

LINEWAY LW312ZL

LINEWAY LW312ZL Rechargeable Motion Sensor Ceiling Light

User Instruction Manual

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1. INTRODUCTION

Thank you for purchasing the LINEWAY LW312ZL Rechargeable Motion Sensor Ceiling Light. This manual provides essential information for the safe and efficient use of your new lighting product. Please read these instructions thoroughly before installation and operation, and retain them for future reference.

2. IMPORTANT SAFETY INFORMATION

To ensure safe operation, please observe the following precautions:

- Do not install the lights too close to each other, as this may interfere with motion sensor functionality.
- This product is designed for indoor use only. It is not water resistant.
- Keep the device away from water and high humidity environments.
- Do not attempt to disassemble or modify the light. Repairs should only be performed by qualified personnel.
- Ensure the mounting surface is clean and dry before installation.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- LINEWAY LW312ZL Rechargeable Motion Sensor Ceiling Light
- Remote Control
- Mounting Hardware (including metal plates and adhesive)
- USB Charging Cable

4. PRODUCT OVERVIEW

The LINEWAY LW312ZL is a versatile, battery-operated LED ceiling light designed for various indoor applications. It features a motion sensor, remote control, adjustable brightness, and three color temperature options. Its magnetic mounting system allows for easy installation without wiring.

Key Features:

- **Motion Sensor:** Automatically turns on when motion is detected within 9-12 feet and turns off after 20 seconds of no motion.
- **Remote Control:** Offers convenient control over light modes, brightness, color temperature, and timer settings.

- **3 Light Modes:** Constant Light (ON/OFF), Daytime Sensor (motion-activated all day), Night Sensor (motion-activated only in darkness).
- **Rechargeable Battery:** Built-in 5V/4000mAh battery provides approximately one month of use on a single 5-6 hour charge.
- **Dimmable Brightness:** 5 levels of brightness settings from 20% to 100%.
- **3 Color Temperatures:** Choose between 3000K (Warm White), 4500K (Natural White), and 6500K (Cool White).
- **Timer Function:** Set the light to automatically turn off after 15, 30, or 60 minutes.
- **Easy Installation:** No wiring or drilling required, uses magnetic attachment for quick setup and removal for charging.

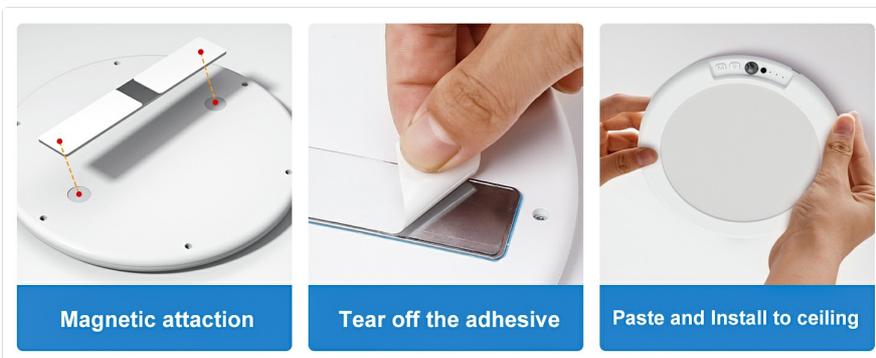


Figure 1: Overview of LINEWAY LW312ZL features.

5. SETUP AND INSTALLATION

The LINEWAY LW312ZL light is designed for simple, wire-free installation using its magnetic attachment system.

Installation Steps:

1. **Prepare the Surface:** Choose a clean, dry, and flat surface on your ceiling or wall where you wish to install the light.
2. **Attach Metal Plate:** Peel off the adhesive backing from the included metal plate. Firmly press the metal plate onto the desired installation spot. Ensure it is securely attached.
3. **Mount the Light:** The light has built-in magnets. Align the light with the installed metal plate and allow the magnets to securely attach the light to the plate.
4. **Test Functionality:** Once mounted, test the light's functions using the remote control or the manual buttons to ensure proper operation.

Note: Do not install multiple lights too close to each other, as this can cause interference with the motion sensors.



Figure 2: Magnetic installation process.

6. OPERATING INSTRUCTIONS

Your LINEWAY LW312ZL light can be operated via the remote control or the buttons on the light itself.

Remote Control Functions:



Figure 3: Remote Control Layout.

- **ON/OFF:** Press the green 'ON' button to turn the light on, and the red 'OFF' button to turn it off.
- **Light Up Mode (Always On):** Press the light bulb icon to keep the light constantly on.
- **Night Sensing Mode (AUTO1):** Press the moon icon. The light will automatically turn on in darkness when motion is detected.
- **Daytime Sensing Mode (AUTO2):** Press the sun icon. The light will automatically turn on in any brightness when motion is detected.
- **Brightness Adjustment:** Use the up/down arrow buttons to increase or decrease brightness (5 levels from 20% to 100%).
- **Color Temperature Selection:** Use the 'WW' (Warm White 3000K), 'NW' (Natural White 4500K), and 'CW' (Cool White 6500K) buttons to change the light color.
- **Timer Settings:** Press '15min', '30min', or '60min' to set the light to automatically turn off after the selected duration.

Manual Button Functions (on the light):

The light also features buttons for basic control:

- **Power Button:** Press to cycle through ON/OFF and different light modes.
- **Mode Button:** Press to switch between Constant Light, Daytime Sensor, and Night Sensor modes.
- **Color Temperature Button:** Press to cycle through 3000K, 4500K, and 6500K.

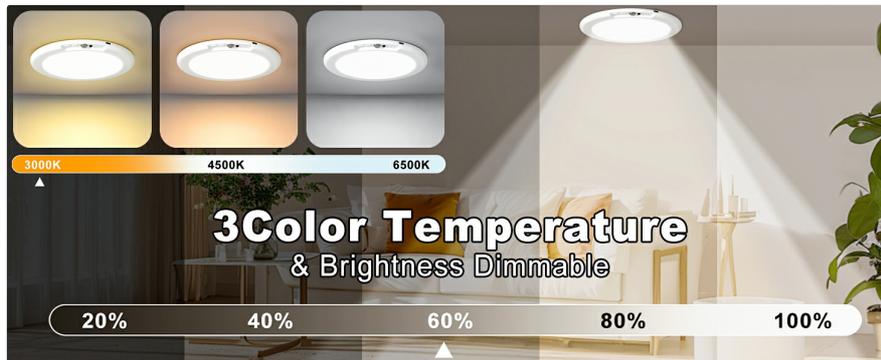


Figure 4: Light Modes Explained.



Figure 5: Color Temperature and Brightness Adjustment.

7. CHARGING THE DEVICE

The LINEWAY LW312ZL light is equipped with a rechargeable battery. When the battery is low, the light may dim or stop functioning. To charge:

1. Gently detach the light from its magnetic mounting plate.
2. Locate the USB charging port on the side of the light.

3. Connect the provided USB charging cable to the light and to a 5V USB power source (e.g., wall adapter, computer USB port).
4. An indicator light will show the charging status (e.g., red for charging, green for fully charged).
5. A full charge typically takes 5-6 hours and provides approximately one month of light, depending on usage.
6. Once fully charged, disconnect the cable and reattach the light to its magnetic plate.

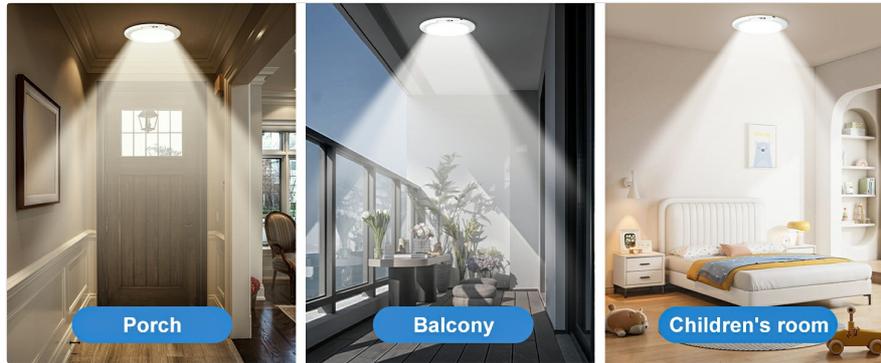


Figure 6: Charging the Light.

8. MAINTENANCE

To ensure the longevity and optimal performance of your LINEWAY LW312ZL light:

- **Cleaning:** Wipe the light with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** For best battery life, avoid completely draining the battery frequently. Recharge when the light indicates low power.
- **Storage:** If storing the light for an extended period, ensure it is fully charged and store in a cool, dry place. Recharge periodically to maintain battery health.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is low or depleted.	Charge the light using the provided USB cable.
Motion sensor not working correctly.	Light is in the wrong mode (e.g., Constant Light). Obstruction blocking the sensor. Lights are installed too close to each other.	Ensure the light is set to Night Sensing (AUTO1) or Daytime Sensing (AUTO2) mode. Clear any objects blocking the sensor. Relocate lights further apart.
Remote control not responding.	Remote battery is dead. Obstruction between remote and light.	Replace the remote control battery (if applicable). Ensure a clear line of sight to the light.
Light detaches from the ceiling.	Metal plate not securely attached. Surface not clean or dry.	Re-attach the metal plate to a clean, dry surface, ensuring strong adhesion. Consider using additional adhesive if needed.

10. SPECIFICATIONS

Feature	Detail
Brand	LINEWAY
Model Number	LW312ZL
Dimensions	7.5"L x 7.5"W x 0.5"H

Feature	Detail
Material	Acrylonitrile Butadiene Styrene
Power Source	Battery Powered
Battery Type	1 Lithium Ion battery (included)
Battery Capacity	5V/4000mAh
Wattage	2.5 watts
Brightness	250 Lumens (Max)
Color Temperature	3000K / 4500K / 6500K
Control Method	Remote Control
Installation Type	Flush Mount (Magnetic)
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant
Item Weight	13.7 ounces

11. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact LINEWAY customer service directly. Keep your purchase receipt as proof of purchase.