

Müller-Licht 400097

MÜLLER-LICHT Balic Sensor 50 LED Under-Cabinet Light Instruction Manual

Model: 400097

1. INTRODUCTION

Thank you for choosing the MÜLLER-LICHT Balic Sensor 50 LED Under-Cabinet Light. This product is designed to provide efficient and comfortable lighting with intelligent sensor technology. Please read this manual carefully before installation and operation to ensure proper use and longevity of your device.

The Balic Sensor 50 features a sleek aluminum design, warm white light (3000 K), and an intelligent infrared sensor for effortless control. It includes a practical dimming function for adjustable brightness and is energy-saving.

2. SAFETY INSTRUCTIONS

- This product is intended for indoor use only. Do not expose to moisture or extreme temperatures.
- Ensure the power supply is disconnected before installation, cleaning, or maintenance.
- Do not attempt to modify or repair the device yourself. Contact qualified personnel for service.
- Keep packaging materials away from children.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the entire luminaire shall be replaced.
- This is an ambient product. Ambient products are luminaires that can be disassembled for separate inspection of the included light source(s).

3. PACKAGE CONTENTS

Please check that all components are present:

- 1 x Balic Sensor 50 LED Under-Cabinet Light
- Mounting accessories (screws, clips)
- Instruction Manual

4. SETUP AND INSTALLATION

The Balic Sensor 50 is designed for under-cabinet mounting. Follow these steps for installation:

1. **Preparation:** Choose a suitable location under a cabinet. Ensure the surface is clean and dry.
2. **Mounting:** Use the provided mounting accessories (screws and clips) to securely attach the light fixture to the desired surface. Mark the drilling points, drill pilot holes if necessary, and then fasten the light.
3. **Power Connection:** Connect the light to a standard 230 Volt power outlet. Note that the 12 Volt transformer is integrated into the 220 Volt plug. Ensure the plug is fully inserted into the socket.



Image: Balic Sensor 50 installed under a kitchen cabinet, providing warm white illumination.



Image: Angled view of the Balic Sensor 50, showcasing its slim profile and LED strip.

5. OPERATING INSTRUCTIONS

The Balic Sensor 50 features dual sensor technology for convenient control:

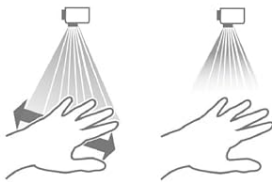
Details



Doppelte Sensortechnik!
Umschaltfunktion per Schalter am Gehäuse.

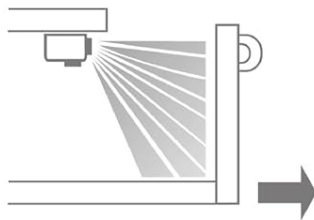
Double sensor technic!
Switching function by switch on the housing.

1.



Bewegungssensor (M) mit Dimmfunktion.
Motion sensor (M) with dim function.

2.



Entfernungssensor (D).
Distance sensor (D).

Image: Diagram explaining the two sensor modes (M for Motion/Dimming, D for Distance) and the switch on the housing.

Sensor Modes:

- **Motion Sensor (M) with Dim Function:** This mode is activated by a switch on the housing. In this mode, the light turns on or off with a simple hand movement near the sensor. To dim the light, hold your hand steadily near the sensor until the desired brightness is reached.
- **Distance Sensor (D):** This mode is also activated by a switch on the housing. In this mode, the light reacts to objects approaching or moving away from the sensor. This is ideal for applications like drawers or cabinet doors, where the light turns on when opened and off when closed.

Switching Sensor Functions:

A switch located on the housing allows you to toggle between the Motion Sensor (M) and Distance Sensor (D) functions. Refer to the diagram above for the switch location.

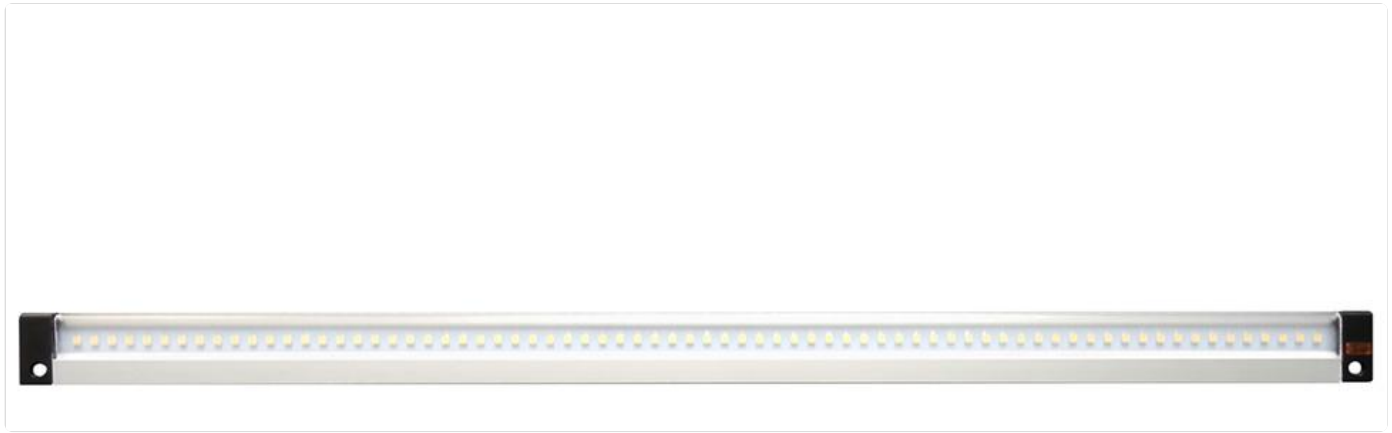


Image: Overview of Balic 50 features: warm white light, dimmable, and sensor functionality.

6. MAINTENANCE

To maintain the performance and appearance of your Balic Sensor 50 LED Under-Cabinet Light:

- **Cleaning:** Disconnect the power before cleaning. Wipe the surface with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the finish.
- **Sensor Care:** Keep the sensor area clean and free from obstructions to ensure optimal functionality.
- **Light Source:** The LED light source is not user-replaceable. If the LEDs fail, the entire fixture must be replaced.

7. TROUBLESHOOTING

If you encounter issues with your Balic Sensor 50, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Sensor obstructed or dirty; Incorrect sensor mode.	Check power connection; Clean sensor area; Ensure correct sensor mode (M or D) is selected.
Sensor is not responding.	Sensor obstructed or dirty; Ambient light too strong; Incorrect sensor mode.	Clean sensor area; Test in different lighting conditions; Verify sensor mode.
Dimming function not working.	Not in Motion Sensor (M) mode; Hand not held steadily.	Switch to Motion Sensor (M) mode; Hold hand steadily near the sensor for a few seconds.
Light turns on/off unexpectedly.	Distance Sensor (D) mode active and detecting nearby objects; Sensor interference.	If in Distance Sensor (D) mode, ensure no objects are constantly moving near it. Consider switching to Motion Sensor (M) mode if this behavior is undesirable for your application. One user noted that taping the distance sensor allowed for external on/off control, suggesting it can be sensitive.

8. SPECIFICATIONS

Feature	Detail
Brand	Müller-Licht
Model Number	400097
Product Dimensions	50 x 2.87 x 0.98 cm
Weight	300 g
Material	Aluminum
Color	Silver
Voltage	230 Volt
Wattage	7.5 Watt
Luminous Flux	400 Lumen
Color Temperature	3000 Kelvin (Warm White)
Color Rendering Index (CRI)	80
Average Lifespan	25,000 Hours
Special Features	Motion Sensor, Dimmable
IP Classification	IP20 (for indoor use)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. MÜLLER-LICHT products are designed for reliability and performance.

If you require technical support or have questions not covered in this manual, please contact MÜLLER-LICHT customer service or your local distributor. Keep your purchase receipt as proof of purchase.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details.](#)

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question