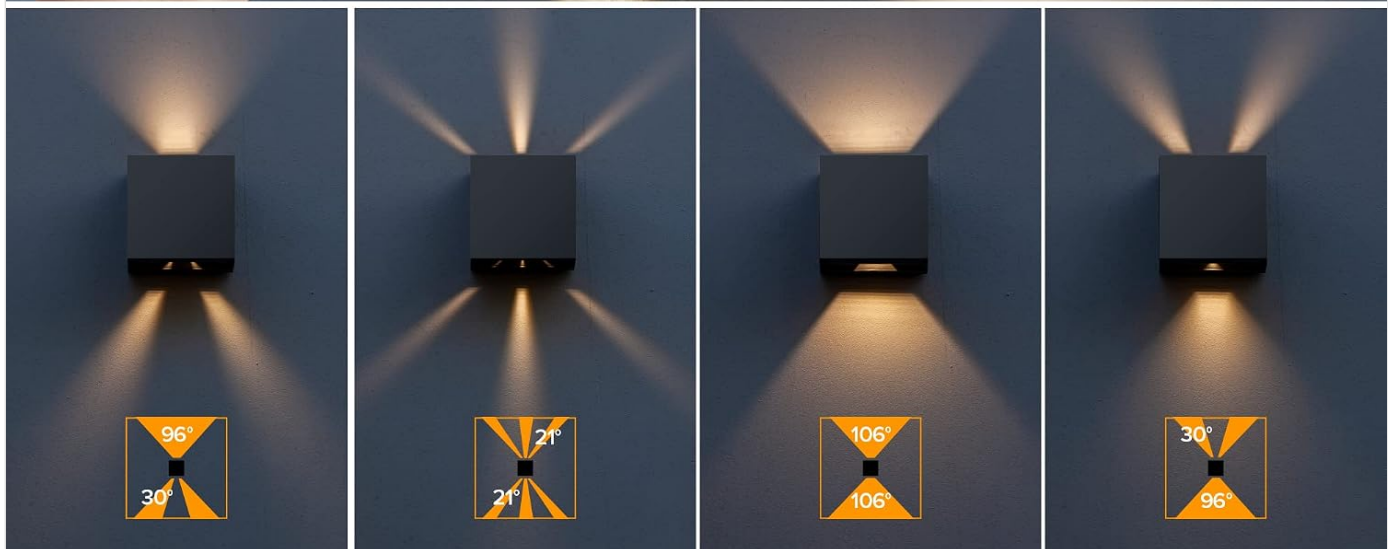


Figure 6.1: Examples of adjustable light beam patterns.



Figure 6.2: Visual representation of adjustable light beams.

## 7. MAINTENANCE

The LUTEC LED Wall Lamp requires minimal maintenance due to its durable construction and integrated LED design.

- **Cleaning:**
  - Ensure power is off before cleaning.
  - Wipe the exterior of the fixture with a soft, damp cloth.
  - Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or internal components.
- **LED Replacement:**
  - The LED light source is integrated and not user-replaceable. The fixture is designed for a long operational life of approximately 50,000 hours.
- **Inspection:**
  - Periodically inspect the fixture for any signs of damage, loose connections, or wear, especially if installed outdoors.
  - Ensure the silicone sealant (if applied) remains intact to maintain waterproof integrity.

## 8. TROUBLESHOOTING

If you experience issues with your LUTEC LED Wall Lamp, refer to the following table before contacting customer support.

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                 | Possible Cause                                                                         | Solution                                                                                                                                                                           |
|-----------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Light does not turn on.                 | No power supply.<br>Loose wiring connection.<br>Faulty wall switch.                    | Check circuit breaker and wall switch.<br>Verify all wire connections are secure (ensure power is off first).<br>Test the wall switch with another device or replace if necessary. |
| Light flickers or dims.                 | Unstable power supply.<br>Loose wiring.<br>Incompatible dimmer switch (if applicable). | Ensure stable power.<br>Check and secure all wiring connections.<br>This fixture is not designed for dimming unless specified.<br>Remove dimmer if present.                        |
| Water inside the fixture (outdoor use). | Improper sealing during installation.<br>Damaged housing.                              | Turn off power, remove fixture, re-seal thoroughly with silicone sealant.<br>Contact customer support if housing is damaged.                                                       |

## 9. WARRANTY AND SUPPORT

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LUTEC provides a 5-year warranty for this product, ensuring quality and reliability. For warranty claims or technical support, please contact LUTEC customer service.

Contact Information:

- Website: [LUTEC Official Store](#)
- Customer Service: Refer to the official LUTEC website for the most current contact methods (phone, email, etc.).

Please have your model number (5104009012) and purchase date available when contacting support.

## 10. PRODUCT APPLICATIONS

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The versatile design of the LUTEC LED Wall Lamp makes it suitable for a variety of indoor and outdoor settings, enhancing ambiance and providing functional lighting.



Figure 10.1: Indoor application in a living room setting.



Figure 10.2: Outdoor application on a building exterior.



Figure 10.3: Diverse application scenarios for the wall lamp.

## 11. PRODUCT VIDEO

Watch the official product video for a visual guide on the features and functionality of the LUTEC LED Up & Down Modern Wall Lamp.

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Video 11.1: Official product overview of the LUTEC LED Up & Down Modern Wall Lamp, demonstrating its adjustable light beams and waterproof features.