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› AMETHEUS 10-inch Under Cabinet Motion Sensor Lights Instruction Manual (Model UCL02)

AMETHEUS UCL02

AMETHEUS 10-inch Under Cabinet Motion Sensor Lights Instruction Manual

Model: UCL02

1. PRODUCT OVERVIEW

The AMETHEUS 10-inch Under Cabinet Lights are designed to provide convenient, motion-activated illumination for various indoor spaces. Featuring a powerful 1800mAh rechargeable battery, these wireless LED lights offer 5 levels of dimmable brightness and easy magnetic installation. They are ideal for kitchens, closets, bathrooms, pantries, and other areas requiring efficient, responsive lighting.

Key Features:

- **Motion-Activated Sensor:** Automatically turns on when motion is detected within a 120° range and 10 feet in dark or low-light environments, turning off after 20 seconds of no movement.
- **Upgraded Premium LEDs:** Equipped with 26 high-efficiency LEDs, delivering up to 100 lumens of 6500K daylight-white illumination.
- **5 Levels Dimmable:** Adjustable brightness settings (20%–100%) or stepless dimming via a long press to suit various lighting needs.
- **1800mAh Rechargeable Battery:** Provides 7-31 days of use in Auto Mode (depending on usage) or 9 hours in Always-On Mode on a single 3-hour charge.
- **Tool-Free Installation:** Built-in magnets allow attachment to metal surfaces, or use included adhesive iron plates for non-metal surfaces.

2. PACKAGE CONTENTS

Ensure all items are present before proceeding with installation.

- 2 x 10-inch Cabinet Lights (Cool White)
- 1 x USB-A to Dual USB-C Charging Cable
- 4 x Adhesive Iron Plates
- 1 x Instruction Manual

3. SETUP AND INSTALLATION

The AMETHEUS Under Cabinet Lights offer flexible, tool-free installation options.

Installation Steps:

1. **Prepare the Surface:** Clean the desired installation area to ensure it is dry and free of dust or grease.
2. **Magnetic Attachment (for metal surfaces):** If installing on a metal surface (e.g., refrigerator, metal shelving), the built-in magnets will directly attach the light.
3. **Adhesive Plate Attachment (for non-metal surfaces):**
 - Peel off the protective backing from an adhesive iron plate.
 - Firmly press the adhesive side of the plate onto the cleaned non-metal surface.
 - Attach the light to the iron plate using its built-in magnets.
4. **Positioning:** Place the light in a location where the motion sensor has a clear line of sight to the area you wish to illuminate.

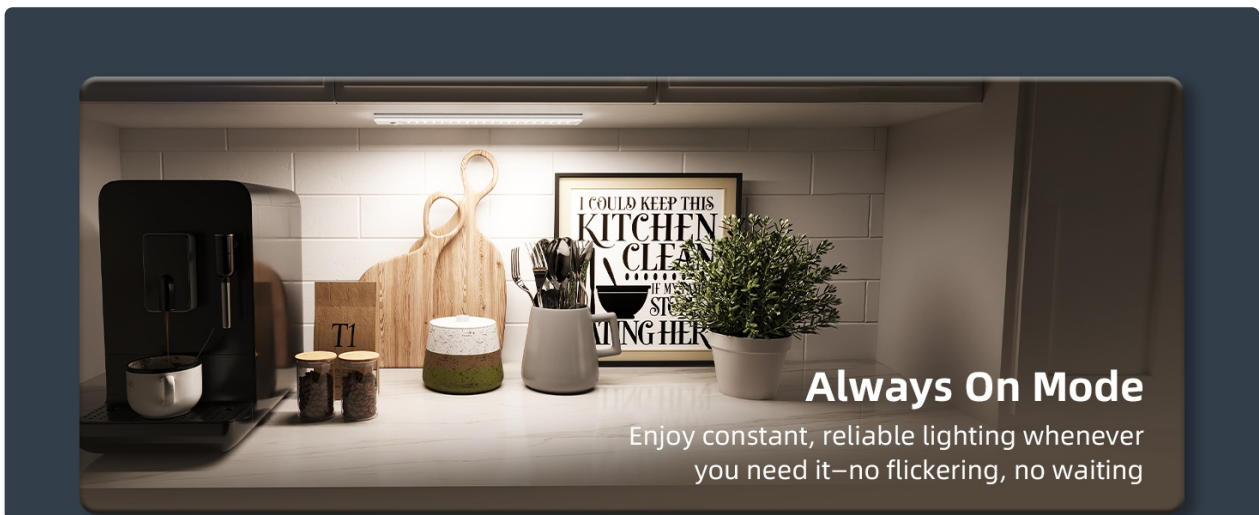



Image: Step-by-step guide for tool-free installation of the AMETHEUS under cabinet light.

AMETHEUS Motion Sensor Technology

Effortless Lighting with Advanced Motion Detection & Energy Efficiency

 **10ft**
Detection Range

 **120°**
Detection Angle


 **Energy Efficient**
Save power and reduce environmental impact with motion-triggered activation, extending battery life



Image: Illustration of versatile installation methods for the lights, including adhesive and magnetic options for various surfaces.

4. OPERATING INSTRUCTIONS

The AMETHEUS lights feature a user-friendly design with simple controls for power, mode selection, and

brightness adjustment.

Control Buttons:

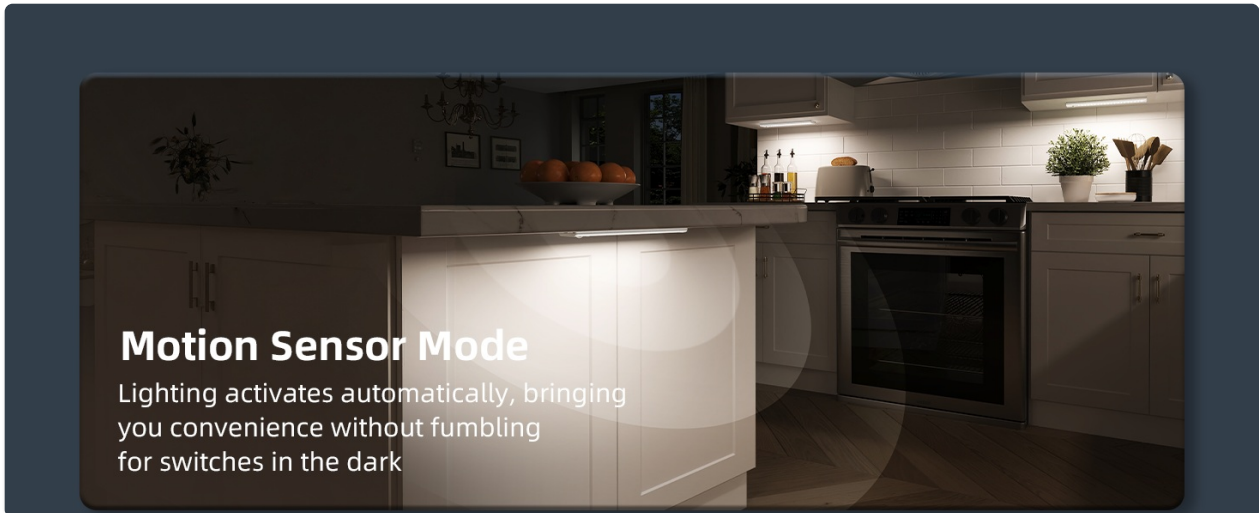


Image: Detailed view of the light's control panel, highlighting the PIR sensor, charging indicator, and mode/brightness buttons.

- **Power/Mode Button:**

- Press once (x1): Activates **Always On Mode**.
- Press twice (x2): Activates **Motion Activated Mode** (light blinks twice to confirm).
- Press three times (x3): **Turns Off** the light.

- **Brightness Adjustment Button:**

- Short Press: Cycles through **5 preset brightness levels** (20%, 40%, 60%, 80%, 100%).
- Long Press: Activates **stepless dimming**, allowing you to fine-tune brightness.

Motion Sensor Functionality:

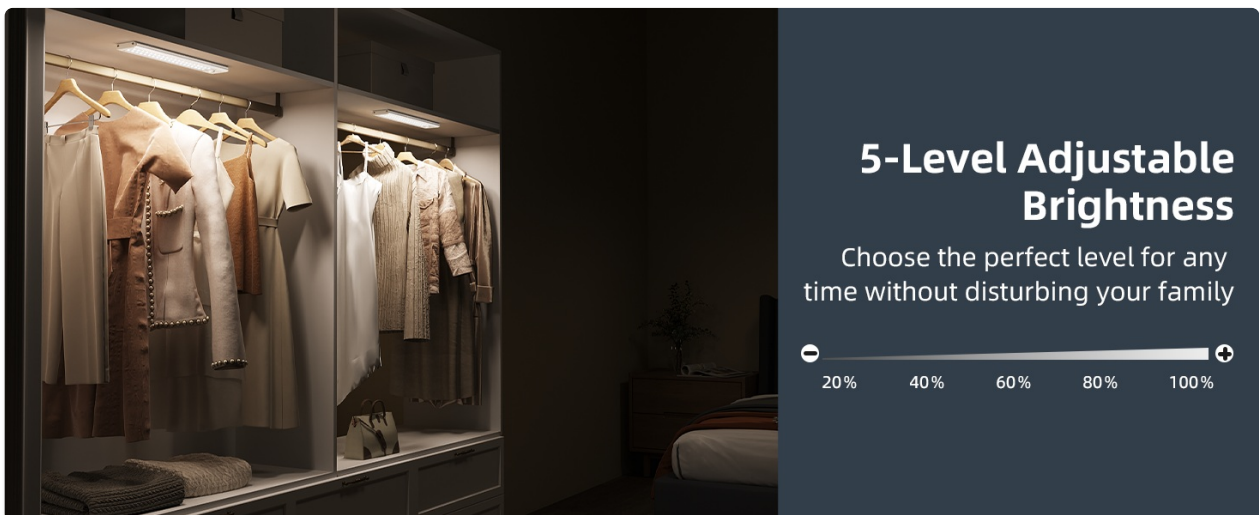


Image: Visual representation of the motion sensor's capabilities, including quick response time, wide detection angle, and automatic shut-off.

- In Motion Activated Mode, the light will turn on automatically when movement is detected in dark or low-light conditions.
- The sensor has a 120° detection angle and a range of up to 10 feet.
- The light will automatically turn off after 20 seconds if no further motion is detected.

Your browser does not support the video tag.

Video: A demonstration of the AMETHEUS Motion Sensor Under Cabinet Lights in action, showcasing their automatic activation and illumination in various settings.

5. BATTERY AND CHARGING

The lights are powered by a built-in 1800mAh rechargeable battery.



Image: Illustration of the light's internal 1800mAh battery and its estimated battery life in different operating modes.

- **Charging:** Use the provided USB-A to Dual USB-C Charging Cable to charge the lights. A full charge takes approximately 3 hours.
- **Battery Life:** Expect 7-31 days of operation in Auto Mode, depending on the frequency of activation. In Always-On Mode, the battery lasts for about 9 hours at full brightness.
- **Charging Indicator:** Refer to the charging indicator light on the device for charging status.

6. MAINTENANCE

To ensure optimal performance and longevity of your AMETHEUS lights, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the light's surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as they may damage the finish or electronic components.
- **Charging:** Recharge the battery when the light output appears dim or when the charging indicator suggests low battery. Avoid completely draining the battery for extended periods.
- **Storage:** If storing the lights for an extended period, ensure they are fully charged and store them in a cool, dry place. Recharge periodically to maintain battery health.
- **Water Resistance:** These lights are designed for indoor use and are *not water resistant*. Avoid exposure to water or high humidity.

7. TROUBLESHOOTING

If you encounter any issues with your AMETHEUS lights, refer to the following common troubleshooting steps:

- **Light Not Turning On:**
 - Ensure the battery is charged. Connect to the charging cable and check the indicator light.
 - Verify the light is in the correct mode (Always On or Motion Activated). Press the power button to

cycle through modes.

- If in Motion Activated Mode, ensure the environment is dark enough for the sensor to activate.

- **Motion Sensor Not Working:**

- Check if the light is in Motion Activated Mode (blinks twice upon selection).
- Ensure there are no obstructions blocking the PIR sensor.
- Confirm the ambient light is low enough for the sensor to function.

- **Light is Dim:**

- Charge the battery fully.
- Adjust the brightness using the brightness adjustment button.

- **Light Falls Off Surface:**

- Ensure the installation surface was clean and dry before applying adhesive plates.
- If using adhesive plates, ensure they are firmly pressed and allowed sufficient time to bond before attaching the light.
- For metal surfaces, ensure the magnetic connection is strong.

8. SPECIFICATIONS

Feature	Detail
Brand	AMETHEUS
Model Number	UCL02
Color	Cool White (6500 Kelvin)
Material	Acrylonitrile Butadiene Styrene
Product Dimensions	10"L x 1.5"W x 0.57"H
Power Source	Battery Powered (1800mAh rechargeable)
Light Source Type	LED (26 high-efficiency LEDs)
Brightness	100 Lumens (Max)
Special Features	Dimmable, Energy Efficient, Low Voltage, Motion Sensor, Portable
Control Method	Push Button
Installation Type	Flush Mount (Magnetic/Adhesive)
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant

9. WARRANTY AND SUPPORT

AMETHEUS provides a limited warranty for this product. For specific warranty details, claims, or technical support, please refer to the contact information provided with your purchase or visit the official AMETHEUS

website.

Always retain your proof of purchase for warranty purposes.

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