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› Briloner LED Panel Ceiling Light 7349-316 Instruction Manual

Briloner 7349-316

Briloner LED Panel Ceiling Light 7349-316 User Manual

Model: 7349-316

1. INTRODUCTION

This manual provides comprehensive instructions for the safe installation, operation, and maintenance of your Briloner LED Panel Ceiling Light, Model 7349-316. This modern, frameless LED panel offers versatile lighting solutions with dimmable functionality, adjustable color temperature (warm white to cool white), and RGB color-changing options, all controllable via the included remote.



Image 1.1: Briloner LED Panel Ceiling Light with its remote control.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Installation should only be performed by a qualified electrician or competent person in accordance with local wiring regulations. Always switch off the main power supply before commencing any installation, maintenance, or repair work.
- **Voltage:** Ensure the power supply voltage matches the requirements specified on the product label.
- **Environment:** This product is designed for indoor use only (IP20 rating). Do not expose it to water, high humidity, or extreme temperatures.
- **Handling:** Handle the LED panel with care to avoid damage. Do not attempt to modify the product.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Briloner LED Panel Ceiling Light (Model 7349-316)
- 1 x Remote Control
- Mounting hardware (screws, wall plugs)
- Instruction Manual

4. INSTALLATION

The Briloner LED Panel is designed for ceiling mounting. Professional installation is recommended.

1. **Prepare for Installation:** Ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Mark Mounting Points:** Hold the LED panel in the desired position on the ceiling and mark the drilling points for the mounting brackets. Refer to the dimensions image for precise measurements.
3. **Drill Holes:** Drill holes at the marked points and insert appropriate wall plugs.
4. **Attach Mounting Brackets:** Secure the mounting brackets to the ceiling using the provided screws.
5. **Electrical Connection:** Connect the household electrical wires to the terminal block on the LED panel. Ensure correct polarity (Live, Neutral, Earth) as per local regulations. Secure all connections.
6. **Mount the Panel:** Carefully attach the LED panel to the mounting brackets, ensuring it is securely fastened.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Image 4.1: Product dimensions (1195mm x 100mm x 57mm).

5. OPERATING INSTRUCTIONS

The LED panel is controlled using the included remote control. Ensure batteries are correctly inserted into the remote.

5.1 Remote Control Functions

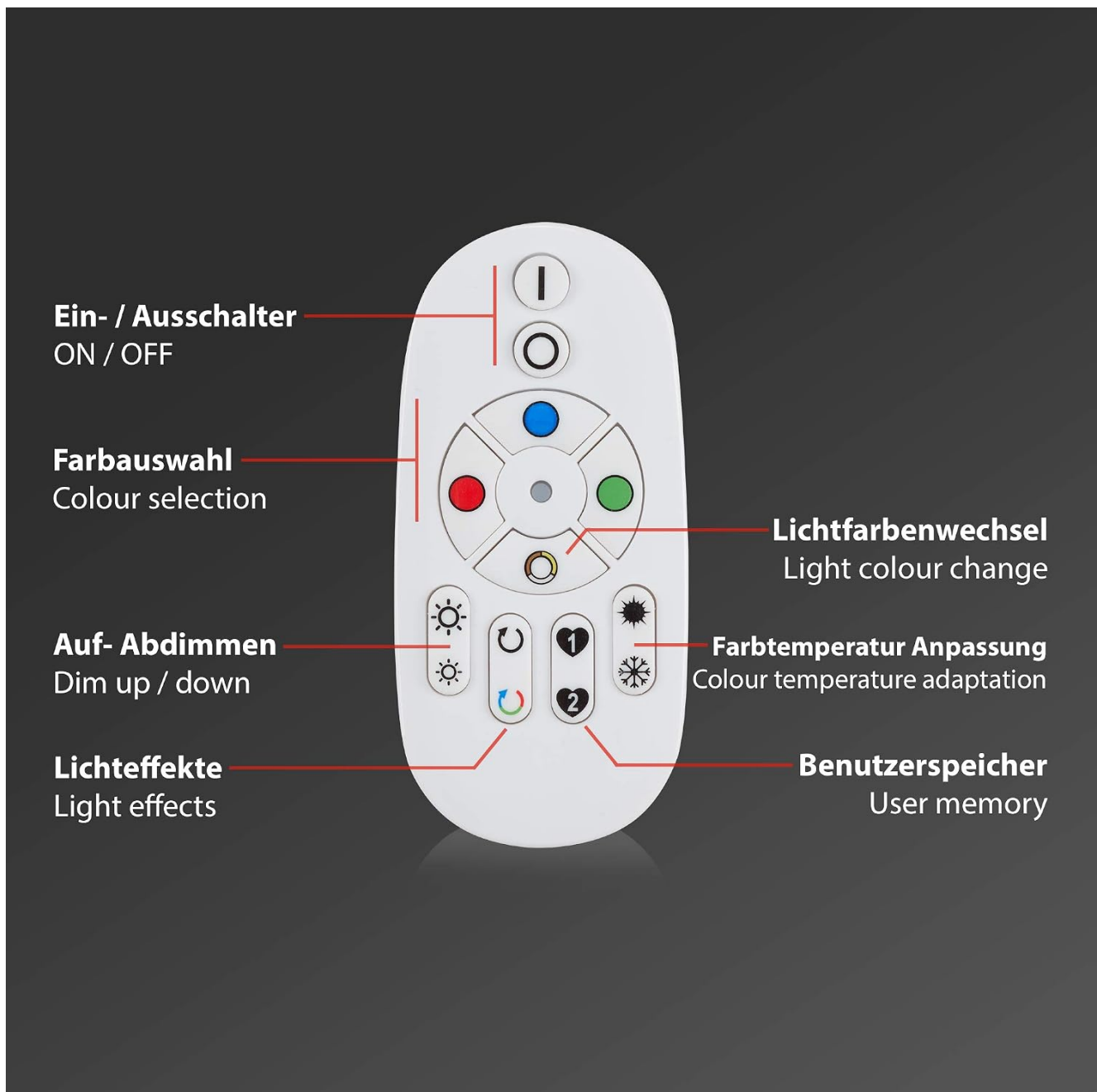


Image 5.1: Remote control layout with labeled functions.

- **ON / OFF Button:** Powers the light on or off.
- **Dim Up / Down:** Adjusts the brightness level of the light.
- **Color Temperature Adjustment:** Changes the white light from warm white (3000K) to cool white (6500K).
- **Color Selection (RGB):** Allows selection of various static RGB colors (Red, Green, Blue, etc.).
- **Light Color Change:** Cycles through dynamic RGB color modes.
- **User Memory:** Recalls the last selected lighting setting (brightness, color temperature, or RGB color).

5.2 Light Modes

The LED panel offers several lighting modes:

- **Dimmable White Light:** Adjust brightness from 1% to 100%.
- **Adjustable Color Temperature:** Select white light from 3000K (warm white) to 6500K (cool white).
- **RGB Color Changing:** Choose from a spectrum of colors or dynamic color effects.



Image 5.2: Overview of white light adjustment, color change, and dimming features.



Stufenlos dimmbar
Dimmable



Warmweiß
Warm white

Neutralweiß
Neutral white

Kaltweiß
Cool white



Image 5.3: Illustration of Warm White, Neutral White, and Cool White settings.



Image 5.4: Demonstration of white light temperature change and RGB color change.

6. MAINTENANCE

The Briloner LED Panel requires minimal maintenance.

- **Cleaning:** Ensure the power supply is disconnected before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the panel. Do not use harsh chemicals, abrasive cleaners, or sprays directly on the light fixture.
- **LED Lifespan:** The integrated LED board has an average lifespan of approximately 25,000 hours and does not require replacement.
- **Remote Control:** If the remote control stops responding, check and replace its batteries.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Remote control batteries depleted.	Check the circuit breaker. Verify all electrical connections are secure (ensure power is off first). Replace remote control batteries.
Remote control is unresponsive.	Batteries are depleted or incorrectly inserted. Obstruction between remote and panel.	Replace batteries, ensuring correct polarity. Ensure a clear line of sight to the panel.
Light flickers or dims unexpectedly.	Unstable power supply. Loose wiring.	Consult a qualified electrician to check the electrical installation. Check wiring connections (with power off).

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	7349-316
Brand	Briloner
Product Dimensions (LxWxH)	119.5 x 10 x 5.7 cm
Weight	1 kg
Power Consumption	24 Watt
Luminous Flux	2900 Lumen
Color Temperature	3000K (Warm White) to 6500K (Cool White)
Color Function	RGB Color Change
Dimmable	Yes
Control Method	Remote Control
Material	Plastic
Color	White
Protection Class	IP20 (Indoor Use Only)
Average Lifespan	Approx. 25,000 hours
Energy Source	AC
Included Components	1 x LED Panel, 1 x Remote Control
Note on Product Type	This is a surrounding product, meaning the luminaire can be disassembled for separate inspection of the included light source(s).

9. WARRANTY INFORMATION

Specific warranty details for the Briloner LED Panel Ceiling Light 7349-316 are typically provided with the product packaging or can be found on the manufacturer's official website. Please refer to these sources for comprehensive warranty terms and conditions.

10. CUSTOMER SUPPORT

For further assistance, technical inquiries, or to report any issues not covered in this manual, please contact Briloner customer support. Contact information can usually be found on the product packaging, the manufacturer's website, or through your retailer.

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