

## Gritin G1358

# Gritin 10.2-inch Rechargeable Under Cabinet Lighting User Manual

Model: G1358

## 1. INTRODUCTION

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Thank you for choosing the Gritin 10.2-inch Rechargeable Under Cabinet Lighting. This product is designed to provide versatile and efficient illumination for various indoor spaces. It features multiple lighting modes, adjustable color temperatures, and brightness levels, along with a motion sensor for convenience and energy saving. Please read this manual thoroughly before use to ensure proper operation and maintenance.

## 2. PACKAGE CONTENTS

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- 2 x Gritin 10.2-inch Under Cabinet Lights
- 2 x USB-C Charging Cables
- Adhesive Iron Plates (for non-metallic surfaces)
- 1 x User Manual

## 3. PRODUCT FEATURES

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- **Advanced LED Technology:** Equipped with 84 super bright LEDs for optimal illumination.
- **Durable Construction:** Crafted from aluminum alloy and durable ABS plastic.
- **Smart Motion Sensor:** Features a 120° wide sensing angle and a 3M/10FT detection distance. Automatically turns off after 20 seconds of no motion detected in sensing modes.
- **Adjustable Color Temperature:** Three color options: Warm (3000K), Mixed (4500K), and Cool (6000K).
- **Multiple Brightness Levels:** Five preset brightness levels (10%, 25%, 50%, 75%, 100%) and stepless dimming capability.
- **Four Lighting Modes:** OFF, Night Sensing, Daytime Sensing, and Always On.
- **Rechargeable Battery:** Built-in 1800mAh high-capacity battery, rechargeable via USB-C.
- **Easy Installation:** Strong built-in magnets for iron surfaces; includes adhesive iron plates for non-metallic surfaces.



Figure 3.1: Comparison of Gritin light features including 84 LEDs, 180 lumens, 3 color temperatures, 5 brightness levels, and 1800mAh battery.

#### 4. SETUP AND INSTALLATION

- 1. Prepare the Surface:** Ensure the installation surface is clean, dry, and smooth.
- 2. For Non-Metallic Surfaces:** Peel off the protective film from one side of the adhesive iron plate and firmly press it onto the desired installation location. Repeat for the second plate, ensuring proper spacing for the light bar.
- 3. Attach the Light:** The light bar has built-in magnets. Simply align the light with the iron plates (or directly to an iron surface) and allow the magnets to secure it in place. This allows for easy removal for charging.

# 1800mAh High-Capacity Battery

USB-C rechargeable and long-lasting battery life



**7-45 Days**  
Motion Sensor



**8 Hours**  
Always ON



Figure 4.1: Illustration of magnetic attachment for easy installation on both iron and non-iron surfaces using adhesive plates.

## 5. OPERATING INSTRUCTIONS

The Gritin under cabinet light features intuitive controls for power, color temperature, and brightness.

### 5.1 Power and Mode Selection

Use the slide switch on the side of the light to select one of the four operating modes:

- **OFF:** The light is completely off.
- **Night Sensing Mode (Moon Icon):** The light will activate only when motion is detected in a dark environment. It will turn off automatically after 20 seconds of no motion.
- **Daytime Sensing Mode (Sun Icon):** The light will activate when motion is detected, regardless of ambient light conditions. It will turn off automatically after 20 seconds of no motion.
- **Always On Mode (ON):** The light remains continuously on.

## 4 Modes Meet the Needs of Different Occasions



### Daytime Sensing Mode

Light up whenever motion is detected



### Night Sensing Mode

Light up when motion is detected in dim or darkness



### Always ON Mode

Continuous and stable lighting



### OFF Mode

The light is off

Figure 5.1: Overview of the four available lighting modes for different occasions.

## 5.2 Adjusting Color Temperature

Press the **Light Color Switch Button** (indicated by a light bulb icon) to cycle through the three color temperature options:

- Warm Light (3000K)
- Mixed Light (4500K)
- Cool Light (6000K)

## Eye Caring 3 Colors Switchable



Light Color  
Switch Button

Figure 5.2: The light offers three color temperatures: Warm (3000K), Natural (4500K), and White (6000K), adjustable via the Light Color Switch Button.

### 5.3 Adjusting Brightness

Use the **Dimming Button** (indicated by a sun icon) to control the light's intensity:

- **Short Press:** Cycles through five preset brightness levels: 10%, 25%, 50%, 75%, and 100%.
- **Long Press (3 seconds):** Activates stepless dimming, allowing you to fine-tune the brightness to any level between minimum and maximum. Release the button when the desired brightness is reached.

## 5-Level Brightness & Stepless Dimming

Dimming Button



Short Press the Button to Switch 5 Levels of Brightness



Level 5

Level 4

Level 3

Level 2

Level 1

Hold the Button for 3 Seconds to Enable Stepless Dimming



Figure 5.3: The light provides 5 distinct brightness levels and a stepless dimming function for precise control.

## 6. CHARGING

The Gritin under cabinet light is equipped with a high-capacity 1800mAh rechargeable battery. When the battery is low, the light indicator will signal the need for charging.

- Connect the provided USB-C cable to the charging port on the light and the other end to a standard USB power adapter (not included) or a computer's USB port.
- A red indicator light will illuminate during charging.
- The indicator light will turn green when charging is complete.

A full charge provides approximately 8 hours of continuous use in high brightness mode or 7-45 days in motion sensor mode, depending on usage frequency.

## Strong Magnetic Attachment for Easy Installation



### Iron Surface: Built-In Magnets, Easy to Attach

Please remove the iron plates before use to ensure magnetism.



### Non-Iron Surfaces: Use with Adhesive Iron Plates

Figure 6.1: The light features an 1800mAh high-capacity battery and a convenient USB-C charging port.

## 7. MAINTENANCE

- **Cleaning:** Wipe the light with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Charging:** Recharge the battery regularly to prolong its lifespan, even if not in frequent use. Avoid fully depleting the battery for extended periods.
- **Storage:** If storing the light for a long time, charge it to about 50% and store in a cool, dry place. Recharge every 3-6 months.
- **Environment:** Avoid exposing the light to extreme temperatures, direct sunlight, or high humidity.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the light using the provided USB-C cable.
	Incorrect mode selected.	Ensure the slide switch is set to 'ON' or a sensing mode.

Problem	Possible Cause	Solution
Motion sensor not working.	Incorrect mode selected.	Ensure the slide switch is set to 'Night Sensing' or 'Daytime Sensing' mode.
	Ambient light too bright (in Night Sensing mode).	Night Sensing mode only activates in dark environments. Switch to Daytime Sensing mode if light is needed in brighter conditions.
Short battery life.	Frequent activation or 'Always On' mode usage.	Battery life is shorter in 'Always On' mode or with very frequent motion activations. Consider using sensing modes for longer battery life.
	Battery not fully charged.	Ensure the light is fully charged until the indicator light turns green.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Gritin
Model Number	G1358
Dimensions (L x W x H)	10.23" x 1.57" x 0.39" (26cm x 4cm x 1cm)
Weight	245 Grams
Material	Aluminum, Plastic
Light Source	84 LEDs
Brightness	180 Lumens (Max)
Color Temperatures	3000K (Warm), 4500K (Mixed), 6000K (Cool)
Power Source	Battery Powered (1800mAh)
Switch Type	Motion sensor, Manual switch
Mounting Type	Magnetic and adhesive
Indoor/Outdoor Usage	Indoor

## 10. WARRANTY AND SUPPORT

This Gritin product comes with a **1-year manufacturer's warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact Gritin customer service through the retailer where the product was purchased or visit the official Gritin website for contact information.