EZVALO EZL2401A

EZVALO 10-inch Rechargeable Motion Sensor Under Cabinet Lighting User Manual

Model: EZL2401A

Introduction

Thank you for choosing the EZVALO 10-inch Rechargeable Motion Sensor Under Cabinet Lighting. This manual provides detailed instructions for the safe and efficient use of your new lighting system. Please read it thoroughly before installation and operation.

Package Contents

Verify that all items are present in your package:

- 2 x EZVALO 10-inch Motion Sensor Lights
- 4 x Adhesive Iron Sheets
- 1 x USB-C Charging Cable
- 1 x Instruction Manual (this document)



Image: Contents of the EZVALO 10-inch Under Cabinet Lighting package, showing two light bars, a USB-C charging cable, and adhesive iron sheets.

Product Features

- **Advanced Motion Sensor:** Detects movement within a 10 ft / 120° range, automatically activating the light. The light turns off after 20 seconds of no motion.

- **High Capacity Battery:** Equipped with a 2500mAh rechargeable battery, providing up to 11.5 hours of continuous use in Always-On Mode or 15-40 days in Auto Modes (usage dependent). Fully charges in approximately 2.5 hours via USB-C.
- **Versatile Lighting Modes:**
  - **OFF Mode:** Light remains off.
  - **Auto Night Mode:** Motion-activated only in dark environments.
  - **Auto Day Mode:** Motion-activated regardless of ambient light conditions.
  - **Always On Mode:** Provides continuous illumination.
- **Adjustable Color Temperature & Brightness:** Choose from Warm Light (3000K), Natural Light (4200K), and Cool White (6500K). Three brightness levels are available for customization.
- **Easy Installation:** Features built-in strong magnets for direct attachment to metal surfaces. For non-metal surfaces, use the provided adhesive-backed iron plates. No tools required.

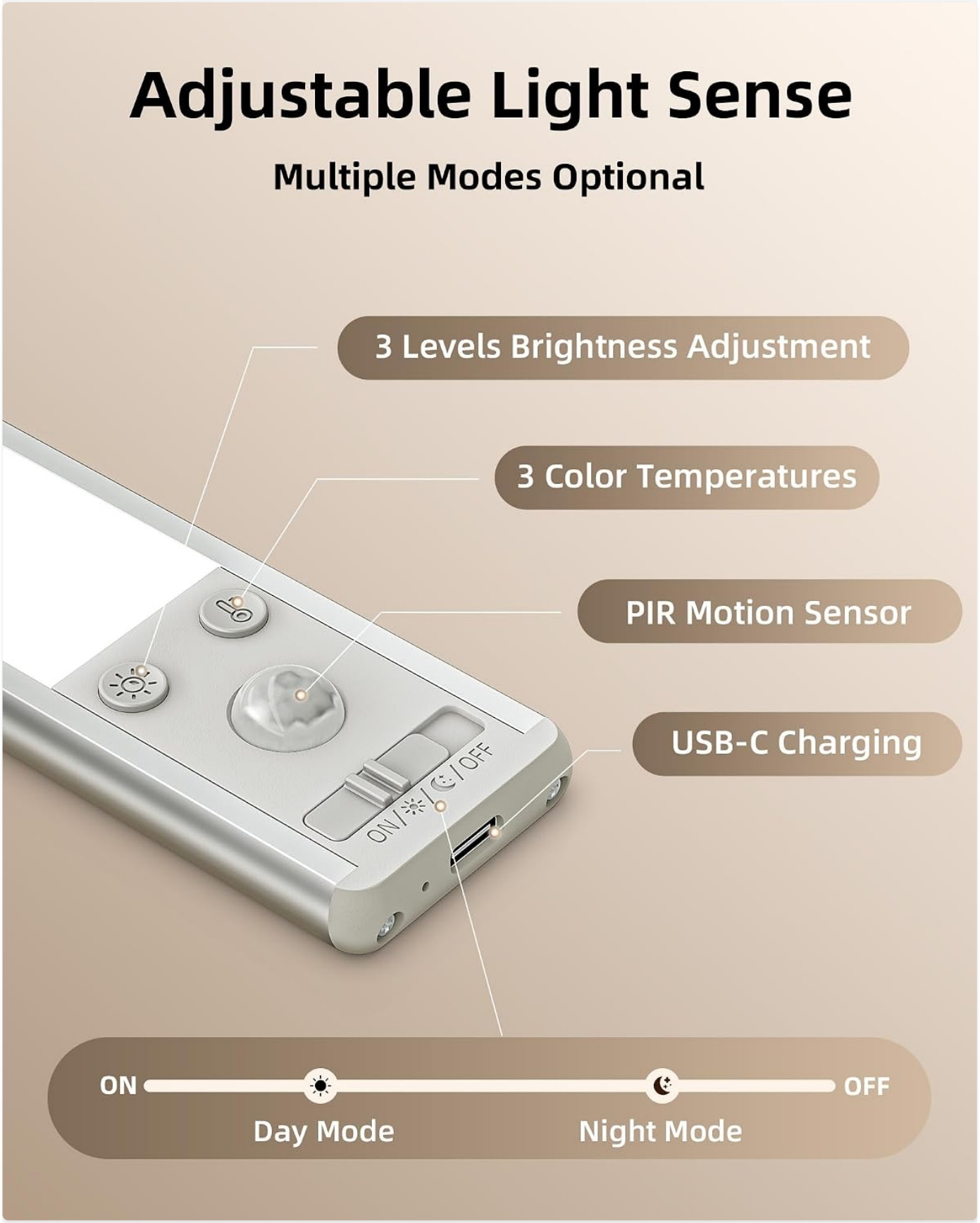


Image: Detailed view of the light bar's control panel, highlighting the ON/OFF/Day/Night switch, brightness adjustment, color temperature selection, PIR motion sensor, and USB-C charging port.

Installation

The EZVALO lights offer flexible installation options:

Method 1: Magnetic Attachment (for metal surfaces)

Simply place the light bar directly onto any magnetic metal surface. The built-in magnets will hold it securely.



Image: Diagram illustrating the internal magnetic components of the light bar for easy attachment to metal surfaces.

Method 2: Adhesive Iron Plate Attachment (for non-metal surfaces)

1. **Clean the Surface:** Ensure the desired installation surface is clean, dry, and smooth.
2. **Apply Adhesive Iron Plates:** Peel the protective film from the adhesive side of the iron plates. Stick the plates firmly to the chosen surface.
3. **Attach Light Bar:** Align the light bar with the installed iron plates. The light's built-in magnets will securely attach to the plates.



Image: Visual guide for installing the light using adhesive iron plates on various surfaces like ceramic tile, metal, wood, and glass, as well as direct magnetic attachment to refrigerators and metal racks.

Important Note: To ensure proper motion sensing and prevent interference, maintain a minimum installation distance of 20 inches between two lights when operating in "AUTO" mode.

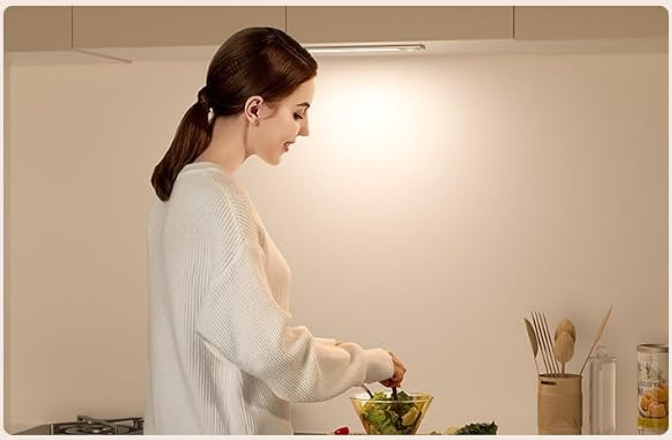
Operating Instructions

Power and Mode Selection

Locate the slide switch on the light bar. This switch controls the power and operating modes:

- Slide to **"OFF"**: The light is turned off.
- Slide to **"ON"**: The light enters Always On Mode, providing continuous illumination.
- Slide to **"Day Mode"** (represented by a sun icon): The light will activate when motion is detected, regardless of ambient light.
- Slide to **"Night Mode"** (represented by a moon icon): The light will activate only when motion is detected in a dark environment.

3 Work Modes



Always On Mode

Non-stop lighting

Day Mode

Automatically turns on whenever motion is detected





Night Mode

Automatically turns on when motion is detected at dark environment only

Image: Visual representation of the three main operating modes: Always On, Day Mode (motion-activated anytime), and Night Mode

(motion-activated in darkness).

Adjusting Color Temperature

Press the color temperature button (often depicted as a light bulb icon) to cycle through the available color temperatures:

- Warm Light (3000K)
- Natural Light (4200K)
- Cool White (6500K)

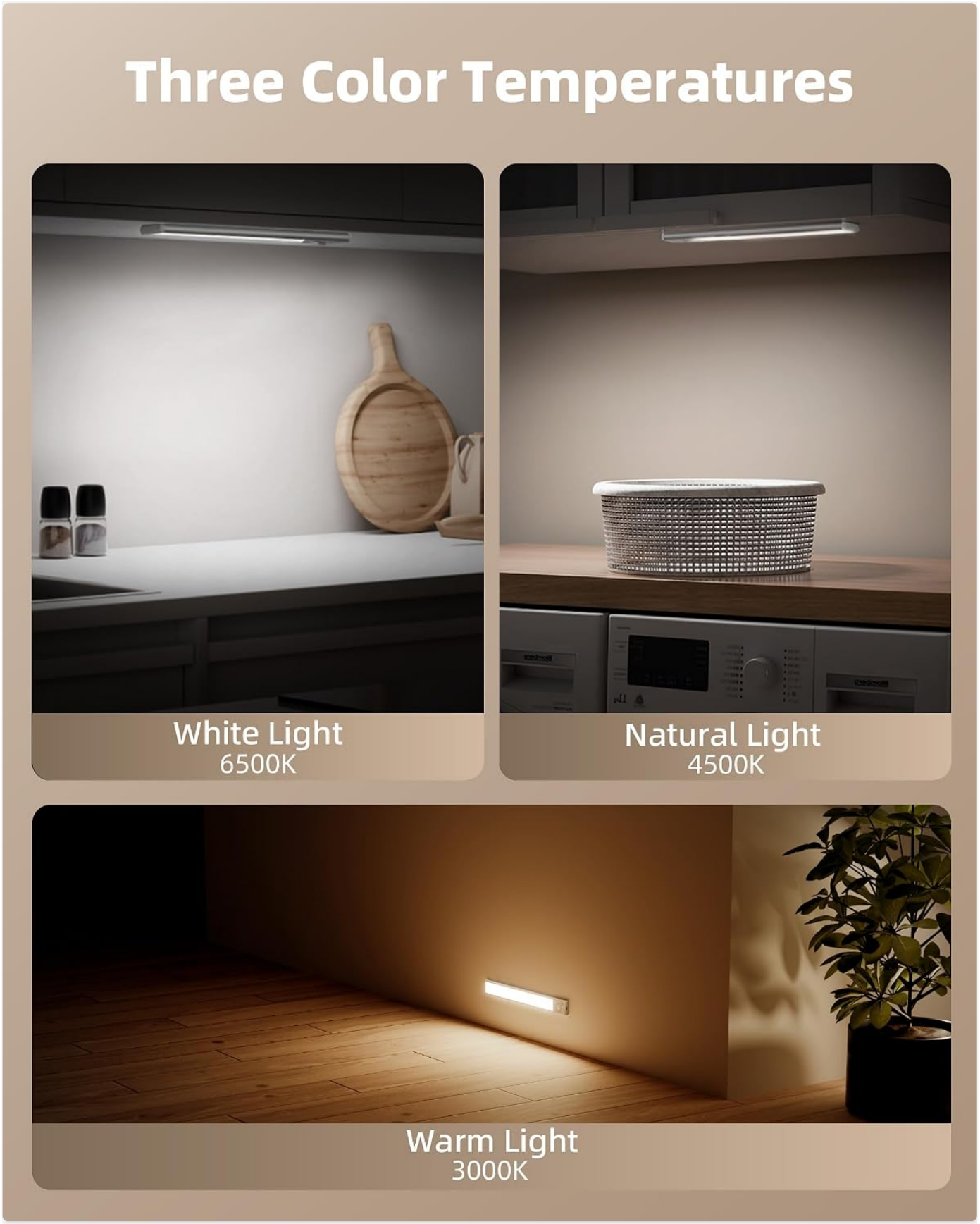


Image: Examples of the three distinct color temperatures (Warm Light 3000K, Natural Light 4200K, Cool White 6500K) in different settings.

Adjusting Brightness

Press the brightness adjustment button (often depicted as a sun icon with +/-) to cycle through the three brightness levels. This allows you to customize the light output for various tasks or ambient conditions.



Image: Visual representation of multiple brightness choices, showing 15%, 60%, and 100% brightness levels.

Maintenance

Charging the Battery

When the light output diminishes or the motion sensor becomes less responsive, it's time to recharge the battery. Connect the provided USB-C charging cable to the light bar's charging port and to a standard USB power source (e.g., phone charger, computer USB port).

- A full charge takes approximately 2.5 hours.
- The light will indicate charging status (e.g., red light for charging, green/blue for fully charged).



Image: Information graphic detailing the 2500mAh battery capacity, 11.5 hours of "Always On" usage, and 2.5 hours charging time, with a note to fully charge before first use.

Cleaning

Wipe the light bar with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted. Incorrect mode selected. Insufficient darkness in Night Mode.	Charge the light. Ensure switch is in "ON", "Day Mode", or "Night Mode". Test in a darker environment or switch to "Day Mode".
Motion sensor is not working.	Obstruction blocking sensor. Battery is low. Lights too close together in Auto Mode.	Clear any obstructions from the sensor. Charge the light. Ensure lights are at least 20 inches apart.
Light flickers or is dim.	Low battery.	Recharge the light fully.
Light falls off surface.	Adhesive not strong enough. Surface not clean/smooth.	Ensure surface is clean and dry before applying adhesive plates. Consider using stronger adhesive if needed.

Specifications

Feature	Detail
Brand	EZVALO
Model Name	EZL2401A
Size	10 inch (9.84"L x 1.54"W x 0.55"H)
Color	Silver
Material	Acrylonitrile Butadiene Styrene, Aluminum
Power Source	Battery Powered (Rechargeable Lithium Ion)
Battery Capacity	2500mAh
Charging Time	Approx. 2.5 hours
Light Source Type	LED (80 LEDs)
Brightness	100 Lumen (Adjustable)
Color Temperatures	3000K (Warm), 4200K (Natural), 6500K (Cool White)
Motion Sensor Range	10 ft / 120°
Auto-Off Time	20 seconds (after no motion detected)
Installation Type	Magnetic/Adhesive Mount
Indoor/Outdoor Usage	Indoor
Voltage	5 Volts

Feature	Detail
Water Resistance Level	Not Water Resistant

Warranty and Support

This EZVALO product comes with a**Lifetime Warranty** as specified by the manufacturer. For warranty claims or technical support, please contact EZVALO customer service through the retailer where the product was purchased or visit the official EZVALO website for contact information.
Please retain your proof of purchase for warranty purposes.

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