EZVALO EZL2401A-37

EZVALO 134 LED Under Cabinet Lights User Manual

Model: EZL2401A-37

Product Overview

The EZVALO 134 LED Under Cabinet Lights are designed to provide versatile and efficient lighting for various indoor spaces. Featuring a 3200mAh rechargeable battery, motion sensing capabilities, and adjustable color temperatures, these lights offer convenience and customizable ambiance. They are ideal for kitchens, closets, wardrobes, stairwells, and more.



Figure 1: EZVALO 134 LED Under Cabinet Lights, showing two units, charging cables, and packaging.

Each light unit is equipped with 134 LEDs, offering bright illumination without glare. The slim design allows for discreet installation under cabinets or shelves. The lights come with built-in magnets and adhesive iron plates for easy, tool-free mounting.

What's in the Box

- 2 x Motion Sensor Closet Lights
- 1 x USB C Charging Cable
- 4 x Adhesive Iron Sheet

- 1 x Instruction Manual

Setup and Installation

The EZVALO Under Cabinet Lights are designed for easy, wireless installation. No tools are required for mounting.

Initial Charging

Before first use, fully charge the lights using the provided USB-C charging cable. The 3200mAh rechargeable battery provides extended use, lasting 15-45 days in AUTO mode (10-20 activations daily for 20s each) or 8-9 hours at maximum brightness in Always-On mode.

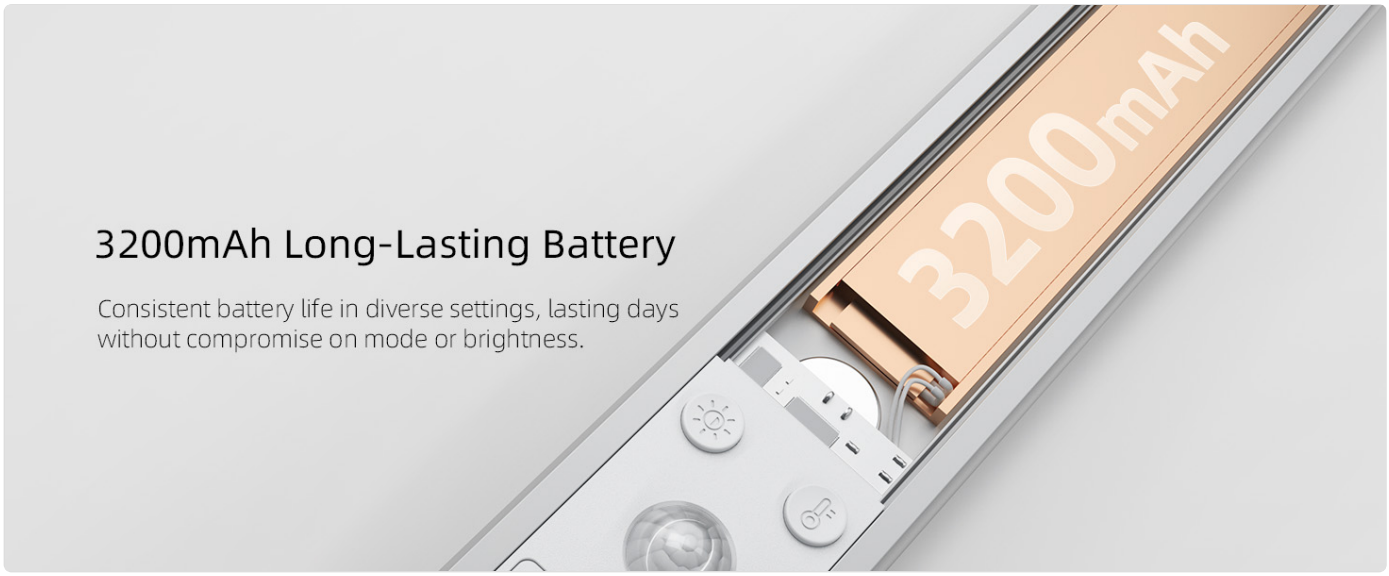


Figure 2: The light unit features a 3200mAh rechargeable battery. Charge via the USB-C port.

Mounting Instructions

The lights feature robust built-in magnets for attachment to ferrous surfaces. For non-ferrous surfaces, use the provided ultra-adhesive iron plates.

1. **Prepare the Surface:** Ensure the installation surface is clean and dry for optimal adhesion of the adhesive iron plates.
2. **Attach Iron Plates:** Peel the protective film from the adhesive iron plates. Place the iron plate on the laser engraved magnetic guidance on the lamp body, with the 3M adhesive side facing upward.
3. **Position the Light:** For optimal sensing performance and user experience, install the light within 2 inches from the front edge of the cabinet.
4. **Secure the Light:** The light unit will magnetically attach to the installed iron plates or directly to any ferrous surface. This allows for easy removal for recharging.



Figure 3: Visual guide for attaching the light using magnetic plates.

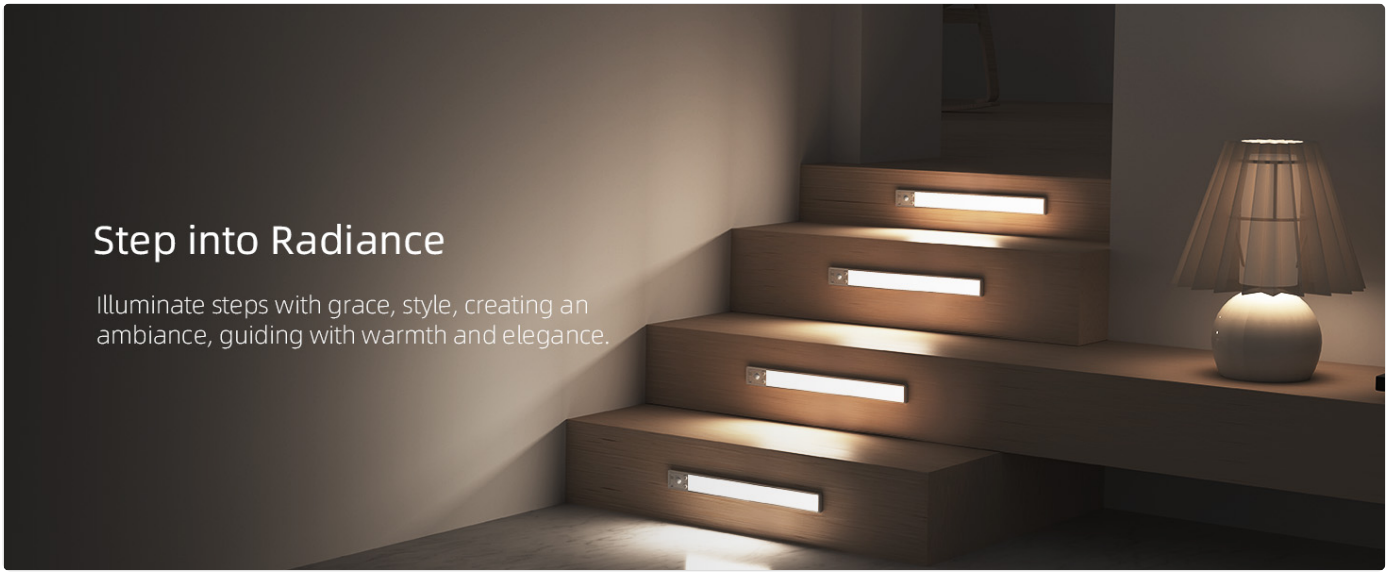


Figure 4: Recommended installation distance from the cabinet edge for best performance.

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Video 1: Official EZVALO demonstration of under cabinet motion sensor lights, including installation and operation.

Operating Instructions

The EZVALO lights offer multiple modes and customizable settings for various lighting needs.

Work Modes

Use the toggle switches on the light unit to select one of four work modes:

- **Always On Mode:** The light remains continuously illuminated until the battery is depleted or the mode is changed.
- **Always Off Mode:** The light remains off.
- **Day Mode:** The light automatically turns on whenever motion is detected, regardless of ambient light conditions. It turns off if no movement is detected for 20 seconds.
- **Night Mode:** The light automatically turns on when motion is detected only in dim environments. It turns off if no movement is detected for 20 seconds.



Figure 5: Overview of the three primary work modes: Always On, Day Mode (motion detection anytime), and Night Mode (motion detection in dim light).

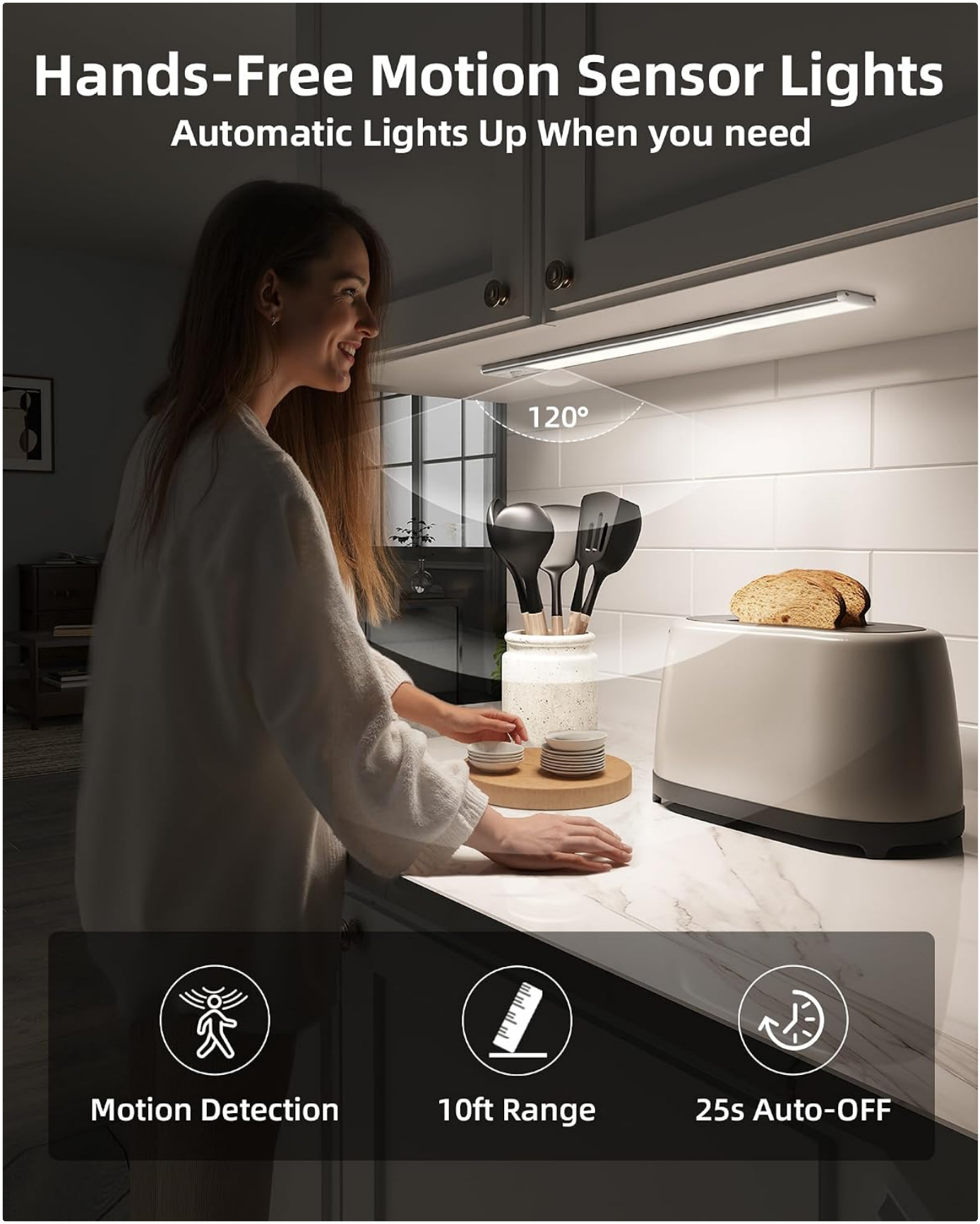


Figure 6: The motion sensor has a 120-degree sensing range and can detect motion up to 10 feet away.

Adjusting Color Temperature and Brightness

The lights feature touch controls for adjusting light settings:

- **Color Temperature:** Single press the temperature button to cycle through Warm Light (3000K), Natural Light (4200K), and White Light (6500K).
- **Brightness:** Single press the brightness button to select from 3 adjustable brightness levels: Low (15%), Medium

(60%), and High (100%).



Figure 7: Controls for dimming, color temperature, and motion sensing are located on the light unit.

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Video 2: EZVALO's 2025 upgraded motion sensor lights showcasing various features and applications.

MAINTENANCE

Recharging the Battery

When the light's brightness diminishes or it stops activating, it's time to recharge the internal 3200mAh Lithium Ion battery. Simply detach the light unit from its magnetic mounting, connect the provided USB-C charging cable, and plug it into a compatible USB power source. The charging indicator will show red while charging and turn green when fully charged.

Cleaning

To clean the light unit, gently wipe it with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these may damage the finish or electronic components.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted. Incorrect mode selected.	Charge the light fully. Ensure the light is set to "Always On", "Day Mode", or "Night Mode".
Motion sensor not activating.	Insufficient motion. Ambient light too bright (in Night Mode). Sensor obstructed.	Ensure sufficient movement within 10ft/120° range. Switch to "Day Mode" if ambient light is not dim. Clear any obstructions from the sensor.
Light turns off too quickly.	No continuous motion detected.	The light is designed to turn off after 20 seconds of inactivity to conserve energy. This is normal operation.
Light falls from mounting.	Adhesive not strong enough. Surface not clean.	Ensure the mounting surface is clean and dry before applying adhesive plates. Reapply new adhesive if necessary.

Specifications

Brand	EZVALO
Model Name	EZL2401A-37
Color	Silver
Material	Aluminum, Plastic
Product Dimensions	14.56"L x 1.53"W x 0.55"H
Item Weight	6.5 ounces (183 Grams)
Power Source	Battery Powered
Battery Type	1 Lithium Ion battery required (3200mAh)
Light Source Type	LED (134 LEDs)
Brightness	150 Lumen
Color Temperatures	Warm Light (3000K), Natural Light (4200K), White Light (6500K)
Special Features	Energy Efficient, Adjustable Color Temperature, Dimmable, Rechargeable, Motion Sensor

Control Method	Touch, Push Button
Mounting Type	Wall Mount, Magnetic Mount, Under Cabinet
Indoor/Outdoor Usage	Indoor

Warranty and Support

Warranty: The EZVALO 134 LED Under Cabinet Lights come with a Lifetime Warranty.

Support: If the product arrives damaged or if you encounter any quality issues, please contact EZVALO directly for assistance. We are committed to providing a satisfactory solution and ensuring every customer's shopping experience is positive.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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