

EverBrite EB-70LED-Dimmer-Motion

EverBrite EB-70LED-Dimmer-Motion Under Cabinet Lighting User Manual

Model: EB-70LED-Dimmer-Motion | Brand: EverBrite

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your EverBrite EB-70LED-Dimmer-Motion Under Cabinet Lighting. Please read this manual thoroughly before using the product to ensure proper function and safety.

2. PRODUCT FEATURES

- **Hand Wave Control:** Easily turn the light on or off with a simple hand wave within 4 inches of the sensor.
- **Adjustable Brightness (Dimmer):** Hold your hand under the sensor in 'On Mode' to adjust the light intensity. The light remembers your last brightness setting.
- **Motion Sensor (Auto Mode):** The light automatically turns on when motion is detected within 10 feet (3 meters) and a 130-degree angle in dark conditions. It turns off after 20 seconds of no motion.
- **Rechargeable Battery:** Equipped with a premium 2400 mAh rechargeable battery for extended use. The automatic sensor helps conserve battery life.
- **Flicker-Free LED Lighting:** Features 70 bright LEDs providing 300 lumens of 6000K light, designed to be gentle on the eyes and reduce visual fatigue.
- **Flexible Installation:** Offers tool-free installation using either a magnetic strip for metal surfaces or double-sided adhesive tape for other surfaces like glass, wood, or stucco.

3. PACKAGE CONTENTS

Ensure all items are present and in good condition upon unpacking:

- EverBrite EB-70LED-Dimmer-Motion Under Cabinet Light Bar (2 units)
- USB Charging Cable
- Metal Plates with 3M Adhesive (for mounting on non-magnetic surfaces)

- Integrated 2400 mAh Lithium Polymer Battery

4. SPECIFICATIONS

Model Number	EB-70LED-Dimmer-Motion
Light Source Type	LED (70 LEDs)
Lumen Output	300 Lumens
Color Temperature	6000 Kelvin (Cool White)
Power Source	Battery Powered (Rechargeable)
Battery Type	1 Lithium Polymer battery (2400 mAh)
Mounting Type	Under Cabinet (Magnetic or Adhesive)
Item Dimensions (L x W x H)	17.48" x 2.01" x 1.93"
Item Weight	1.17 Pounds
Material	Glass, Metal, Wood (referring to surfaces it can be mounted on)
Color	White

5. INSTALLATION

The EverBrite Under Cabinet Light offers two simple, tool-free installation methods:

5.1 Magnetic Installation

If your desired mounting surface is metal, the light bar can be directly attached using its built-in magnets.

1. Ensure the metal surface is clean and dry.
2. Simply place the light bar against the metal surface. The magnets will hold it in place.

5.2 Adhesive Installation (for Non-Metal Surfaces)

For surfaces such as wood, glass, or stucco, use the provided metal plates with 3M adhesive.

1. Clean the desired mounting surface thoroughly to ensure it is free of dust and grease.
2. Peel off the protective film from one side of the 3M adhesive on the metal plate.
3. Attach the metal plate to the back of the light bar, aligning it with the magnetic area.
4. Peel off the protective film from the other side of the 3M adhesive on the metal plate.
5. Press the light bar firmly onto the cleaned non-metal surface for at least 30 seconds to ensure strong adhesion.

Free Stick On Clean Surface



1

Attach the iron sheet
on the back of the light body

2

Tear off the double stick
tape then paste to where
you want to install



TWO INSTALLATION METHODS



Magnetically Attractable

Attach to iron materials directly

Image: Demonstrates attaching the metal plate to the light bar and then mounting it with adhesive.

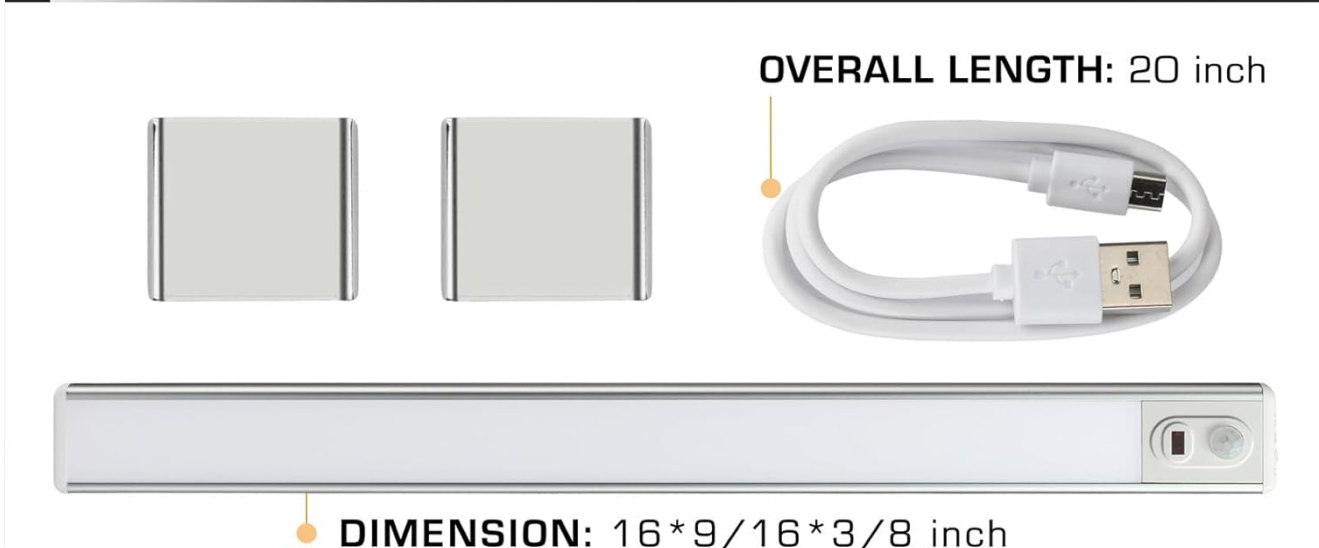
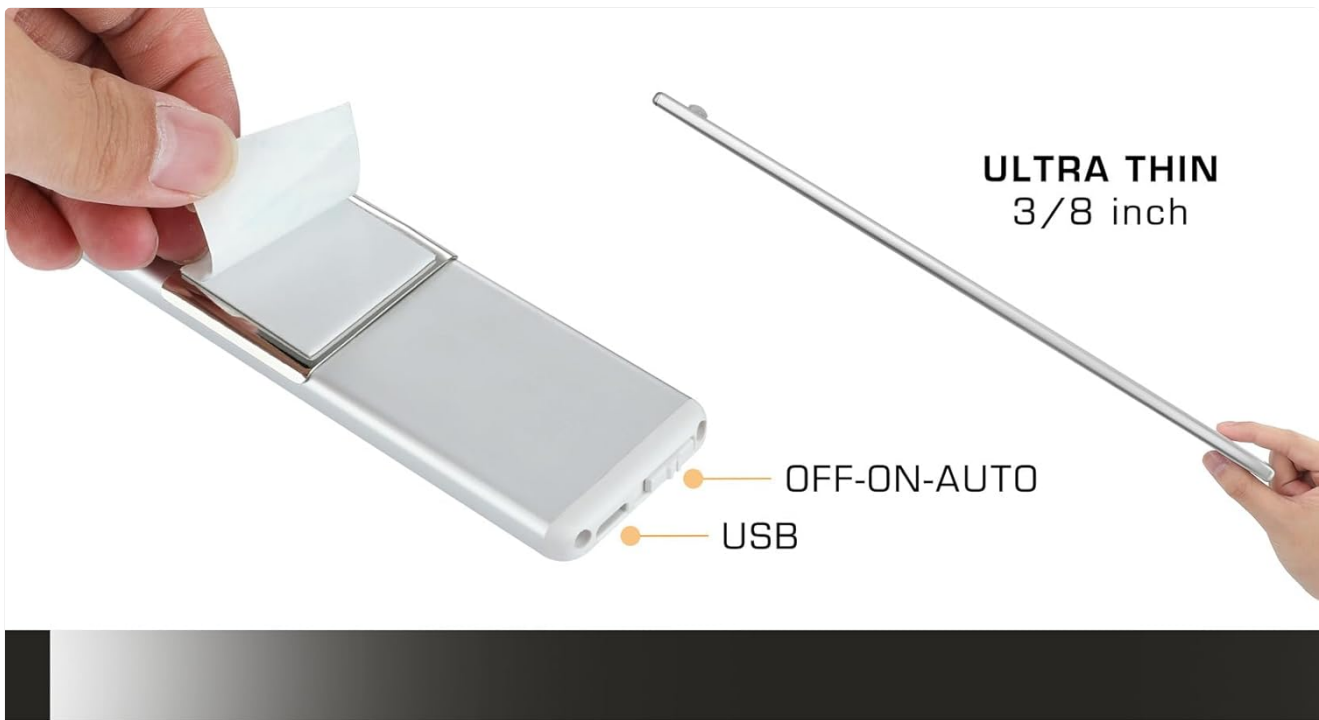


Image: Overview of the light bar, highlighting the USB port, ON-OFF-AUTO switch, and dimensions (17.48" L x 2.01" W x 1.93" H).

6. OPERATING INSTRUCTIONS

The light bar features a switch with three positions: ON, OFF, and AUTO. Select the desired mode for operation.

6.1 ON Mode (Manual Control & Dimming)

In this mode, the motion sensor function is disabled. You control the light manually.

- **To Turn On/Off:** Wave your hand within 4 inches of the sensor.
- **To Adjust Brightness:** Hold your hand under the sensor within 4 inches. The brightness will cycle from high to low and back to high. Remove your hand when the desired brightness is reached. The light will remember the last brightness setting.

ON (waving function): control the light's ON & OFF
Waving sensing distance: 0-4 inch

(only at position **ON**)



Hand Wave



Adjustable Brightness



Magnetic Or Stick Tape

Image: Close-up of the light in ON mode, illustrating the hand waving function for control.

STEPLESS DIMMING

Adjusting the brightness
(only at position **ON**)

Hand under the sensing area for 2 seconds to adjust
the brightness from high to low to high

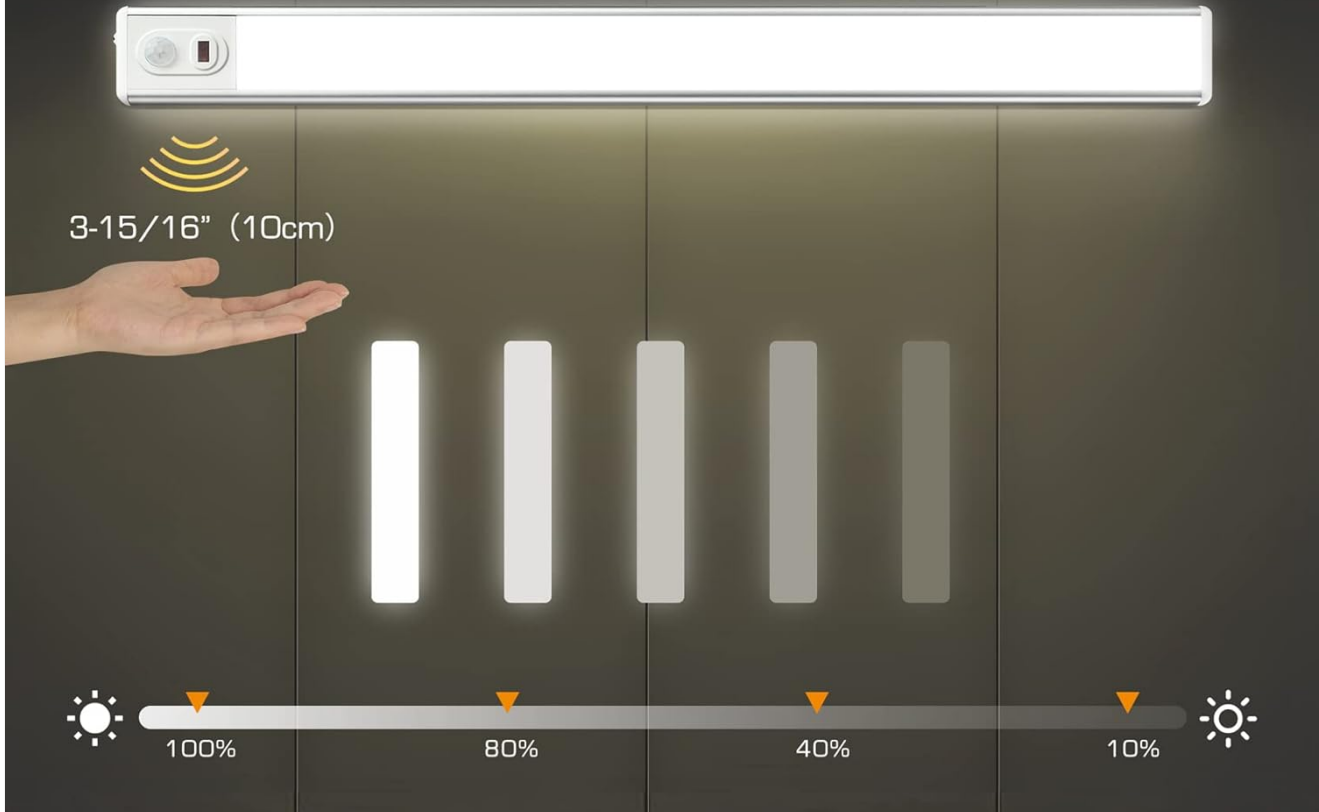


Image: Demonstrates stepless dimming by holding a hand under the sensor, with brightness levels indicated from 100% down to 10%.

6.2 AUTO Mode (Motion Sensor)

In this mode, the light operates automatically based on motion detection and ambient light conditions. The hand wave control is disabled.

- The light will turn on when motion is detected in sufficiently dark conditions.
- The motion sensor has a detection range of up to 10 feet (3 meters) with a 130-degree angle.
- The light will automatically turn off after 20 seconds of no motion being detected.



2 LIGHTING MODES

Motion & Light Sensor
(only at position **AUTO**)



130 Sensing Range

10 FEET Sensing Distance



Light OFF



Auto On
Motion Detected in Dark



Auto Off
After 20 Seconds

Image: Explains the two lighting modes, highlighting the motion and light sensor functionality in AUTO mode.

Note: The functions in ON mode and AUTO mode do not overlap. Ensure the switch is in the correct position for your desired operation.

7. CHARGING

The EverBrite light bar is equipped with a rechargeable battery. When the light dims or stops working, it's time to recharge.

1. Locate the USB charging port on the side of the light bar.
2. Connect the provided USB charging cable to the light bar's port and to a standard USB power source (e.g., computer, USB wall adapter).
3. A charging indicator light will typically illuminate during charging and change color or turn off when fully charged.
4. A full charge usually takes 4-5 hours and provides approximately 5.5 hours of continuous use. The battery can be recharged over 300 times.

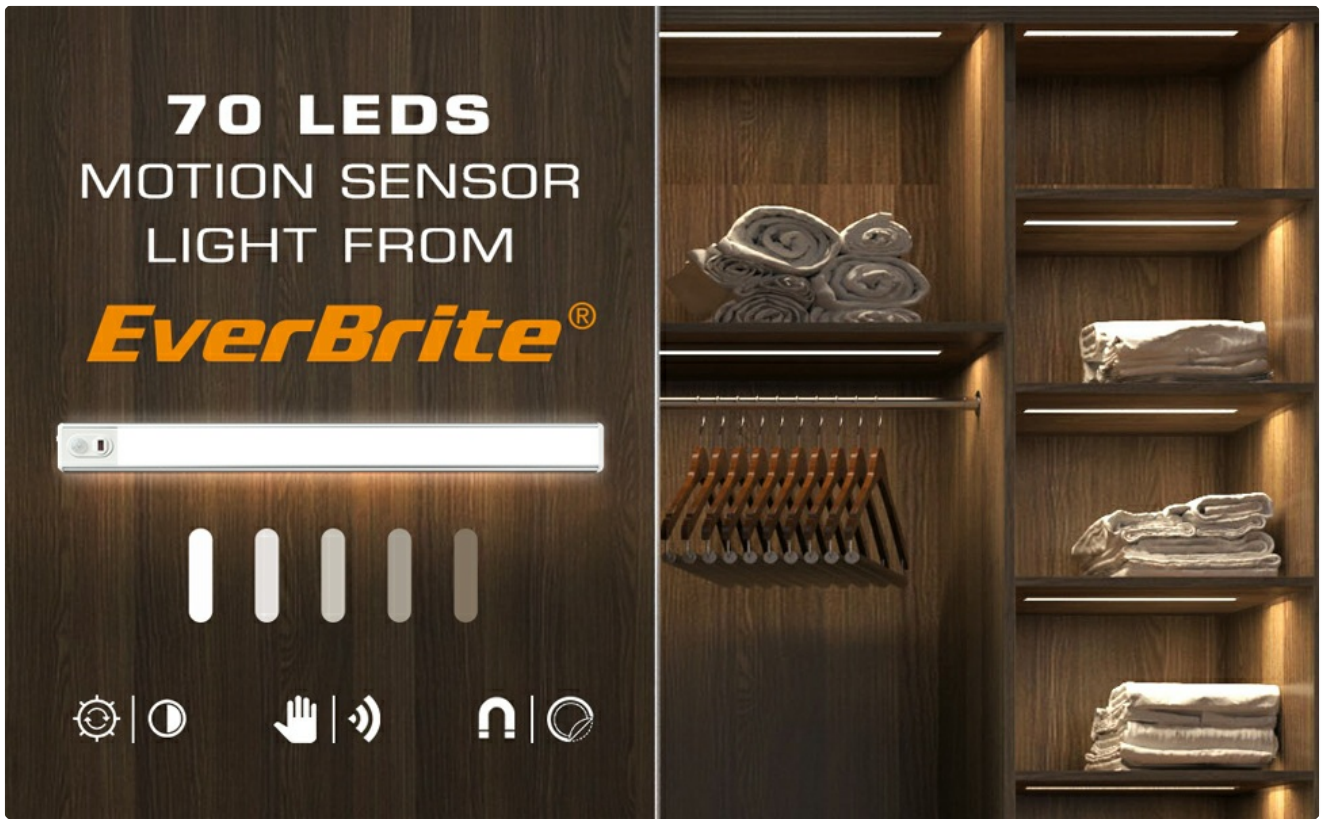


Image: Shows the light bar connected to a USB charger, indicating its 2400 mAh rechargeable battery and charging times.

8. MAINTENANCE

- **Cleaning:** Wipe the light bar with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge the light when it starts to dim. If storing for a long period, charge the battery every 3-6 months.
- **Storage:** Store the light in a cool, dry place away from direct sunlight and extreme temperatures.

9. TROUBLESHOOTING

Problem	Solution
Light does not turn on.	<ul style="list-style-type: none"> ◦ Check if the battery is charged. Recharge if necessary. ◦ Ensure the switch is in the 'ON' or 'AUTO' position. ◦ In 'AUTO' mode, ensure ambient light conditions are dark enough and motion is detected within range.
Motion sensor not working.	<ul style="list-style-type: none"> ◦ Ensure the switch is in the 'AUTO' position. ◦ Verify that the ambient light is dark enough for the sensor to activate. ◦ Check if there are any obstructions blocking the sensor.

<p>Light dims unexpectedly or battery life is short.</p>	<ul style="list-style-type: none"> ◦ The battery may be low. Recharge the light fully. ◦ Frequent activation in 'AUTO' mode or continuous use in 'ON' mode will consume battery faster. ◦ Ensure the battery is fully charged (4-5 hours).
<p>Hand wave control not responding.</p>	<ul style="list-style-type: none"> ◦ Ensure the switch is in the 'ON' position. Hand wave control is disabled in 'AUTO' mode. ◦ Ensure your hand is within 4 inches of the sensor.

10. SAFETY INFORMATION

- Do not disassemble, repair, or modify the product. This may cause electric shock, fire, or damage.
- Keep the product away from water and high humidity.
- Do not expose the product to direct sunlight or high temperatures for extended periods.
- Keep out of reach of children.
- Use only the provided USB cable for charging.
- Avoid looking directly into the LED light for prolonged periods, as it may cause eye strain.

11. OFFICIAL PRODUCT VIDEOS

Watch these official videos for visual guidance on installation and features.

EverBrite Under Cabinet Lighting, Dimming & Motion Sensor

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Video: This video demonstrates the installation process, hand wave control, dimming function, and motion sensor operation of the EverBrite under cabinet light.

EverBrite 2-Pack Under Cabinet Lighting

Your browser does not support the video tag.

Video: This video provides an overview of the EverBrite 2-pack under cabinet lighting, showcasing its features and potential applications in various settings.

12. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact EverBrite customer service. Keep your purchase receipt for any warranty claims.