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**LAFAER EC-SL380**

# LAFAER Motion Sensor Under Cabinet Light

## Model: EC-SL380 User Manual

Thank you for choosing the LAFAER Motion Sensor Under Cabinet Light. This manual provides essential information for safe and efficient use of your product. Please read it thoroughly before installation and operation.

## 1. Package Contents

Verify that all items are present in your package:

- 1 x LAFAER Motion Sensor Under Cabinet Light (Model EC-SL380)
- 1 x Mounting Hardware (includes metal base with adhesive and screws)
- 1 x Type-C Charging Cable
- 1 x Instruction Manual (this document)

## 2. Product Overview

The LAFAER Motion Sensor Under Cabinet Light features an adjustable lamp with a digital display for easy monitoring and control.

### 2.1 Components

- **Light Bar:** Contains LED lights and a magnetic surface for attachment.
- **Control Module:** Houses the motion sensor, digital display, and control buttons. This section can rotate relative to the light bar.
- **Mounting Base:** A metal base that can be attached to surfaces using adhesive or screws, providing a magnetic attachment point for the light.
- **USB-C Port:** For charging the internal battery.

### 2.2 Digital Display Indicators

The intuitive digital display provides real-time information:

- **Battery Level:** Shows remaining power percentage.
- **Sensing Mode:** Indicates the currently active motion sensing mode (Constant On, Night Sensing, All-Day Sensing).
- **Brightness Level:** Displays the selected brightness percentage (25%, 50%, 75%, 100%).
- **Color Temperature:** Shows the active color temperature (3000K, 4500K, 6500K).

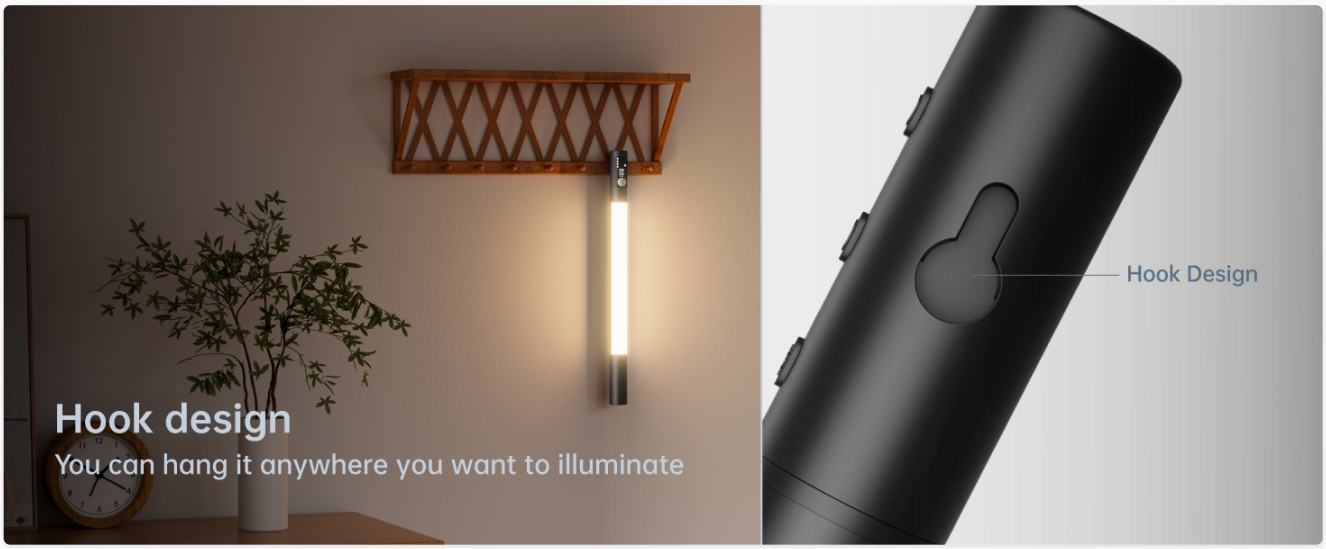


Image: Detailed view of the digital display, illustrating battery level, brightness, and sensing mode icons.

# 3. Setup and Installation

The LAFAER light offers flexible installation options to suit various indoor locations.

## 3.1 Magnetic Mounting

The light can be magnetically attached to any iron metal surface directly. For non-metallic surfaces, use the provided metal mounting base.

1. **Prepare the Surface:** Clean the desired installation surface to ensure it is dry and free of dust or grease.
2. **Attach Mounting Base:**
    - **Adhesive Method:** Peel the protective film from the adhesive on the back of the metal mounting base. Press the base firmly onto the cleaned surface for at least 30 seconds. Allow 24 hours for the adhesive to cure before attaching the light.
    - **Screw Method:** For a more permanent installation, use the provided screws to secure the metal mounting base to the surface.
3. **Attach Light:** Align the magnetic side of the light bar with the installed metal mounting base. The light will snap into place magnetically.

Image: Illustration of the magnetic installation process, showing the light bar attaching to two separate magnetic bases.

## 3.2 Hook Design

The light also features a built-in hook for hanging in various locations.

Image: A detailed view of the hook design on the light, allowing for versatile hanging options.

### 3.3 Adjusting Sensing Direction

The control module, which contains the motion sensor, can be rotated up to 120 degrees to customize the sensing direction.

Image: The light's digital display and motion sensor, highlighting the flexible sensing direction feature.

Image: A visual representation of the light's motion detection capabilities, showing a 10-foot range and 120-degree angle.

# 4. Operating Instructions

The light is controlled via touch buttons located near the digital display.

## 4.1 Power On/Off

Press and hold the power button (usually the main button) for a few seconds to turn the light on or off.

## 4.2 Changing Sensing Modes

Cycle through the available sensing modes by pressing the mode button (refer to the product diagram for button identification).

- **Constant On Mode:** The light remains continuously on.
- **Night Sensing Mode:** The light activates only when motion is detected in a dark environment.
- **All-Day Sensing Mode:** The light activates whenever motion is detected, regardless of ambient light conditions.

In sensing modes, the light automatically turns off if no motion is detected within the sensing area for approximately

25 seconds.

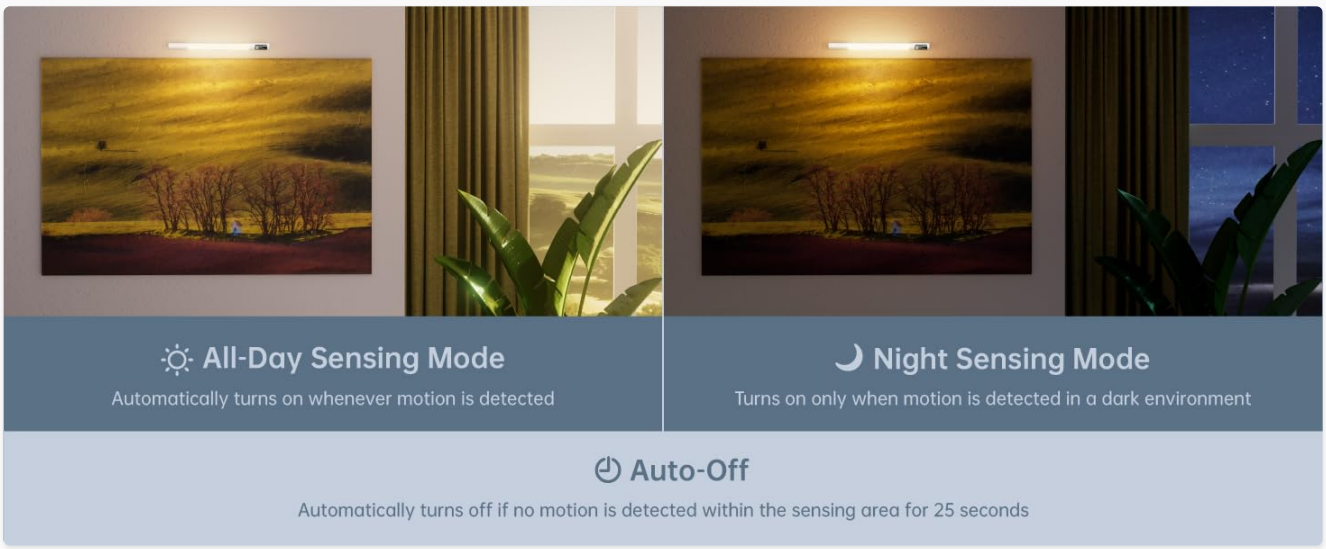


Image: Visual explanation of the All-Day Sensing Mode and Night Sensing Mode, including the automatic 25-second auto-off feature.

## 4.3 Adjusting Brightness Levels

Press the brightness button to cycle through four brightness levels: 25%, 50%, 75%, and 100%.

## 4.4 Changing Color Temperature

Press the color temperature button to cycle through three color temperature options:

- **Warm White (3000K):** A soft, yellowish light.
- **Neutral White (4500K):** A balanced, natural white light.
- **Cool White (6500K):** A bright, bluish-white light.

Image: Visual guide to selecting color temperatures and brightness levels, demonstrating the different light outputs.

## 5. Charging

The LAFAER light is equipped with a rechargeable internal battery. The digital display will show the current battery level.

1. When the battery level is low, connect the provided Type-C charging cable to the light's USB-C port.
2. Connect the other end of the cable to a standard USB power adapter (not included).
3. The digital display will indicate charging status. A full charge can provide up to 6 months of use in motion-sensing mode (with an average of 6 triggers per day) or up to 32 hours of continuous lighting at 25% brightness.

Image: The light connected to a USB-C charging cable, illustrating its long-lasting battery capabilities.

## 6. Maintenance

- **Cleaning:** Wipe the light with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Water Resistance:** This product is **not water resistant**. Avoid exposure to water or high humidity.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Charge the light regularly.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Light does not turn on. | Battery is depleted. | Charge the light using the provided Type-C cable. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Motion sensor not working. | Incorrect sensing mode selected. | Ensure 'Night Sensing Mode' or 'All-Day Sensing Mode' is active. |
| Motion sensor range is poor. | Sensor direction is not optimized. Obstructions blocking sensor. | Rotate the control module to adjust the sensor direction. Remove any obstructions. |
| Light turns off too quickly. | No continuous motion detected within the 25-second auto-off period. | This is normal operation for sensing modes. For continuous light, select 'Constant On Mode'. |
| Light flickers or dims unexpectedly. | Low battery. | Recharge the light. |

## 8. Specifications

| | |
|---|---|
| **Brand** | LAFAER |
| **Model Name** | EC-SL380 |
| **Material** | Aluminum, Plastic |
| **Product Dimensions** | 1.14"L x 1.06"W x 15"H |
| **Item Weight** | 7.4 ounces |
| **Power Source** | Battery Powered (1 Lithium Ion battery included) |
| **Voltage** | 3.7 Volts |
| **Wattage** | 1.35 watts |
| **Light Source Type** | LED |
| **Color Temperatures** | 3000K (Warm White), 4500K (Neutral White), 6500K (Cool White) |
| **Brightness Levels** | 25%, 50%, 75%, 100% |
| **Control Method** | Touch |
| **Switch Type** | Motion Sensor |
| **Motion Detection Range** | Up to 10 feet / 120 degrees |
| **Water Resistance Level** | Not Water Resistant |
| **Mounting Type** | Wall Mount (Magnetic, Adhesive, Screws) |
| **Manufacturer** | Eternal Cyber Limited |

## 9. Versatile Applications

The LAFAER Motion Sensor Under Cabinet Light is designed for various indoor uses, providing illumination where needed.

Image: Examples of the light's application in different indoor environments such as closets, garages, hallways, kitchens, bedrooms, and even tents.

## 10. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official LAFAER website. Keep your purchase receipt for warranty claims.

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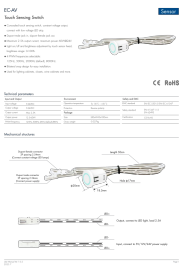
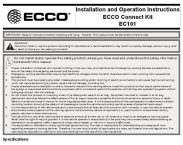
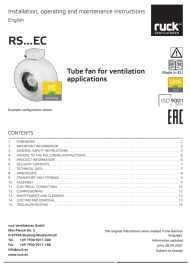
## Related Documents - EC-SL380

| | |
|---|---|
| | Euromex EcoBlue Microscopes User Manual - Operation, Maintenance, and Safety<br>Comprehensive user manual for Euromex EcoBlue series microscopes, covering general safety, operation, maintenance, digital models, and polarization features. Includes detailed instructions and specifications. |
| | Nissan G35 Sedan Engine Control System Diagnostics<br>Comprehensive guide to diagnosing issues within the engine control system of a 2006 Nissan G35 Sedan, covering DTC codes, system descriptions, and diagnostic procedures. |
|  | EC-AV Touch Sensing Switch - Low Voltage LED Control<br>Discover the EC-AV Touch Sensing Switch for seamless control of low voltage LED lighting. Features include adjustable brightness, multiple PWM frequencies, and easy installation for cabinets and more. Max 2.5A, 60W. |
|  | ECCO Connect Kit EC101 Installation and Operation Instructions<br>Comprehensive guide for installing and operating the ECCO Connect Kit EC101, detailing safety precautions, product specifications, kit contents, wiring diagrams, flash pattern configurations, and warranty information for ECCO vehicle warning systems. |
|  | Ruck RS...EC Tube Fan Installation, Operation, and Maintenance Manual<br>Comprehensive guide for Ruck RS...EC series tube fans, covering installation, operation, maintenance, safety, and troubleshooting. Features EC motor technology for ventilation applications. |
| | DEWALT DCG409 Cordless Small Angle Grinder User Manual<br>Comprehensive user manual for the DEWALT DCG409 Cordless Small Angle Grinder, detailing technical specifications, safety guidelines, operating procedures, and maintenance for professional grinding, cutting, and sanding applications. Visit www.dewalt.com for more information. |