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## FULEN WL04

# FULEN WL04 Motion Sensor Wall Light Instruction Manual

Model: WL04

## 1. PRODUCT OVERVIEW

The FULEN WL04 Motion Sensor Wall Light is a versatile, rechargeable LED wall sconce designed for indoor use. It features a sensitive motion sensor, three adjustable color temperatures, five brightness levels, and convenient remote control operation. With its 5000mAh battery, it offers extended use and easy, wire-free installation.

# Compact Size, Brilliant Brightness

**300<sub>LM</sub>**

Super Bright & Soft Light

**10 hours**

Always-on mode

**60 days**

Motion Sensor Mode



Image 1.1: The FULEN Motion Sensor Wall Light providing ambient lighting in a living room, showcasing its compact size and various operational modes.

## 2. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Wall light with motion sensor (x1)
- Base and double-sided adhesive pad (x2)
- Accessory screw (x2)
- Charging cable (x2)
- Remote Control (x1)

## 3. PRODUCT FEATURES

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- **Smart Motion Sensor:** Automatically activates in dark environments upon detecting human movement, turning off after 30 seconds of inactivity.
- **High Capacity Rechargeable Battery:** Built-in 5000mAh battery provides up to 10 hours of continuous lighting at maximum brightness.
- **Convenient Remote Control:** Adjust power, mode, brightness, and color temperature from up to 6-7 meters (22 feet) away. (Requires two AAA batteries for remote control, not included).
- **Adjustable Brightness & Color Temperature:** Offers 3 color temperatures (Cold White, Natural White, Warm White) and 5 brightness levels (20% to 100%) up to 300 lumens.
- **Easy Installation:** Two installation methods available: adhesive pads for smooth surfaces or expansion screws for more permanent mounting.
- **Versatile Decoration:** Suitable for various indoor spaces such as living rooms, bedrooms, corridors, stairs, and kitchens.

## 4. SPECIFICATIONS

| Attribute          | Value                                                          |
|--------------------|----------------------------------------------------------------|
| Brand              | FULEN                                                          |
| Model Name         | WL04                                                           |
| Color              | White                                                          |
| Material           | Acrylonitrile Butadiene Styrene                                |
| Product Dimensions | 3.9"L x 3.4"W x 2"H                                            |
| Power Source       | Battery Powered (5000mAh Lithium Ion)                          |
| Light Source Type  | LED                                                            |
| Brightness         | 300 Lumens                                                     |
| Color Temperature  | 3000K (Warm White), 4500K (Natural White), 6000K (Cold White)  |
| Control Method     | Remote, Touch                                                  |
| Special Features   | Color Changing, Dimmable, Lightweight, Motion Sensor, Portable |

## 5. SETUP AND INSTALLATION

The FULEN WL04 wall light offers two convenient installation methods:

### 1. Adhesive Installation (for smooth walls):

- Clean the desired wall surface thoroughly to ensure it is dry and free of dust.
- Peel off the protective film from the double-sided adhesive pad.
- Attach the adhesive pad to the back of the light's mounting base.
- Press the base firmly onto the cleaned wall surface for at least 30 seconds.
- Slide the wall light onto the mounted base.

### 2. Screw Installation (for enhanced stability):

- Mark the desired mounting location on the wall.
- Drill two pilot holes at the marked spots.

- Insert the expansion screws into the pilot holes.
- Align the mounting base with the screws and secure it firmly.
- Slide the wall light onto the mounted base.



Image 5.1: Visual guide for the simple installation process using adhesive pads.

Video 5.2: This video demonstrates the installation process and various features of the FULEN Motion Sensor Wall Light, including color temperature and brightness adjustments, and the auto-sensing mode.

## 6. OPERATING INSTRUCTIONS

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### 6.1. Charging the Device

Before first use, fully charge the wall light. The device features a 5000mAh rechargeable battery.

- Gently detach the wall light from its mounting base.
- Connect the provided USB-C charging cable to the charging port on the light and to a suitable USB power adapter (not included).
- A full charge typically takes approximately 5 hours.
- Once fully charged, reattach the light to its base.

# Support USB Type-C Charging

This motion sensor wall light has upgraded its battery capacity, achieving maximum brightness.

# 5000<sub>mAh</sub>



Image 6.1: The wall light connected to a USB-C charger, illustrating the charging process and battery capacity.

## 6.2. Remote Control Functions

The included remote control allows for convenient adjustment of the light's settings:

- **Power Button:** Turns the light On/Off.
- **Brightness Adjustment:** Use the brightness +/- buttons to cycle through 5 levels (20%, 40%, 60%, 80%, 100%).
- **Color Temperature:** Select from 3 color temperatures: Cold White (6000K), Natural White (4500K), or Warm White (3000K).
- **Timer Settings:** Set the light to automatically turn off after 10 or 30 minutes. A single blink indicates successful timer setting.
- **Mode Selection:** Switch between 'On' (always on) and 'Auto' (motion sensor mode).



Image 6.2: Detailed view of the remote control and its various functions for adjusting the light.

### 6.3. Motion Sensor Mode (Auto Mode)

In Auto Mode, the wall light intelligently responds to its environment:

- The light will remain off in well-lit conditions to conserve energy.
- When the environment is dark, the motion sensor activates.
- Upon detecting human movement within 3.5 meters (11 feet) and a 120° wide-angle range, the light will automatically turn on.
- After approximately 30 seconds of no further human activity, the light will automatically turn off.

# Smart Sensing Function

Within 3.5 meters (11 feet), 120° wide-angle large range sensing

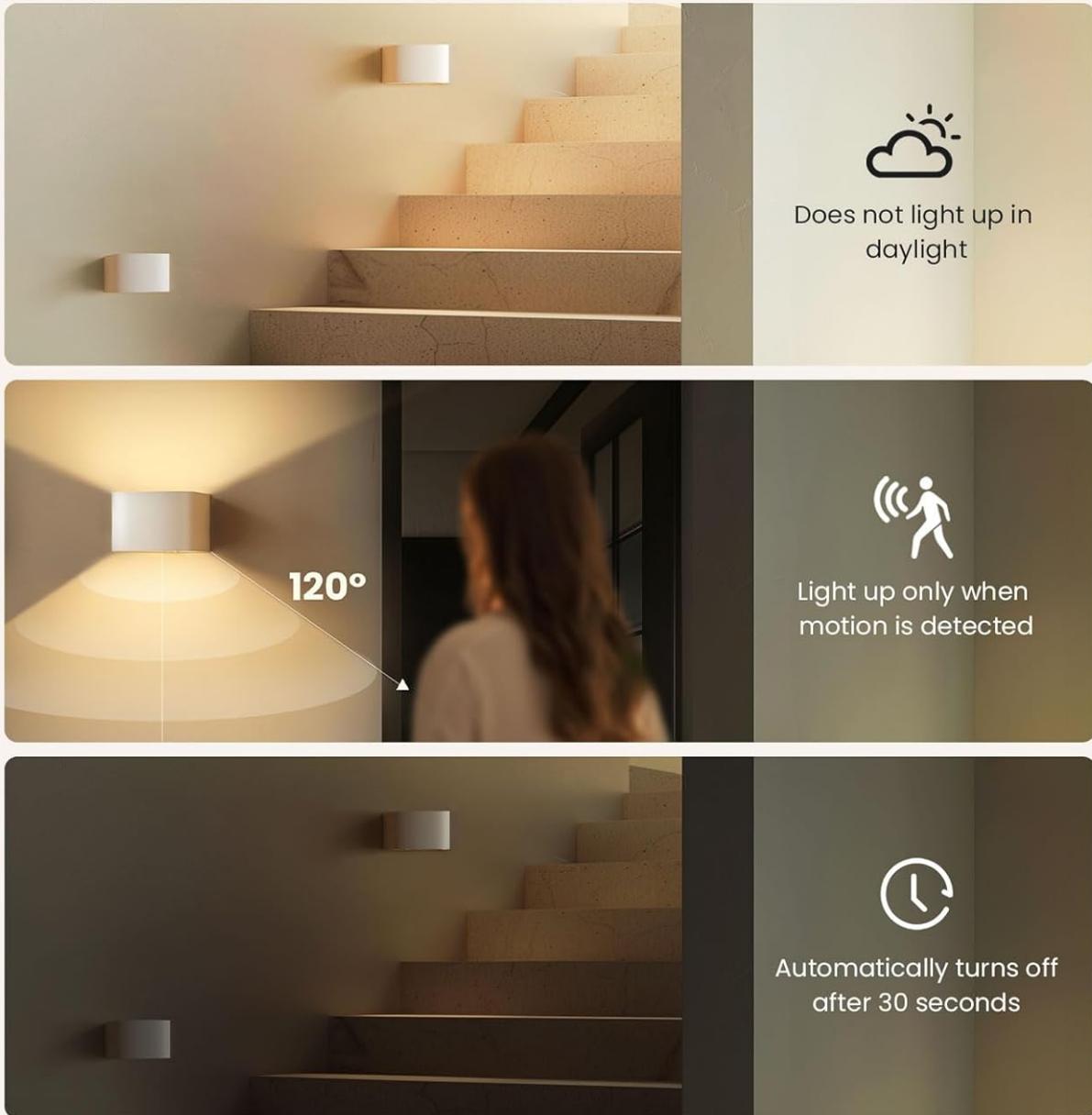


Image 6.3: Demonstration of the smart motion sensing function, showing how the light responds to ambient light and movement.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the light. Avoid abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge when the light output appears dim.
- **Storage:** If storing the light for an extended period, ensure it is fully charged and store in a cool, dry place. Recharge every few months to maintain battery health.

## 8. TROUBLESHOOTING

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

|                                      |                                                                                      |                                                                                                                          |
|--------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Light does not turn on in Auto Mode. | Environment is too bright; battery is low; motion sensor obstructed.                 | Ensure the environment is dark enough for Auto Mode; charge the battery; clear any obstructions from the motion sensor.  |
| Remote control is not working.       | Remote batteries are dead or incorrectly inserted; remote is too far from the light. | Replace AAA batteries in the remote; ensure correct battery polarity; operate the remote within 6-7 meters of the light. |
| Light turns off too quickly/slowly.  | Timer setting is active.                                                             | Adjust or deactivate the timer setting using the remote control.                                                         |

## 9. WARRANTY AND SUPPORT

The FULEN team is committed to providing high-quality products. If you have any questions about your product or encounter quality issues, please contact us. We will respond and resolve your problems within 24 hours, striving to improve your shopping experience.

For support, please refer to the contact information provided with your purchase or visit the official FULEN store online.