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Briloner 3362-016

Briloner LED Ceiling Light User Manual

Model: 3362-016
Brand: Briloner

1. Introduction

Thank you for choosing the Briloner LED Ceiling Light with Motion Detector and Adjustable Brightness Sensor. This modern ceiling light is designed to enhance your home's interior with its versatile lighting capabilities and energy-efficient features. It is ideal for various indoor spaces, including living rooms, bedrooms, hallways, and bathrooms, providing light only when needed.

This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your product. Please read it thoroughly before installation and use.



Figure 1.1: Briloner LED Ceiling Light, a round white ceiling fixture.

2. Safety Instructions

Please observe the following safety precautions to prevent injury or damage to the product:

- **Electrical Safety:** Always disconnect power at the main circuit breaker before installation, maintenance, or cleaning. Installation should be performed by a qualified electrician or in accordance with local electrical codes.
- **Indoor Use Only:** This product is designed for indoor use (IP44 rated, protected against solid objects over 1mm and splashing water from any direction). Do not expose to direct water spray or extreme humidity.
- **Mounting Surface:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- **Handling:** Handle the light fixture with care. Avoid dropping or subjecting it to strong impacts.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Damaged Product:** Do not operate the light if it is damaged. Contact customer support for assistance.

3. Package Contents

Verify that all components are present and undamaged upon opening the package:

- 1 x Briloner LED Ceiling Light with Motion Detector

If any parts are missing or damaged, please contact your retailer or Briloner customer service.

4. Setup and Installation

Follow these steps for proper installation of your ceiling light:

1. **Preparation:** Turn off the power supply at the main circuit breaker before beginning installation. Ensure the area is well-lit and you have the necessary tools (screwdriver, drill, wire strippers, etc.).
2. **Mounting Location:** Choose a suitable ceiling location. The light is designed for ceiling mounting.
3. **Marking and Drilling:** Hold the mounting bracket against the ceiling at the desired location and mark the drill holes. Drill holes of appropriate size for the provided wall plugs (if applicable) and screws.
4. **Secure Mounting Bracket:** Insert wall plugs into the drilled holes and secure the mounting bracket to the ceiling using screws.
5. **Wiring:** Connect the electrical wires from the ceiling to the terminals on the light fixture. Ensure correct polarity (Live, Neutral, Earth). If unsure, consult a qualified electrician.
6. **Attach Fixture:** Carefully attach the light fixture to the mounting bracket, ensuring it is securely fastened.
7. **Power On:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.

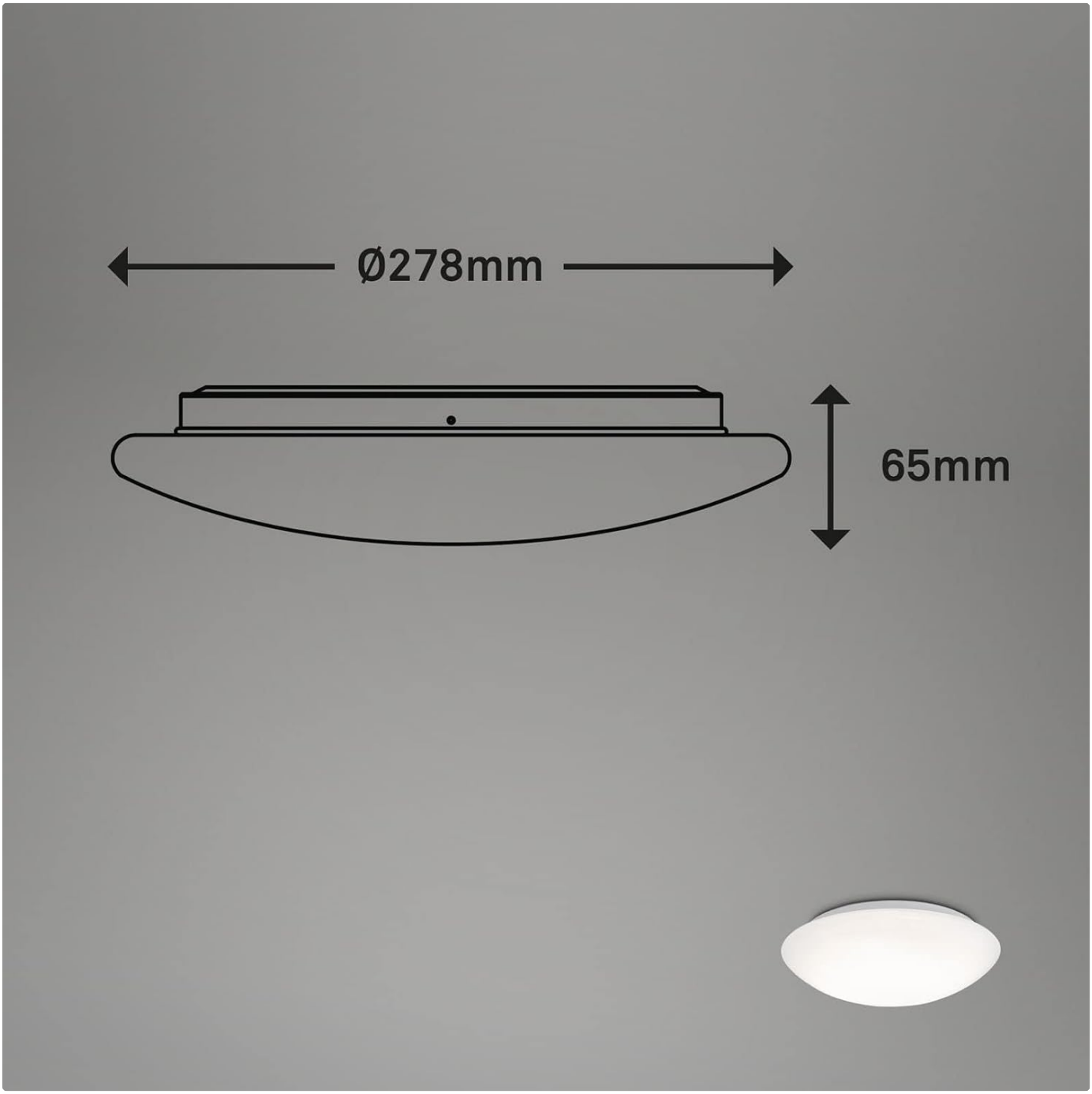


Figure 4.1: Dimensions of the ceiling light (Ø 278mm, 65mm height).

5. Operating Instructions

Your Briloner LED Ceiling Light features an integrated motion detector and a brightness sensor for automatic operation.

Motion Sensor Functionality

The integrated motion detector has a range of up to 8 meters. The light will automatically activate when motion is detected within this range, provided the ambient light level is below a certain threshold (controlled by the brightness sensor).

Adjusting Timer Intervals (DIP Switches)

The duration for which the light remains on after motion detection can be adjusted using DIP switches located on the fixture. These are not continuously adjustable via a knob but are set to specific intervals. You may need to remove the diffuser to access these switches. The available time settings are:

- 5 seconds

- 1 minute
- 3 minutes
- 10 minutes

Refer to the specific markings next to the DIP switches on the product for the exact configuration corresponding to each time setting. Experiment with the settings to find the optimal duration for your needs.

Brightness Sensor (Lux Setting)

The light also includes a brightness sensor that determines when the motion sensor should become active. This prevents the light from turning on during daylight hours. There may be a separate DIP switch or setting to adjust the lux threshold (e.g., active only in darkness, or active in dim light). Consult the product's internal markings for specific lux settings.

Dimmable Feature

While the product is listed as 'Dimmable', this typically refers to the integrated LED's capability rather than user-adjustable dimming via a wall switch. The dimming functionality is likely tied to the sensor's operation or internal settings, not external dimmers. Do not connect this fixture to an external dimmer switch unless explicitly stated in the product's detailed technical specifications or on the product itself.



Figure 5.1: The ceiling light installed in a modern bathroom setting.

6. Maintenance

The Briloner LED Ceiling Light is designed for low maintenance. Follow these guidelines to keep it in optimal condition:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the surface of the light with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or electronic components.
- **LED Lifespan:** The integrated LEDs have an average lifespan of approximately 20,000 hours, meaning they do not require frequent replacement.
- **Sensor Cleaning:** Keep the sensor lens clean and free of dust or obstructions to ensure accurate motion detection.
- **Disposal:** For information on recycling and disposal of this product, especially regarding broken or damaged lamps, please refer to local regulations and recycling guidelines. You can find general information on recycling light bulbs here and on cleaning broken lamps here.

7. Troubleshooting

If you encounter issues with your Briloner LED Ceiling Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Motion sensor not triggered; Ambient light too high; Faulty wiring.	Check circuit breaker. Ensure motion within range. Check lux setting. Verify wiring connections.
Light turns on randomly or stays on.	Sensor too sensitive; Environmental factors (e.g., drafts, small pets); Incorrect timer setting.	Adjust sensor sensitivity (if available via DIP switches). Check for external interferences. Re-adjust timer settings.
Light does not stay on for the set duration.	Incorrect timer setting; Insufficient motion detection.	Verify DIP switch settings for the timer. Ensure continuous motion within sensor range if needed.
Light flickers or dims unexpectedly.	Unstable power supply; Product defect.	Check power source. If problem persists, contact customer support.

If the problem persists after trying these solutions, please contact Briloner customer support or a qualified electrician.

8. Specifications

Feature	Specification
Brand	Briloner
Model Number	3362-016
Product Dimensions	29 x 29 x 9.3 cm
Weight	508 grams
Material	Metal, Plastic
Color	White
Style	With sensor
Light Source Type	LED
Power	15 Watts
Luminous Flux	1500 Lumens
Color Temperature	4000K (Neutral White)
Color Rendering Index (CRI)	80
Average Lifespan	20,000 Hours
Voltage	230 Volts

Feature	Specification
IP Rating	IP44
Special Features	Motion Sensor, Dimmable (internal)

9. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the point of purchase or on the Briloner website. Standard return policies typically allow for refunds or replacements within 14 days of purchase.

If you require technical assistance, have questions about your product, or need to report a defect, please contact Briloner customer support. You can also visit the official Briloner store on Amazon for more information and products: Briloner Store.

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Details

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