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FULEN CL04

FULEN LED Under Cabinet Light (Model CL04) Instruction Manual

Model: CL04

1. INTRODUCTION

Thank you for choosing the FULEN LED Under Cabinet Light. This versatile, rechargeable light features a motion sensor, adjustable color temperatures, and dimmable brightness, making it ideal for various indoor applications such as closets, cabinets, kitchens, and hallways. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance.

2. KEY FEATURES

- **High-Capacity Rechargeable Battery:** Built-in 4000mAh battery provides over 10 hours of continuous light at maximum brightness or 1-2 months in AUTO mode on a full charge.
- **Sensitive Motion Sensor:** Automatically turns on in dim conditions when motion is detected and turns off after 20 seconds of no motion.
- **Adjustable Color Temperatures:** Choose from 3000K (warm light), 4000K (natural light), and 6000K (white light).
- **Stepless Dimming:** Adjust brightness from 10% to 100% to suit your needs.
- **Bright and Wide Illumination:** 15-inch (38cm) length with 32 lamp beads provides 280 lumens of soft, eye-protective light.
- **Easy Installation:** Features built-in magnets for attachment to metal surfaces and includes adhesive iron sheets for non-metallic surfaces. Easily removable for charging.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- FULEN LED Under Cabinet Light Bar
- USB-C Charging Cable
- Adhesive Metal Sheets (for mounting)
- User Manual

4. SETUP AND INSTALLATION

The FULEN LED Under Cabinet Light offers simple, tool-free installation.

1. **Initial Charge:** Before first use, fully charge the light using the provided USB-C cable. The charging port is located on the side of the light bar. A full charge typically takes less than 2 hours.
2. **Choose Installation Location:** Select a clean, smooth, and dry surface under a cabinet, inside a closet, or any desired area.
3. **Prepare Surface:** Clean the chosen surface thoroughly to ensure optimal adhesion for the metal sheets.
4. **Attach Metal Sheets:** Peel off the protective film from one side of the adhesive metal sheets and firmly press them onto the desired installation surface. Ensure they are spaced appropriately to align with the magnets on the light bar.
5. **Mount Light Bar:** The light bar has built-in magnets. Simply align the light bar with the installed metal sheets and it will magnetically attach. This allows for easy removal for charging or repositioning.

Easy to Install Easy Remove for Change

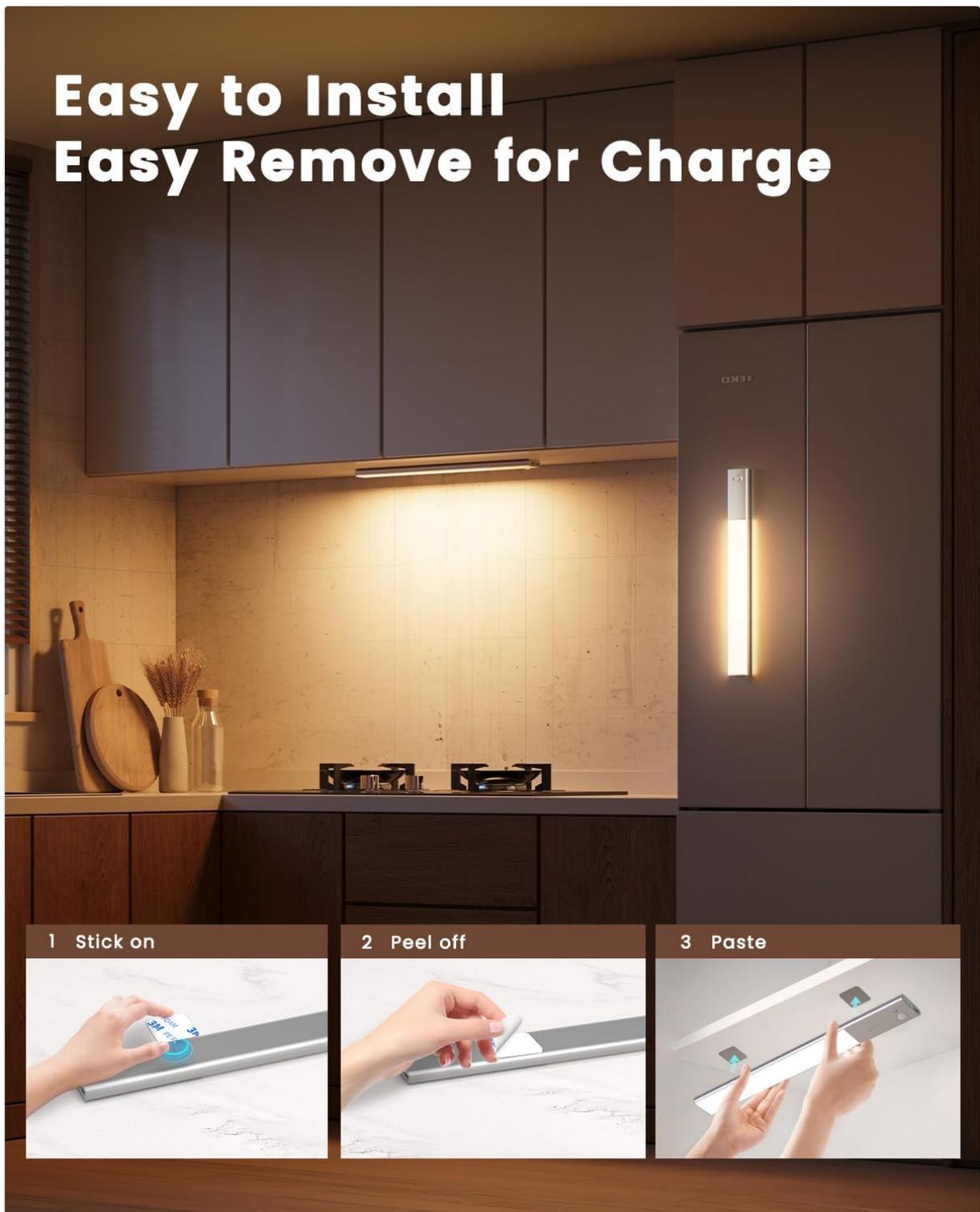


Image: Visual guide showing the three steps of installation: sticking the metal plate, peeling off the adhesive, and pasting the light bar.

Your browser does not support the video tag.

Video: A seller-provided video demonstrating how to install the under cabinet lights, including attaching the magnetic strips and mounting the light bar.

5. OPERATING INSTRUCTIONS

The FULEN LED Under Cabinet Light features multiple modes and adjustable settings for convenience.

Heavy-duty Model Upgrade Material



- ① Long Press: Adjust brightness
Short Press: Adjust color temperature
- ② ON Mode/AUTO Mode/OFF
- ③ Type-C Charging Port
- ④ Motion Sensor
- ⑤ Hand-sweep Sensor Port

Image: Close-up of the light bar's control panel, showing the long press/short press button, ON/AUTO/OFF switch, Type-C charging port, motion sensor, and hand-sweep sensor port.

5.1. Mode Selection

Use the ON/AUTO/OFF slide switch to select the desired operating mode:

- **OFF:** The light is completely off.
- **ON:** The light remains continuously on. Ideal for tasks requiring constant illumination.
- **AUTO:** Motion sensor mode. The light will automatically turn on when motion is detected in dim environments and turn off after 20 seconds of no motion.

5.2. Adjusting Color Temperature

In ON mode, short press the control button (labeled with a lightbulb icon) to cycle through the three color

temperatures:

- Warm Light (3000K)
- Natural Light (4000K)
- White Light (6000K)



Image: Demonstrates the three available color temperatures: 3000K (warm), 4000K (natural), and 6000K (white).

5.3. Adjusting Brightness (Stepless Dimming)

In ON mode, long press the control button (labeled with a lightbulb icon) to adjust the brightness. The brightness will cycle smoothly between 10% and 100%. Release the button when the desired brightness level is reached.

5.4. Motion Sensor Functionality

When in AUTO mode, the light's motion sensor detects movement within a 13-foot (4m) range and a 120° PIR detection angle. The light will only activate if the ambient environment is dim enough. It will automatically turn off after 20 seconds if no further motion is detected.

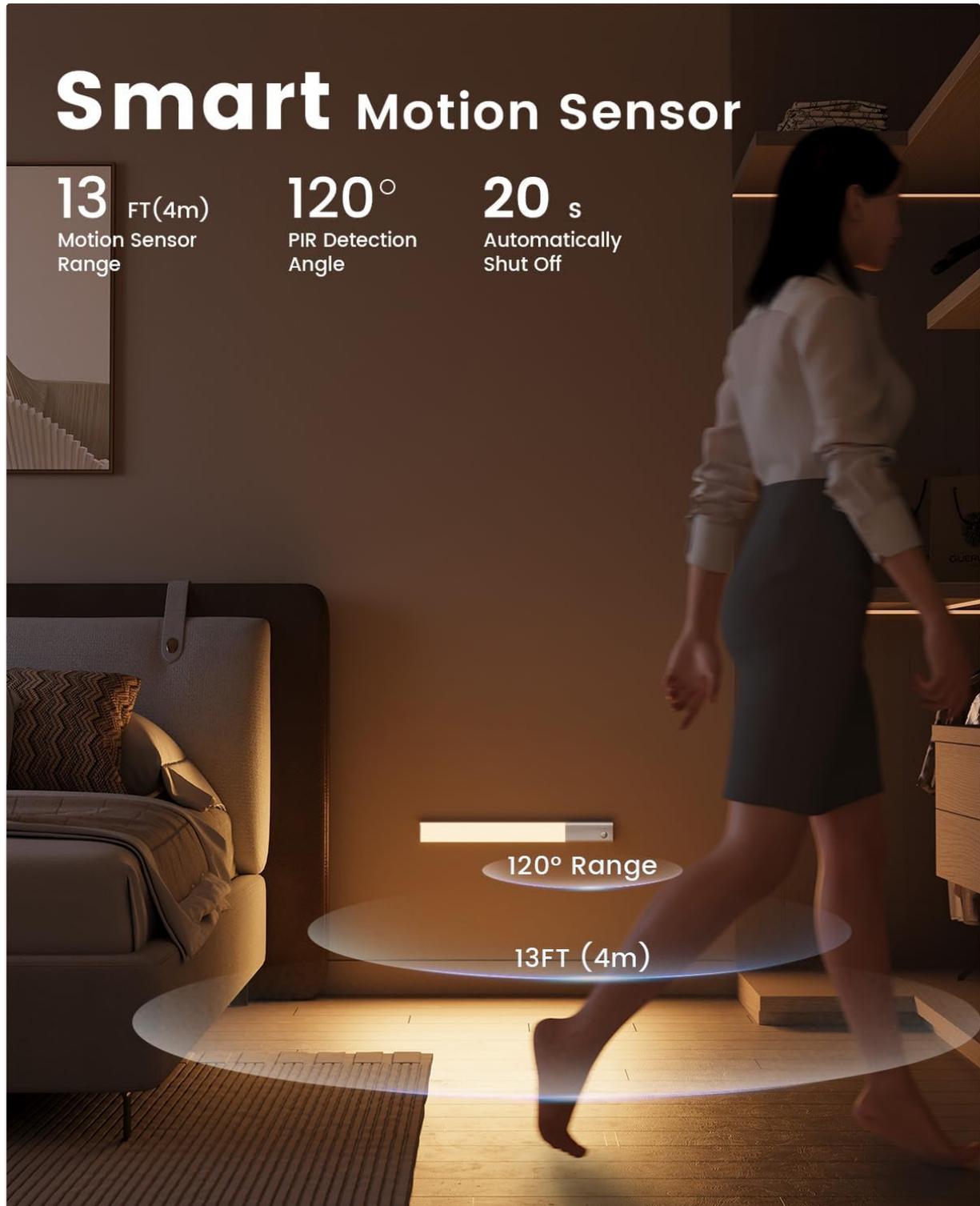


Image: Illustrates the motion sensor's detection range of 13 feet (4m) and 120-degree angle, showing a person walking past the light.

5.5. Hand-Sweep Sensor

The light also features a hand-sweep sensor for convenient on/off control without touching the main button. Simply wave your hand across the dedicated hand-sweep sensor port to toggle the light.

6. CHARGING THE LIGHT

The FULEN LED Under Cabinet Light is equipped with a 4000mAh rechargeable lithium-ion battery.

- **Charging Indicator:** The light features an indicator that shows charging status.
- **Charging Time:** A full charge takes approximately 2 hours.
- **Battery Life:** Provides over 10 hours of continuous use at maximum brightness. In AUTO mode, it can last 1-2 months depending on activation frequency.
- **Low Battery:** If the light appears dim upon arrival or during use, fully charge it before continued use.



Image: Illustrates the 4000mAh rechargeable battery and its charging process via a USB-C cable.

7. SPECIFICATIONS

Model Number	CL04
Brand	FULEN
Battery Capacity	4000mAh Lithium Battery
Input	5V/2A
Color Temperature	3000K / 4000K / 6000K
Sensing Distance	13 FT (4m)
PIR Detection Angle	120°
Auto-off Time	20 seconds (in AUTO mode)
Product Dimensions	37.5 x 4.2 x 1.6 cm
Weight	210 g
Material	Aluminum, Plastic

8. TROUBLESHOOTING

If you encounter any issues with your FULEN LED Under Cabinet Light, please refer to the following common solutions:

- **Light not turning on:** Ensure the light is charged. Check the ON/AUTO/OFF switch is in the correct position.
- **Motion sensor not working:** Verify the light is in AUTO mode. Ensure the environment is dim enough for activation. Check for obstructions blocking the sensor.
- **Battery not holding charge:** Ensure the charging cable is properly connected. Use a compatible 5V/2A power adapter. If issues persist, contact customer support.
- **Light is too dim:** Adjust the brightness by long-pressing the control button. Ensure the battery is fully charged.

9. MAINTENANCE

To ensure the longevity and optimal performance of your FULEN LED Under Cabinet Light:

- Clean the light surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Avoid exposing the light to extreme temperatures or high humidity.
- Do not disassemble the product, as this may void the warranty and cause damage.

10. WARRANTY AND SUPPORT

This FULEN product comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or any questions regarding your product, please refer to the contact information provided with your purchase or visit the official FULEN website.

