

Briloner 7304-016

BRILONER 7304-016 LED Panel Ceiling Light User Manual

Model: 7304-016 | Brand: Briloner

1. INTRODUCTION

Thank you for choosing the BRILONER 7304-016 LED Panel Ceiling Light. This modern, ultra-flat LED panel is designed to provide versatile and comfortable lighting for various indoor spaces. It features adjustable color temperature, dimming capabilities, and a unique starry sky effect, all controllable via the included remote control. Please read this manual carefully before installation and use to ensure proper operation and safety.

What's in the Box

- 1x BRILONER 7304-016 LED Panel Ceiling Light
- 1x Remote Control
- Mounting Hardware (screws, wall plugs)
- User Manual

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before installing or operating this product. Failure to do so may result in electric shock, fire, or other injuries.

- **Electrical Safety:** Always disconnect power at the main circuit breaker before installation, maintenance, or cleaning. Ensure all electrical connections comply with local codes and regulations.
- **Qualified Personnel:** Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- **Indoor Use Only:** This product has an IP20 rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. Do not install in damp or wet locations such as bathrooms or outdoors.
- **Mounting:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- **Handling:** Handle the LED panel with care to avoid damage to the light source or housing.
- **Light Source:** The LED light source is not replaceable by the user. Do not attempt to open or modify the fixture.

3. SETUP AND INSTALLATION

Follow these steps for safe and correct installation of your LED panel ceiling light.

3.1 Pre-Installation Checks

- Unpack the fixture and inspect for any damage.
- Ensure all components listed in 'What's in the Box' are present.
- Turn off the main power supply at the circuit breaker before starting any electrical work.

3.2 Mounting the Fixture

1. Determine the desired mounting location on the ceiling.
2. Mark the drilling points for the mounting bracket.
3. Drill holes and insert appropriate wall plugs.
4. Secure the mounting bracket to the ceiling using the provided screws.



Image 3.2.1: The BRILONER 7304-016 LED Panel Ceiling Light with its dimensions: 1195mm length, 295mm width, and 65mm height.

This image helps in planning the installation space.

3.3 Electrical Connection

1. Connect the household electrical wires to the terminal block on the fixture. Ensure correct polarity (Live, Neutral, Earth).
2. Carefully tuck the wires into the junction box or fixture housing.
3. Attach the LED panel to the mounting bracket, ensuring it is securely fastened.



Image 3.3.1: The BRILONER 7304-016 LED Panel Ceiling Light shown with its accompanying remote control. This illustrates the complete product package after installation.

3.4 Final Steps

- Once the fixture is securely mounted and wired, restore power at the circuit breaker.
- Test the light using the remote control.

4. OPERATING INSTRUCTIONS

Your BRILONER LED Panel Ceiling Light comes with a remote control for convenient operation of its various functions.

4.1 Remote Control Functions

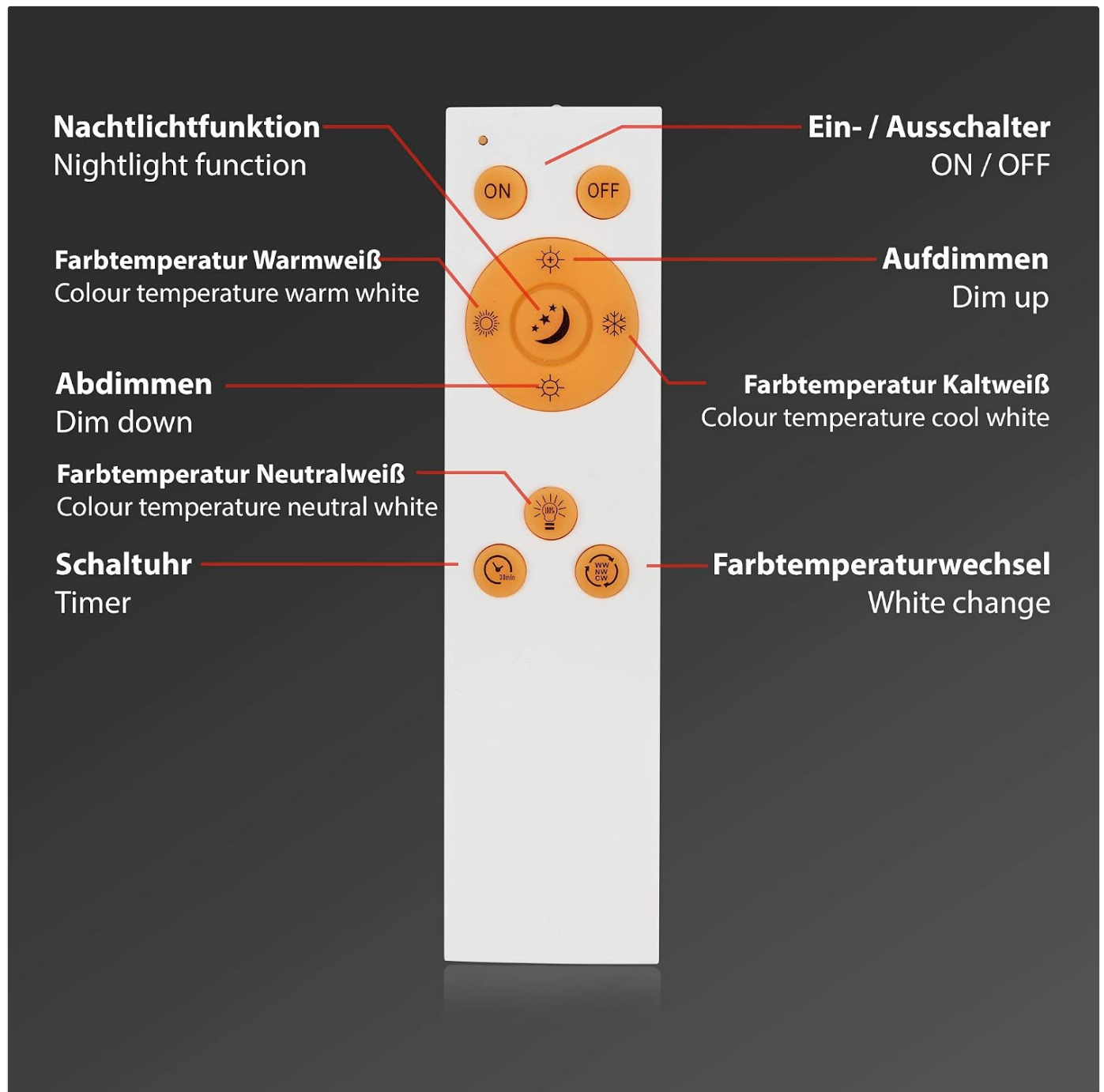


Image 4.1.1: Detailed view of the remote control with all buttons labeled for their respective functions, including ON/OFF, dimming, color temperature adjustment, nightlight, and timer.

- **ON / OFF:** Press to turn the light on or off.
- **Dim Up / Dim Down:** Adjust the brightness level of the light.
- **Color Temperature Warm White:** Sets the light to a warm white tone (approx. 3000K).
- **Color Temperature Neutral White:** Sets the light to a neutral white tone (approx. 4500K).
- **Color Temperature Cool White:** Sets the light to a cool white tone (approx. 6500K).
- **White Change:** Cycles through the color temperature range (3000K to 6500K) for fine-tuning.
- **Nightlight Function:** Activates a very low brightness setting suitable for night use.

- **Timer:** Sets a timer for the light to turn off automatically.




Stufenlos dimmbar
Dimmable

Warmweiß
Warm white

Neutralweiß
Neutral white

Kaltweiß
Cool white

Image 4.1.2: This image demonstrates the adjustable color temperature feature, showing the light transitioning from warm white to neutral white and cool white. The slider below visually represents the color temperature spectrum from 3000K to 6000K.

4.2 Starry Sky Effect

The LED panel features numerous small light diodes that create a subtle starry sky effect, enhancing the ambiance of your room. This effect is integrated into the main light output and is visible when the light is on.



Image 4.2.1: The BRILONER LED Panel highlighting its key features: Starlight Effect, White Change (3000K-6000K), Dimmable functionality, and its Ultra-flat 65mm design. The starlight effect is visible on the panel surface.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your BRILONER LED Panel Ceiling Light, follow these simple maintenance guidelines:

- **Cleaning:** Always disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.
- **Light Source:** The LED light source is designed for a long lifespan (approximately 20,000 hours) and does not

require replacement.

6. TROUBLESHOOTING

If you encounter any issues with your LED panel, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Remote control battery depleted.	Check circuit breaker. Ensure power is on. Verify wiring connections (with power off). Replace remote control batteries.
Remote control not working.	Batteries depleted or incorrectly inserted. Obstruction between remote and fixture. Remote not paired (if applicable).	Replace batteries, ensure correct polarity. Remove any obstructions. Refer to remote pairing instructions (if provided separately).
Light flickers or dims unexpectedly.	Unstable power supply. Loose connection. Incompatible dimmer (if not using remote).	Consult an electrician to check power supply. Check wiring connections (with power off). This fixture is designed for remote dimming; external dimmers may not be compatible.

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

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	7304-016
Brand	Briloner
Dimensions (L x W x H)	119.5 x 29.5 x 6.5 cm
Weight	2.4 Kilograms
Material	Metal, Plastic
Color	White
Power Consumption	36 Watts
Luminous Flux	3800 Lumens
Color Temperature (CCT)	3000K - 6500K (Adjustable)

Feature	Specification
Dimmable	Yes, via remote control
Voltage	230 Volts
IP Rating	IP20 (Indoor use only)
Average Lifespan	20,000 Hours
Special Features	Starry sky effect, Remote control included

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This BRILONER product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your retailer or the BRILONER customer service department. Contact information can typically be found on the product packaging or the official Briloner website.

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.

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Email

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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

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