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EZVALO LITE-23

EZVALO 3 Pack Under Cabinet Lighting System

MODEL: LITE-23

User Manual

1. Introduction

Thank you for choosing the EZVALO Under Cabinet Lighting System. This manual provides essential information for the safe and efficient use of your new lights. Please read it thoroughly before installation and operation, and retain it for future reference.

This system includes three rechargeable LED lights with motion sensing capabilities, dimming, and a remote control for convenient operation. Designed for various indoor spaces, these lights offer flexible illumination solutions.

2. Package Contents

Verify that all items listed below are included in your package:

- 3 x 9-inch Under Cabinet Lights
- 6 x Adhesive Iron Sheets
- 1 x Remote Control
- 1 x Instruction Manual (This document)
- USB-C Charging Cables (Quantity may vary, typically one per light or one for all)

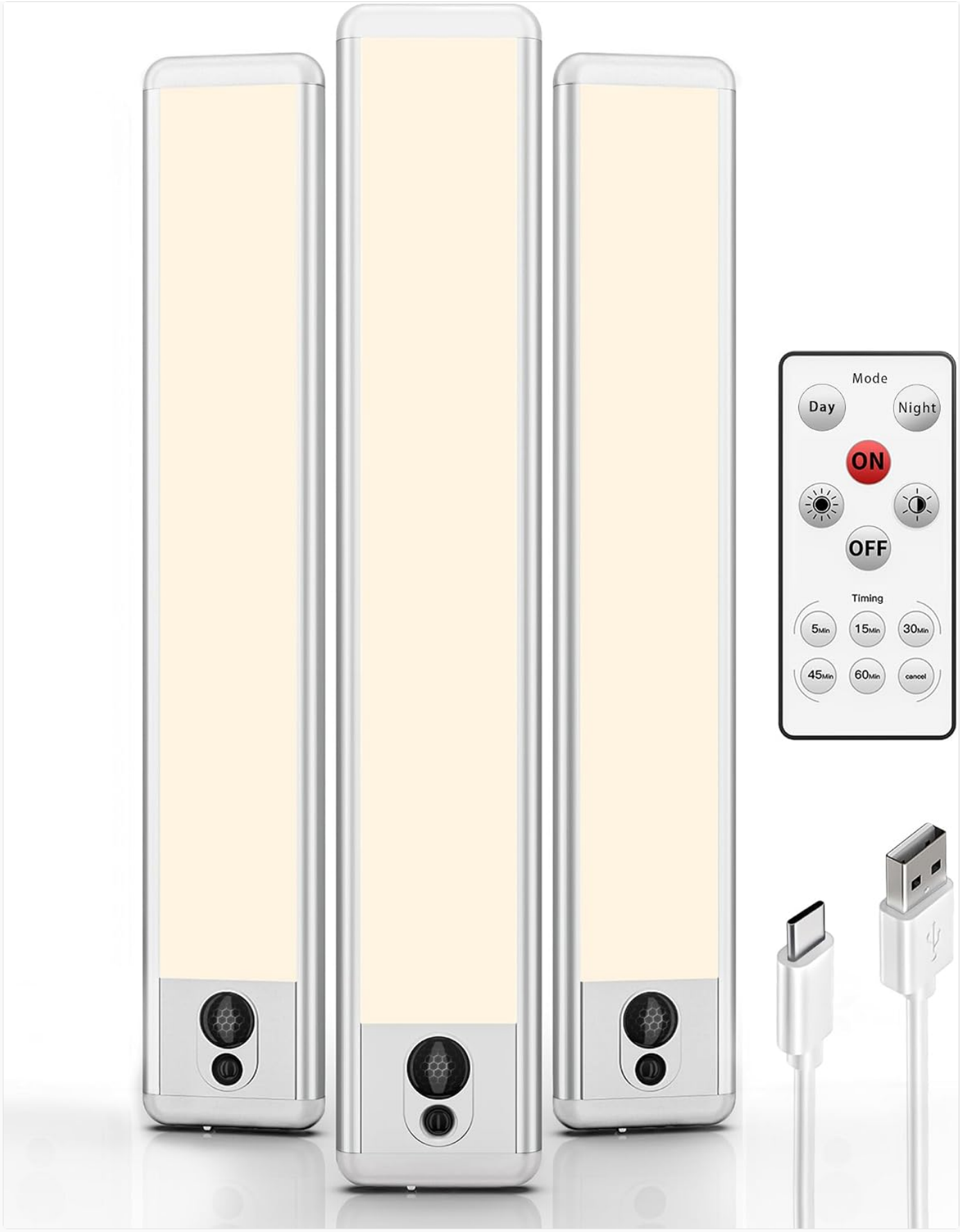


Image: Overview of the EZVALO Under Cabinet Lights, remote control, and charging cables.

3. Product Features

- **Rechargeable Battery:** Each light features a 1600mAh lithium-polymer battery, providing up to 7-8 hours of continuous illumination at maximum brightness or 30-45 days in AUTO mode (based on 10-20 activations per day).
- **Motion Sensor:** Detects motion within a 10ft / 120° range, automatically activating the light in appropriate modes.

- **Wireless Installation:** Integrated magnets allow direct attachment to metal surfaces. For non-metal surfaces, use the provided adhesive iron sheets.
- **Remote Control:** Adjust brightness (10%-100%), set timers (5, 15, 30, 45, 60 minutes), and switch between operating modes (ON, AUTO Day, AUTO Night, OFF).
- **Multiple Operating Modes:**
  - **Always-On Mode:** Provides continuous lighting.
  - **AUTO Day Mode:** Light activates with motion regardless of ambient light.
  - **AUTO Night Mode:** Light activates with motion only in dark environments.
  - **OFF Mode:** Light remains off.

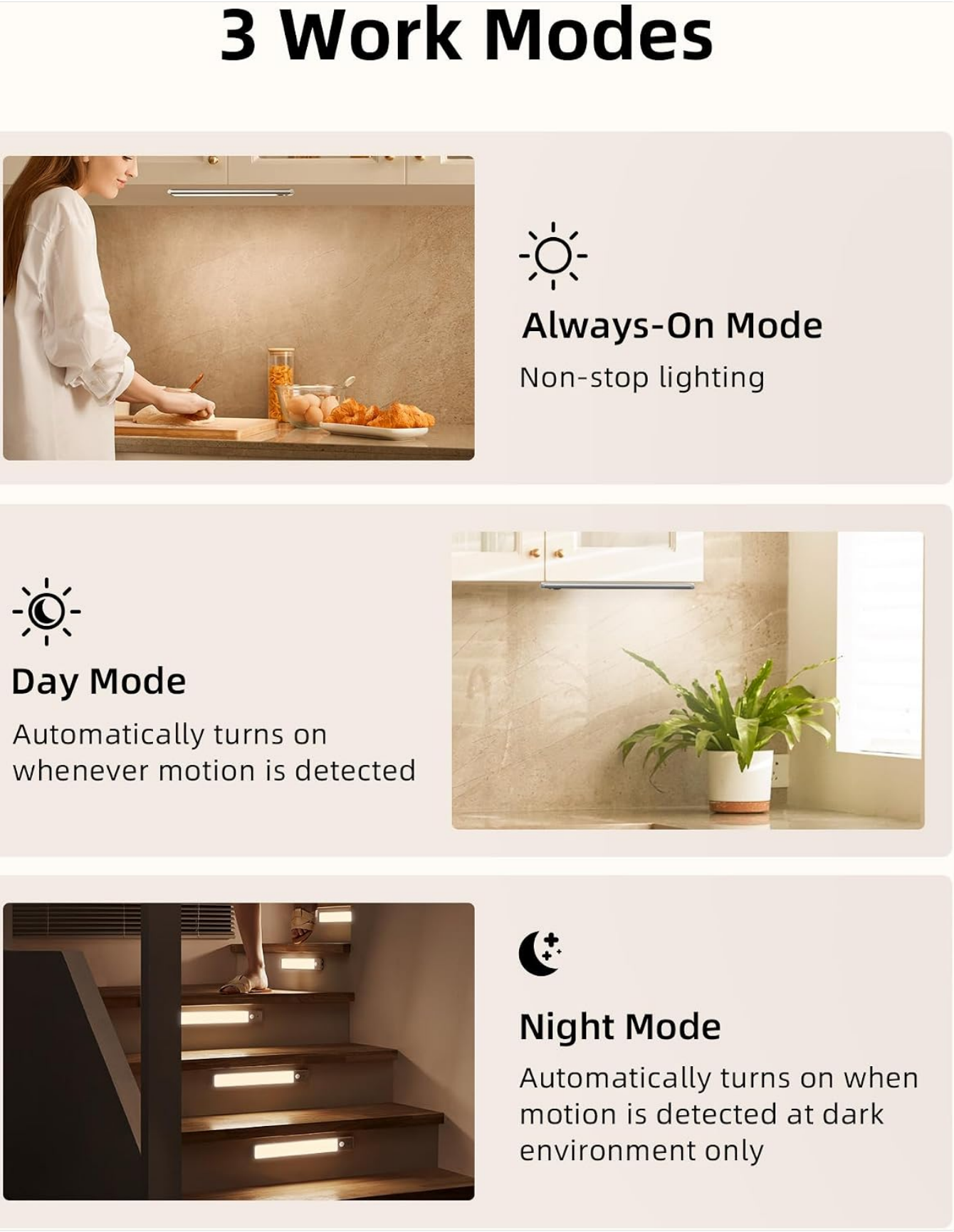


Image: Explanation of the three operating modes: Always-On, Day Mode, and Night Mode.

4. Safety Information

Please observe the following safety precautions to prevent damage to the product or personal injury:

- Do not disassemble, repair, or modify the product. Unauthorized modifications may void the warranty and pose safety risks.

- Keep the product away from water, moisture, and high temperatures. It is designed for indoor use only and is not water-resistant.
- Do not expose the battery to extreme heat or direct sunlight.
- Use only the provided USB-C charging cables or certified equivalents.
- Ensure proper ventilation during charging.
- Keep out of reach of children.

5. Setup and Installation

The EZVALO lights offer flexible installation options:

5.1 Initial Charging

Before first use, fully charge the lights. Connect the USB-C charging cable to the light and a standard USB power adapter (not included). The charging indicator light will be red during charging and turn green when fully charged. A full charge typically takes approximately 3 hours.

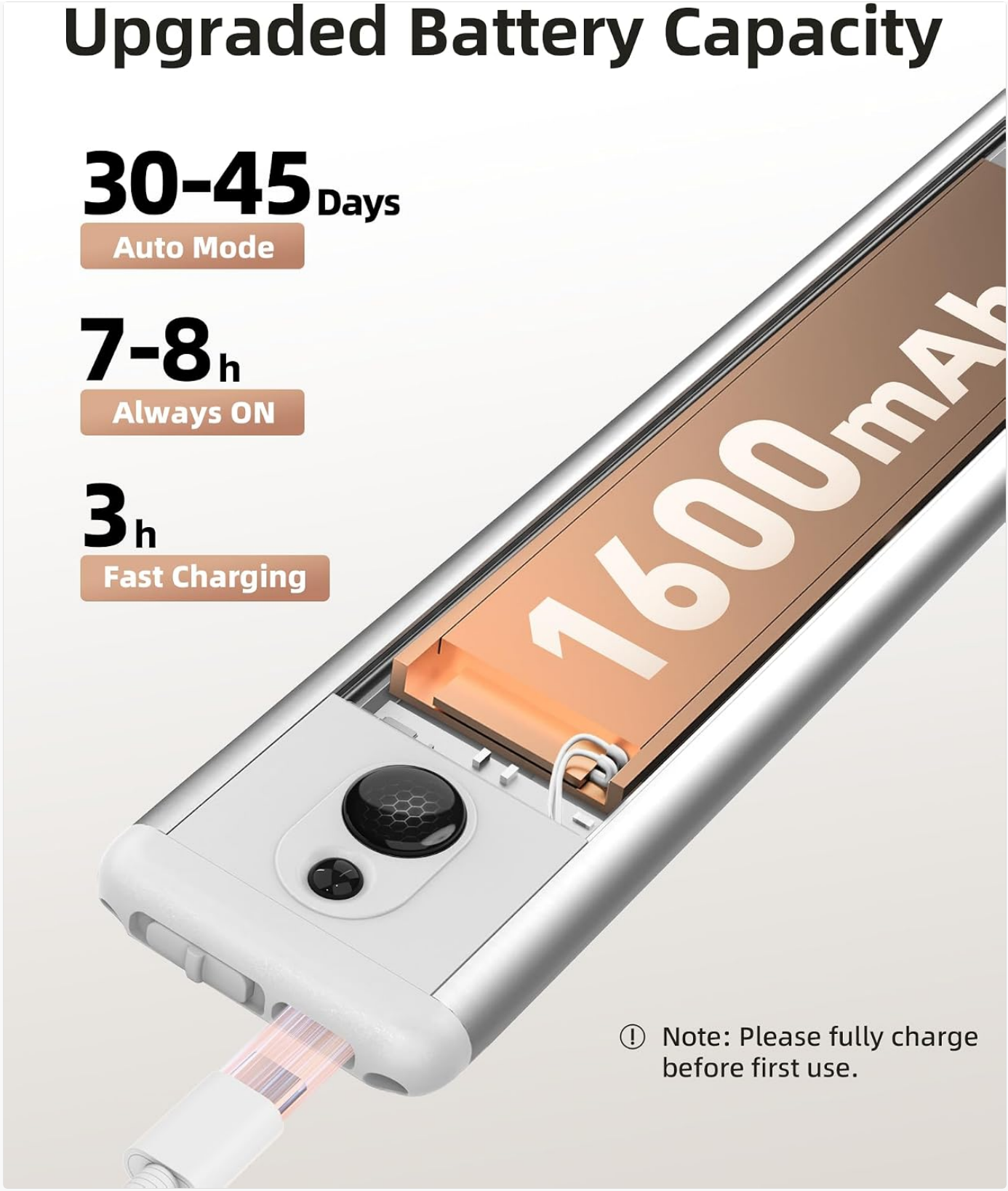


Image: Illustration of the light's battery capacity and charging port.

5.2 Mounting the Lights

The lights can be attached directly to magnetic metal surfaces. For non-magnetic surfaces, use the provided adhesive iron sheets:

1. **Prepare the Surface:** Clean the installation surface thoroughly to remove any stains, water, oil, or dust. Ensure the surface is smooth and dry.
2. **Attach Iron Sheets:** Peel the protective film from one side of an adhesive iron sheet. Attach it firmly to the desired location on your cabinet, wall, or other surface. Repeat for the second iron sheet, ensuring they are aligned with the laser-engraved marks on the back of the light.

3. **Mount the Light:** The light has built-in magnets. Simply snap the light onto the attached iron sheets. The strong magnetic force will hold it securely.
4. **Positioning:** For optimal motion sensing performance, it is recommended to install the light within 2 inches from the front edge of a cabinet or shelf.

Important Note on Adhesive: Avoid repeated use of the adhesive tape. Press firmly for more than 5 seconds during initial application. Do not apply directly to concave, convex, or rough surfaces.



Image: Step-by-step guide for installing the lights with adhesive mounting strips.

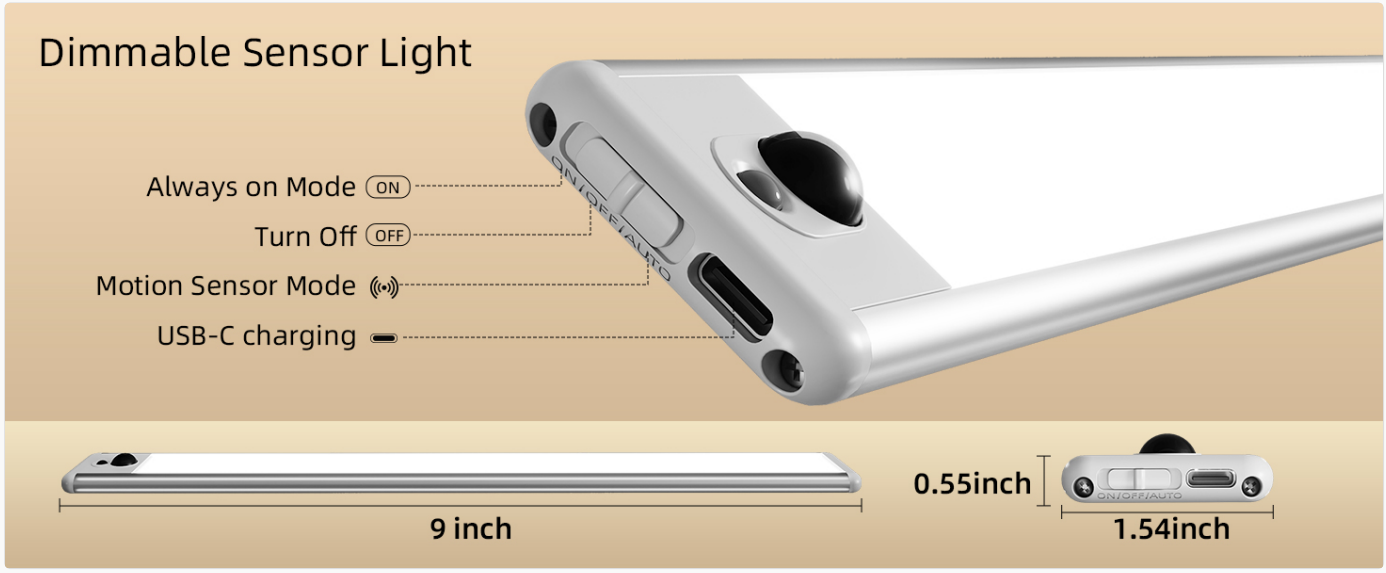


Image: Recommended installation distance from the cabinet edge for best performance.

6. Operation

Your EZVALO lights can be controlled via the physical switch on the light unit or the included remote control.

6.1 Light Unit Switch

Each light unit has a physical switch with three positions:

- **ON:** The light will remain continuously on.
- **OFF:** The light will remain off.
- **AUTO (Motion Sensor Mode):** The light will activate based on motion detection and ambient light conditions (Day or Night mode, as set by remote or default).

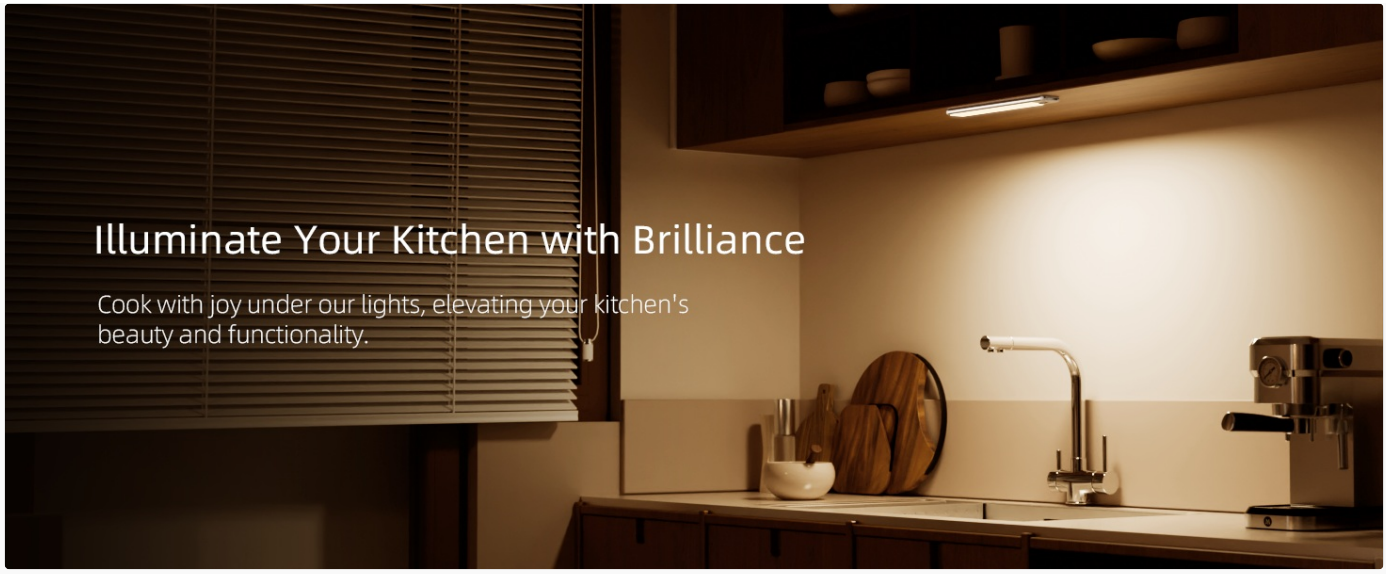


Image: Detail of the light's physical switch and charging port.

6.2 Remote Control Functions

The remote control allows for comprehensive management of your lights:

- **ON Button:** Activates continuous lighting.
- **OFF Button:** Turns the lights off.
- **Day Mode Button:** Sets the motion sensor to activate the light with motion during both day and night.
- **Night Mode Button:** Sets the motion sensor to activate the light with motion only in dark environments.
- **Dimming Buttons (+/-):** Adjusts brightness from 10% to 100%.
- **Timer Buttons (5min, 15min, 30min, 45min, 60min):** Sets the duration for the light to stay on before automatically turning off.
- **Cancel Button:** Cancels any active timer setting.

Note: If you dim the light with the remote and then manually turn it off and on (or switch to AUTO mode) using the physical switch, the brightness setting may revert to the brightest setting. To retain brightness settings, use the remote to turn the light off and then press the 'Night' or 'Day' button on the remote to reactivate it.

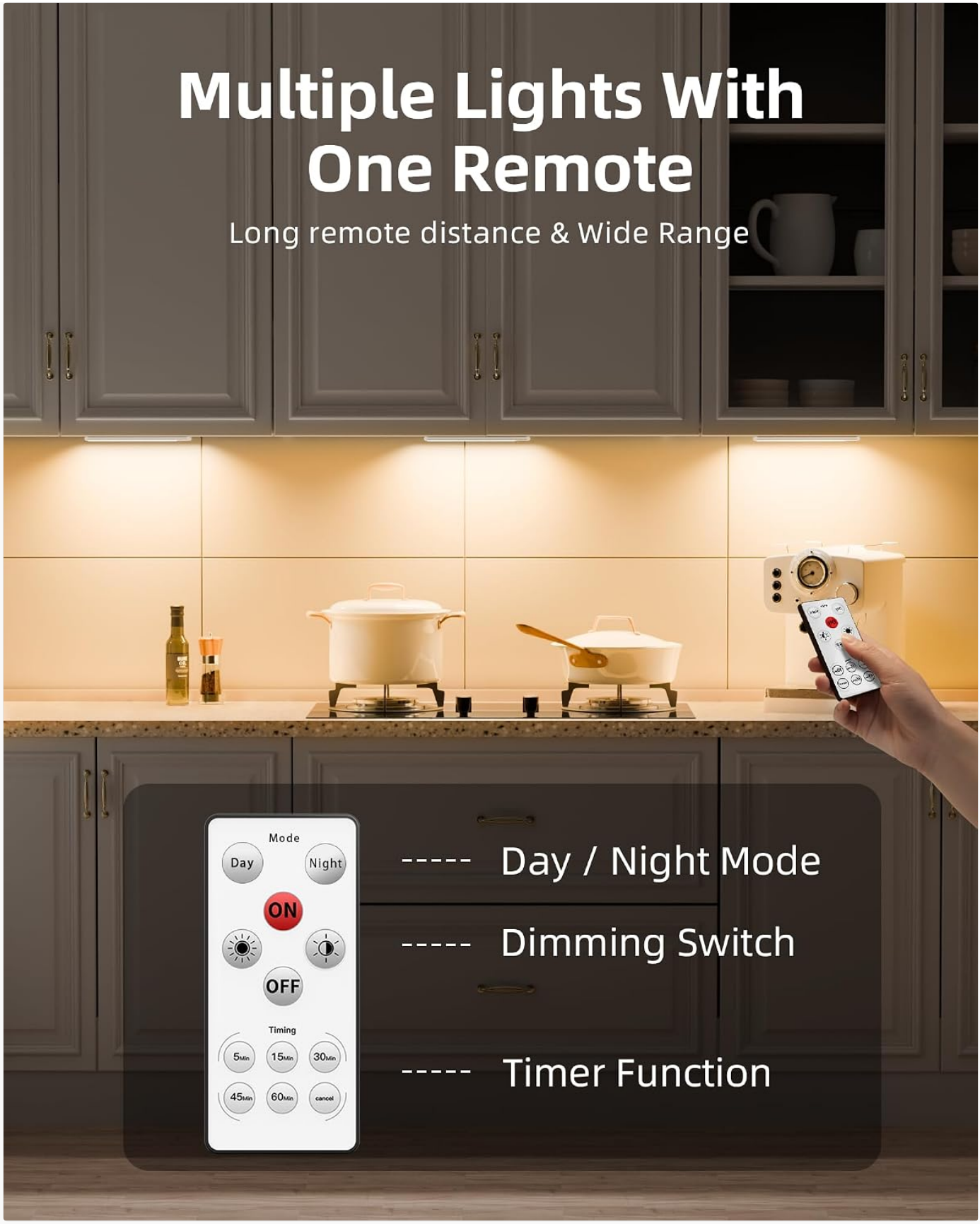


Image: Remote control layout and its functions for managing the lights.

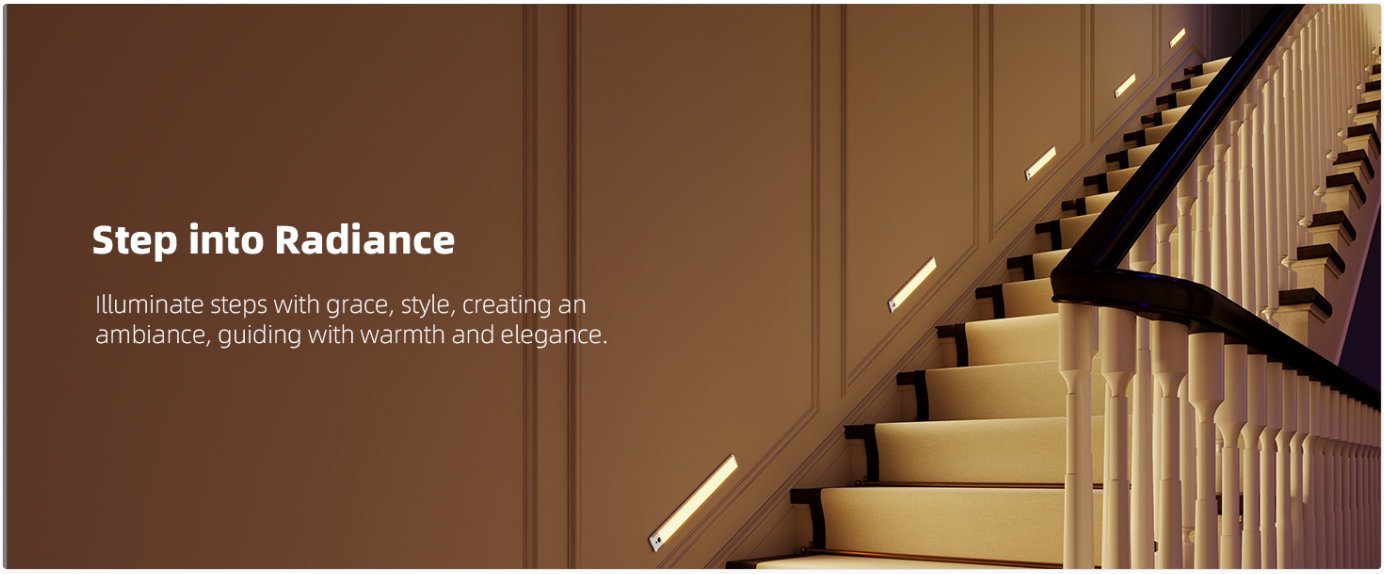


Image: Visual representation of brightness adjustment and timer settings.

6.3 Motion Sensor Operation

In AUTO mode, the motion sensor detects movement within a 10ft / 120° range. The light will automatically turn off after 20 seconds of no detected movement. In Day Mode, the sensor activates the light regardless of ambient light. In Night Mode, the sensor only activates the light in dark environments to conserve energy.

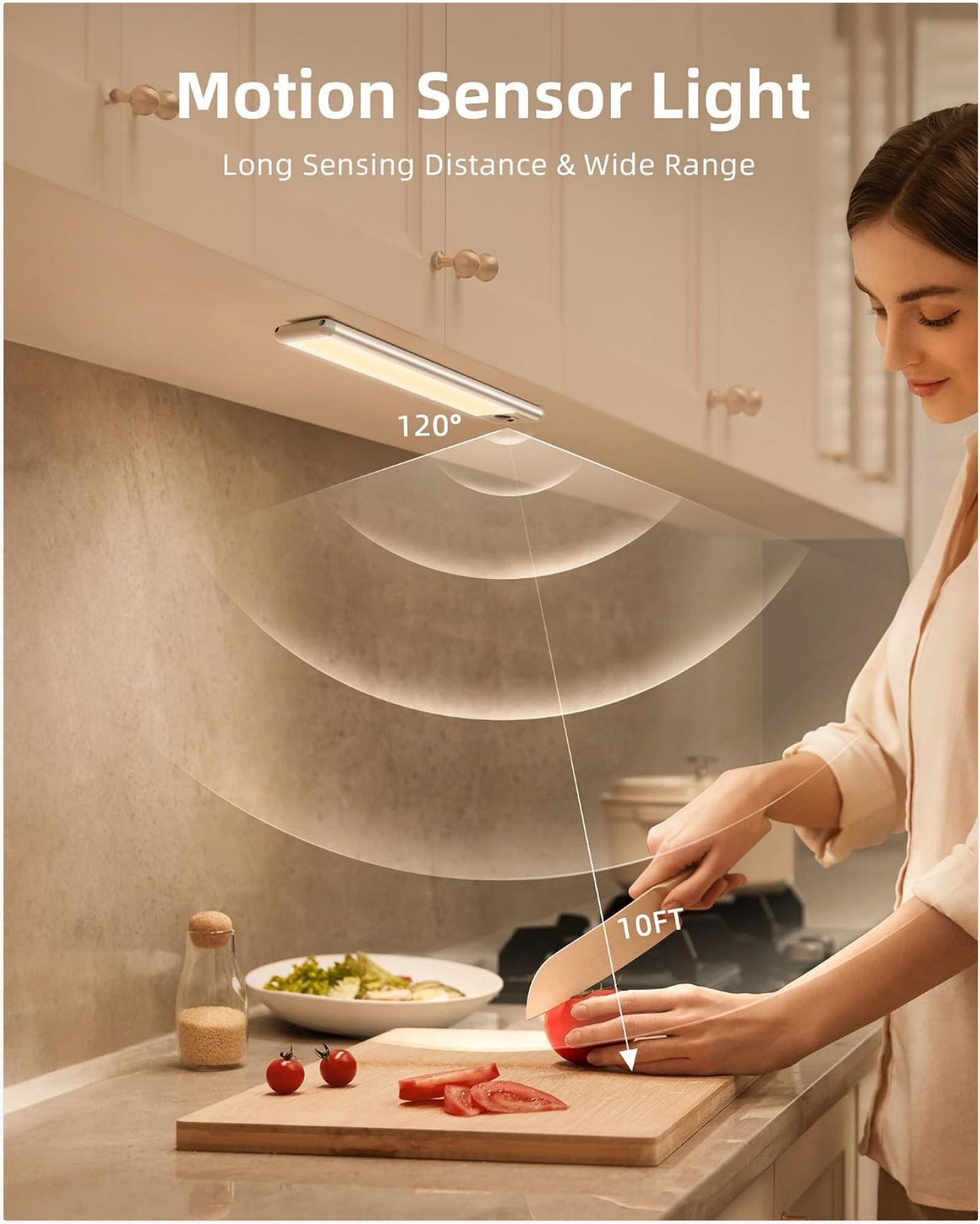


Image: Illustration of the motion sensor's detection range.



Image: Depiction of the intelligent sensing mode, showing automatic activation and deactivation.

7. Charging

When the light's brightness diminishes or it stops responding, it indicates a low battery and requires recharging. Use the provided USB-C cable to connect the light to a 5V USB power source.

- **Charging Indicator:** A red light indicates the unit is charging. A green light indicates the unit is fully charged.
- **Charging Time:** Approximately 3 hours for a full charge.
- **Battery Life:** Up to 7-8 hours in Always-On mode (max brightness) or 30-45 days in AUTO mode (low brightness, 10-20 activations/day).



Image: Details on battery capacity, charging duration, and operational lifespan.

8. Maintenance

To ensure the longevity and optimal performance of your EZVALO lights:

- **Cleaning:** Wipe the lights with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** If storing for an extended period, charge the lights fully every 3-6 months to maintain battery health. Store in a cool, dry place.
- **Sensor Care:** Keep the motion sensor lens clean and unobstructed for accurate detection.

9. Troubleshooting

If you encounter issues with your EZVALO lights, refer to the following common problems and solutions:

- **Light does not turn on:**
  - Ensure the light is charged.
  - Check the physical switch position (ON or AUTO).
  - If in AUTO Night mode, ensure the environment is dark enough.
  - Verify the motion sensor is not obstructed.
- **Motion sensor not working:**
  - Ensure the light is in AUTO mode.
  - Check for obstructions in front of the sensor.
  - Confirm the light is charged.
  - If in AUTO Night mode, ensure sufficient darkness.
- **Remote control not working:**
  - Ensure the light is within range and there are no obstructions between the remote and the light.
  - Check the remote control battery (uses CR2025). Replace if necessary.
  - Point the remote directly at the light's sensor area.
- **Light is dim or battery life is short:**
  - Fully recharge the light.
  - Reduce brightness using the remote control.
  - Ensure the light is not in a location with frequent motion, which would drain the battery faster.

10. Specifications

Feature	Specification
Brand	EZVALO
Model Name	LITE-23
Color Temperature	3500 Kelvin (Warm White)
Material	Aluminum
Product Dimensions	9"L x 1.5"W x 0.35"H (22.86cm L x 3.81cm W x 0.89cm H)
Item Weight	Approx. 0.35 lbs (0.16 kg) per light
Power Source	Battery Powered (1 Lithium Ion battery included per light)
Battery Capacity	1600mAh
Charging Time	Approx. 3 hours
Control Method	Remote Control, Physical Switch
Special Features	Dimmable, Energy Efficient, Motion Sensor

Motion Sensor Range	10ft / 120°
Light Source Type	LED
Brightness	100 Lumen (Max)
Installation Type	Magnetic / Surface Mount
Indoor/Outdoor Usage	Indoor Only
Water Resistance Level	Not Water Resistant

11. Warranty and Support

EZVALO provides a 24-month warranty for this product, covering manufacturing defects from the date of purchase. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

For technical support, warranty claims, or any questions regarding your EZVALO Under Cabinet Lighting System, please contact our customer service. Refer to the product packaging or the EZVALO official website for contact information.

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