EZVALO EZL2417A-30

EZVALO LED Cabinet Lights 30CM (3-Pack) Instruction Manual

Model: EZL2417A-30 | Brand: EZVALO

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EZVALO LED Cabinet Lights. Please read this manual thoroughly before using the product to ensure proper function and safety.



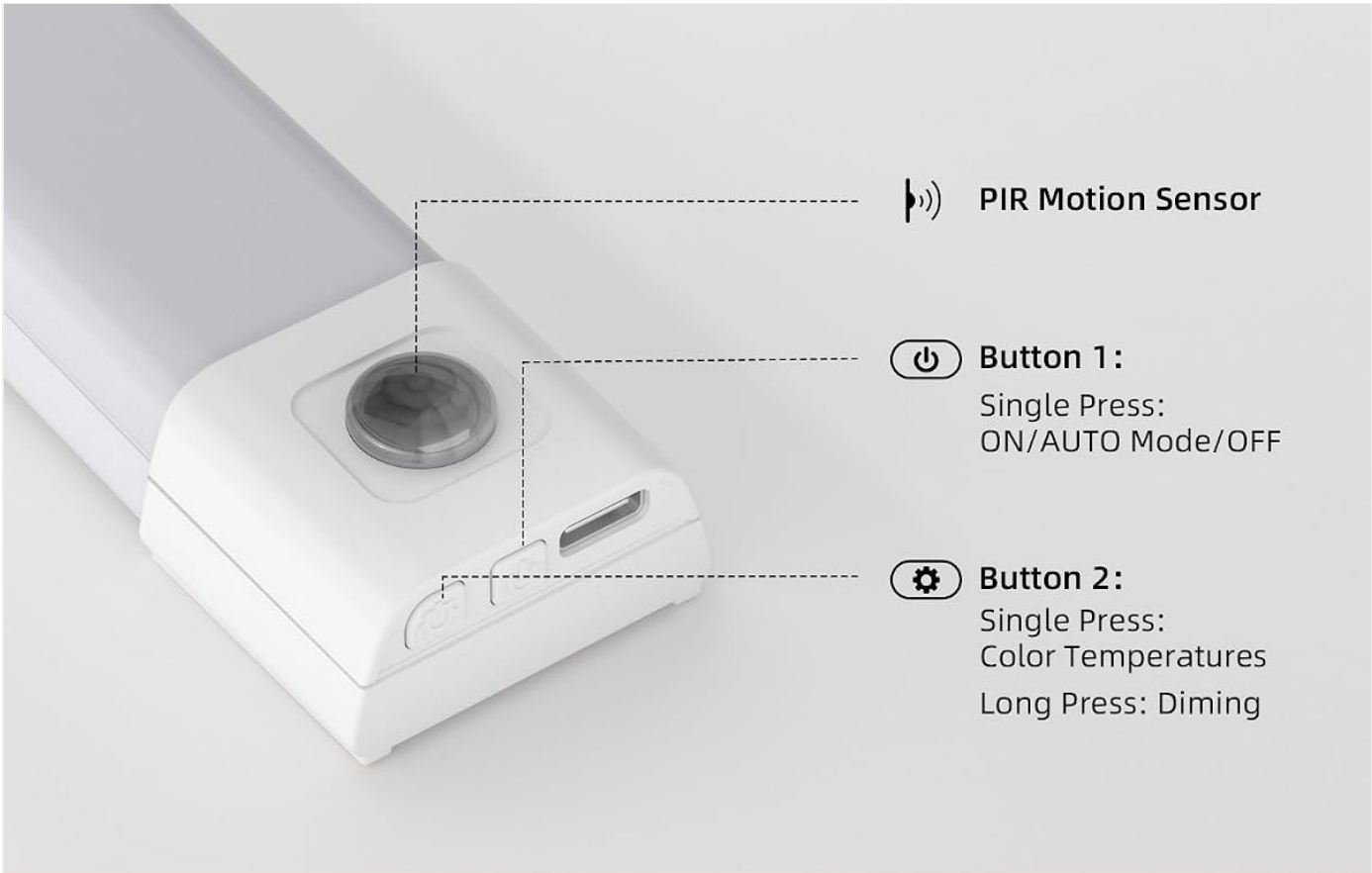
Image 1.1: Overview of the EZVALO LED Cabinet Lights (3-pack) and included USB charging cables.

2. Product Overview

The EZVALO LED Cabinet Lights are designed to provide versatile illumination with motion detection, adjustable brightness, and multiple color temperature options. They are suitable for various indoor applications such as kitchens, wardrobes, and staircases.

Key Features:

- **PIR Motion Detection:** Automatically activates the light when motion is detected within a 3-meter (10-foot) / 120° range.
- **Multiple Operating Modes:** Includes Always-on mode, Auto (motion sensor) mode, and Night mode (motion sensor in dark environments).
- **Adjustable Color Temperature:** Choose from Warm (3000K), Warm White (4200K), and White (6500K).
- **Dimmable Brightness:** Adjust light intensity from 15% to 100%.
- **Rechargeable Battery:** Equipped with a 1000mAh battery for extended use.
- **Easy Installation:** Magnetic attachment for quick and secure mounting.



Color Temperature:

Single press to change color temperature



Adjustable Brightness:

Long Press to adjust brightness

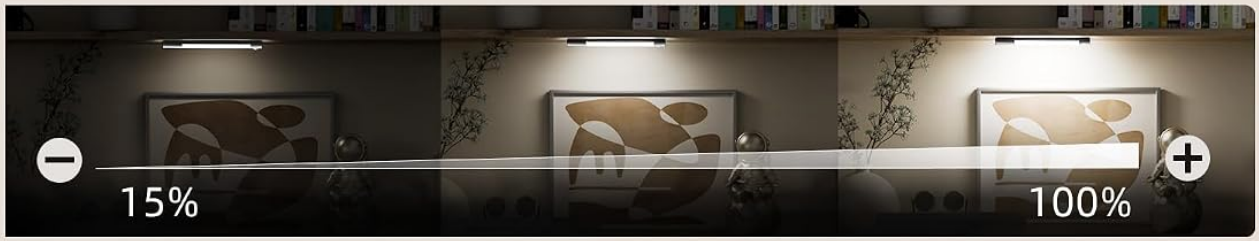


Image 2.1: Detailed view of the control buttons and motion sensor on the light bar.

Button 1 (Power/Mode): Single press to cycle ON / AUTO Mode / OFF.

Button 2 (Color/Brightness): Single press to change color temperature (3000K, 4200K, 6500K). Long press to adjust brightness (dimming).

3. Setup and Installation

Initial Charge:

Before first use, fully charge the lights using the provided USB cable. The charging indicator light will change color (e.g., red to green) when fully charged. A full charge typically takes approximately 3 hours.



Image 3.1: The light bar indicating a 1000mAh rechargeable battery and USB-C charging port.

Mounting Instructions:

The EZVALO LED Cabinet Lights feature integrated magnets for easy installation on metallic surfaces or with the included adhesive magnetic strips.

1. **Prepare Surface:** Ensure the desired installation surface is clean and dry.
2. **Attach Metal Plate:** Peel off the protective film from one side of the adhesive metal plate. Attach this side to the back of the

light bar, aligning it with the magnetic area.

3. **Mount Light:** Peel off the protective film from the other side of the adhesive metal plate. Firmly press the light bar onto the desired installation surface.

Installation Recommendation: For optimal motion detection performance, install the light less than 5 cm from the front edge of the cabinet or shelf.



Image 3.2: Step-by-step guide for installing the light using the magnetic mounting strip.

4. Operating Instructions

Power and Mode Selection:

Use **Button 1** (Power/Mode button) to cycle through the operating modes:

- **ON Mode:** The light remains continuously on.
- **AUTO Mode:** The light activates automatically when motion is detected in a dark environment. It turns off after 20 seconds of no motion.
- **OFF Mode:** The light is turned off.

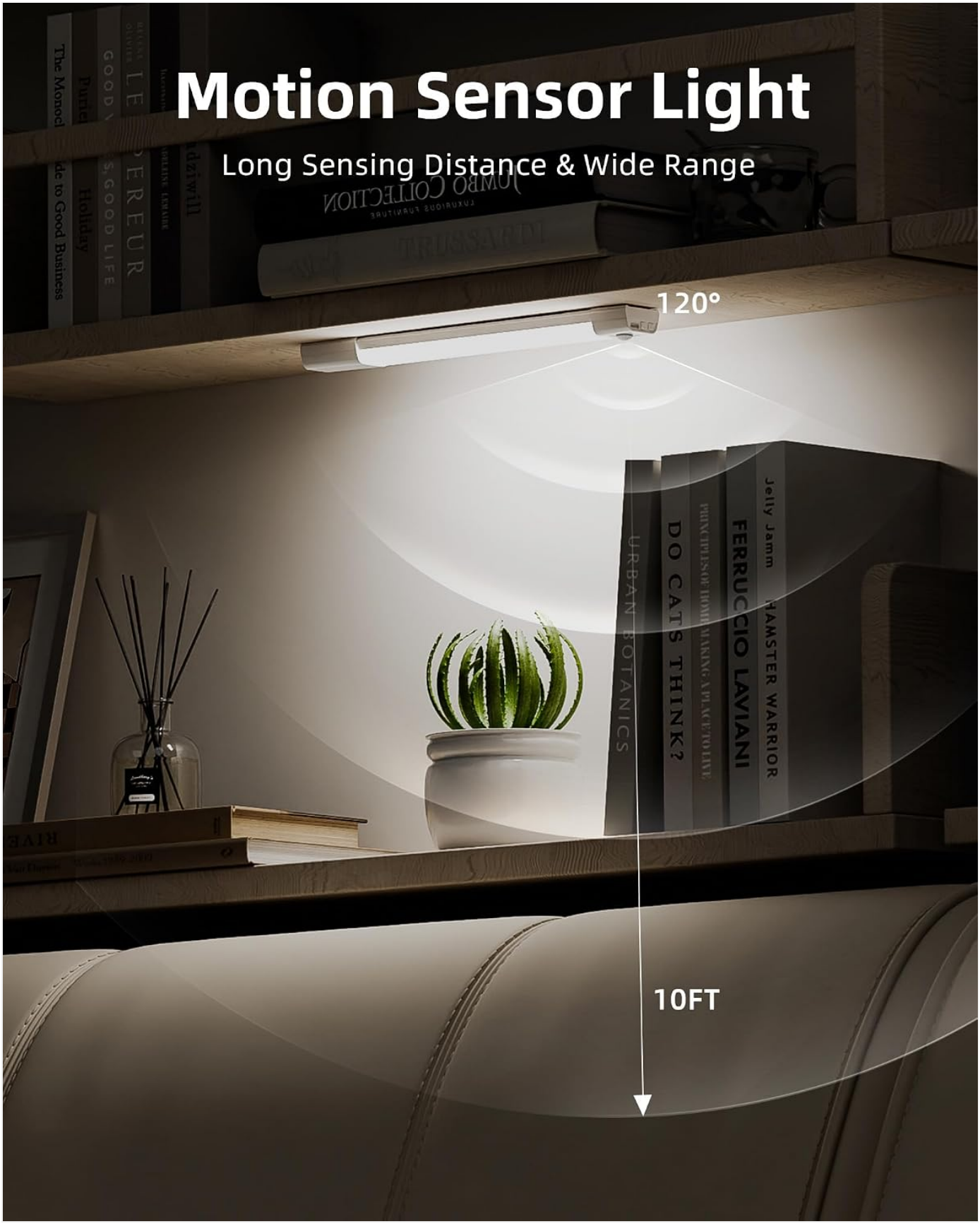


Image 4.1: Illustration of the motion detection range (120 degrees, up to 3 meters).

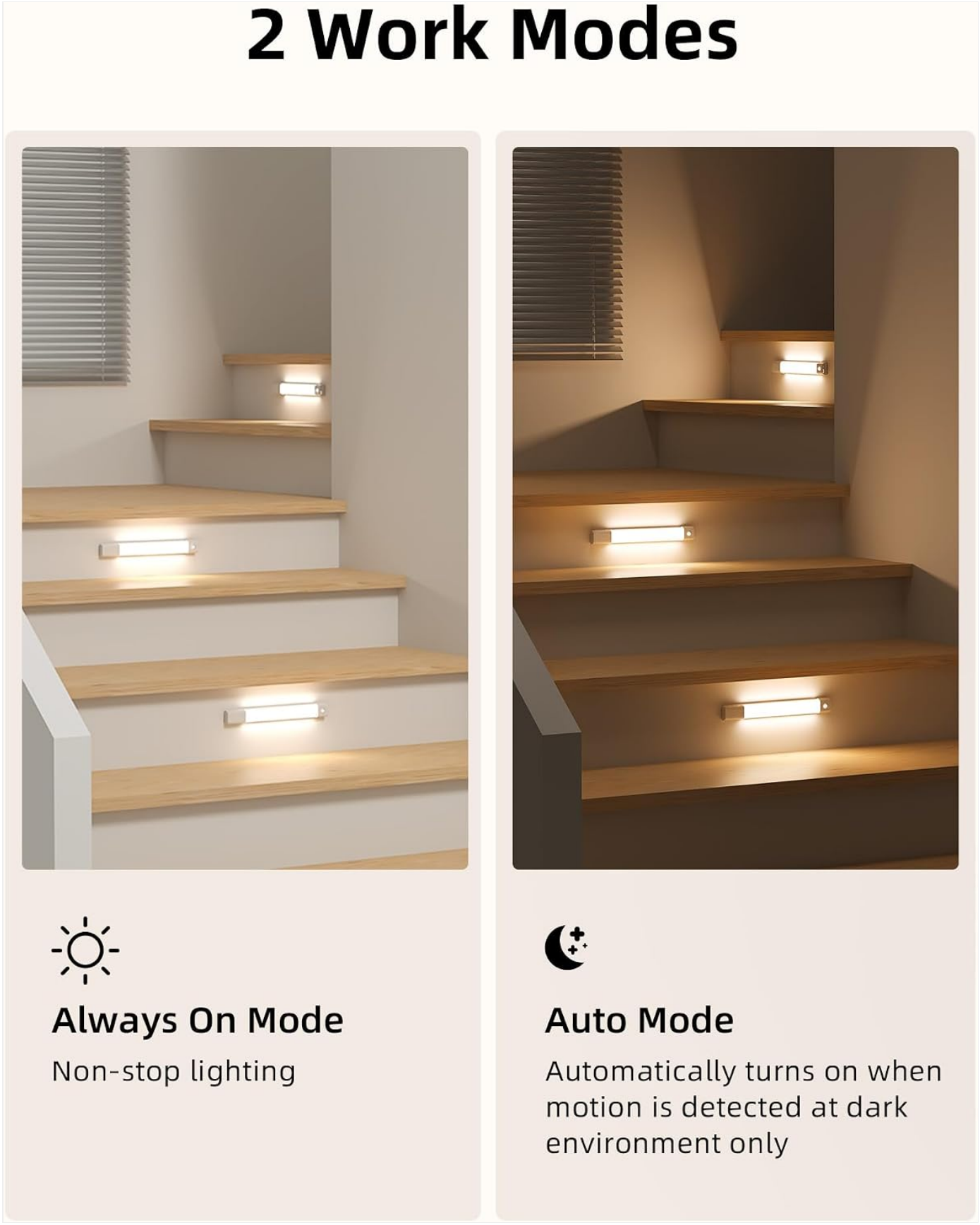


Image 4.2: Visual comparison of Always On mode and Auto mode for stair lighting.

Adjusting Color Temperature:

With the light on, single press **Button 2** (Color/Brightness button) to cycle through the three available color temperatures:

- **3000K (Warm):** Provides a soft, warm glow.
- **4200K (Warm White):** Offers a neutral, balanced light.
- **6500K (White):** Delivers a bright, cool white light.

Adjusting Brightness:

With the light on, long press **Button 2** (Color/Brightness button) to adjust the brightness level. The brightness will cycle between 15% and 100%. Release the button when the desired brightness is reached.



Image 4.3: Visual representation of adjustable color temperatures and brightness levels.

5. Maintenance

- **Cleaning:** Wipe the light surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Charging:** Recharge the battery when the light dims or stops functioning. Use only the provided USB cable or a compatible 5V USB charger.
- **Storage:** If storing the lights for an extended period, charge them fully every 3-6 months to maintain battery health.
- **Environmental Conditions:** Avoid exposing the lights to extreme temperatures, high humidity, or direct water contact.

6. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light fully.
Motion sensor not working in AUTO mode.	Environment is too bright. Light is not in AUTO mode. Sensor obstructed.	Ensure the environment is dark enough. Press Button 1 to select AUTO mode. Clear any obstructions from the sensor.
Light flickers or dims unexpectedly.	Low battery.	Recharge the light.
Cannot change color temperature or brightness.	Incorrect button press.	Single press Button 2 for color, long press for brightness. Ensure light is ON.

7. Specifications

Brand: EZVALO

Model Number: EZL2417A-30

Dimensions (L x W x H): Approximately 30 cm x 1 cm x 1 cm (Note: Product title indicates 30cm length; JSON specifications list 1x1x1 cm, which is likely a placeholder or error.)

Weight: 358 grams (for the pack of 3)

Material: Acrylonitrile Butadiene Styrene (ABS)

Light Source: LED (50 LEDs per light)

Color Temperatures: 3000K (Warm), 4200K (Warm White), 6500K (White)

Luminous Flux: 70 lm

Power: 5 Watts

Voltage: 5 Volts

Battery: Rechargeable 1000mAh (Note: Product feature bullets mention 500mAh, but product images indicate 1000mAh. This manual uses the 1000mAh value as shown in product visuals.)

Charging Type: USB (Type-C cable included)

Motion Sensor Range: 3 meters (10 feet) / 120°

Installation Type: Wall Mount (Magnetic)

Energy Efficiency Label: A

8. Safety Information

- Do not disassemble or modify the product.
- Keep away from water and high humidity environments.
- Do not expose to direct sunlight or high temperatures.
- Keep out of reach of children.
- Use only the specified charging voltage (5V).

9. Warranty and Support

For warranty information or technical support, please contact EZVALO customer service through your purchase platform or visit the official EZVALO website. Please retain your proof of purchase for warranty claims.
Seller: EZVALO EU

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