

Briloner 7094-416

Briloner LED Panel Ceiling Light - Model 7094-416

Instruction Manual

1. INTRODUCTION

Thank you for choosing the Briloner LED Panel Ceiling Light, Model 7094-416. This modern, ultra-flat LED panel offers versatile lighting options for your home, featuring dimmable neutral white light, RGB color control, and an integrated backlight effect. This manual provides essential information for safe installation, operation, and maintenance of your new light fixture. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local wiring regulations.
- Ensure the mounting surface can support the weight of the fixture.
- Do not modify the product in any way.
- This product is rated IP20, meaning it is protected against solid objects over 12.5mm but has no protection against water. Do not install in bathrooms or other areas where it may be exposed to water or high humidity.
- For information on recycling light bulbs and cleaning broken lamps, please refer to local guidelines and regulations.

3. PACKAGE CONTENTS

Please check that all components are present and undamaged:

- 1x Briloner LED Panel Ceiling Light (Model 7094-416)
- 1x Remote Control
- Mounting hardware (screws, wall plugs)
- Instruction Manual (this document)

4. SPECIFICATIONS

Model Number	7094-416
Dimensions (Diameter x Height)	Ø 42 cm x 2.8 cm (420mm x 28mm)

Weight	1.1 kg
Power Consumption	22 Watts
Luminous Flux	2700 Lumens
Color Temperature	4000 Kelvin (Neutral White)
Special Features	Dimmable, RGB Color Control, Backlight Effect
Protection Class	IP20
Average Lifespan	Approx. 25,000 hours



Image: Product dimensions diagram, showing a diameter of 420mm and a height of 28mm.

5. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. **Preparation:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Mounting Location:** Choose a suitable location on the ceiling. The fixture is designed for indoor use in dry environments (IP20).
3. **Marking:** Hold the light fixture base against the ceiling and mark the positions for the mounting holes.
4. **Drilling:** Drill holes at the marked positions and insert appropriate wall plugs (if necessary).
5. **Wiring:** Connect the electrical wires from the ceiling to the terminal block on the light fixture. Ensure correct polarity (Live, Neutral, Earth). It is crucial not to swap the cables, as this could cause a fuse to blow.
6. **Secure Mounting:** Attach the light fixture base to the ceiling using the provided screws. Some installations may benefit from a safety rope (not included) to temporarily hold the fixture during wiring. Ensure the fixture is securely fastened with at least two screws to prevent rotation.
7. **Final Assembly:** Attach the diffuser cover to the fixture base.
8. **Power On:** Restore power at the circuit breaker.



Image: The Briloner LED Panel Ceiling Light and its remote control.

6. OPERATING INSTRUCTIONS

Your Briloner LED Panel Ceiling Light is controlled using the included remote control. Ensure the remote has working batteries (not included, typically 2x AAA). Point the remote control directly at the light fixture for optimal response.

6.1 Remote Control Functions

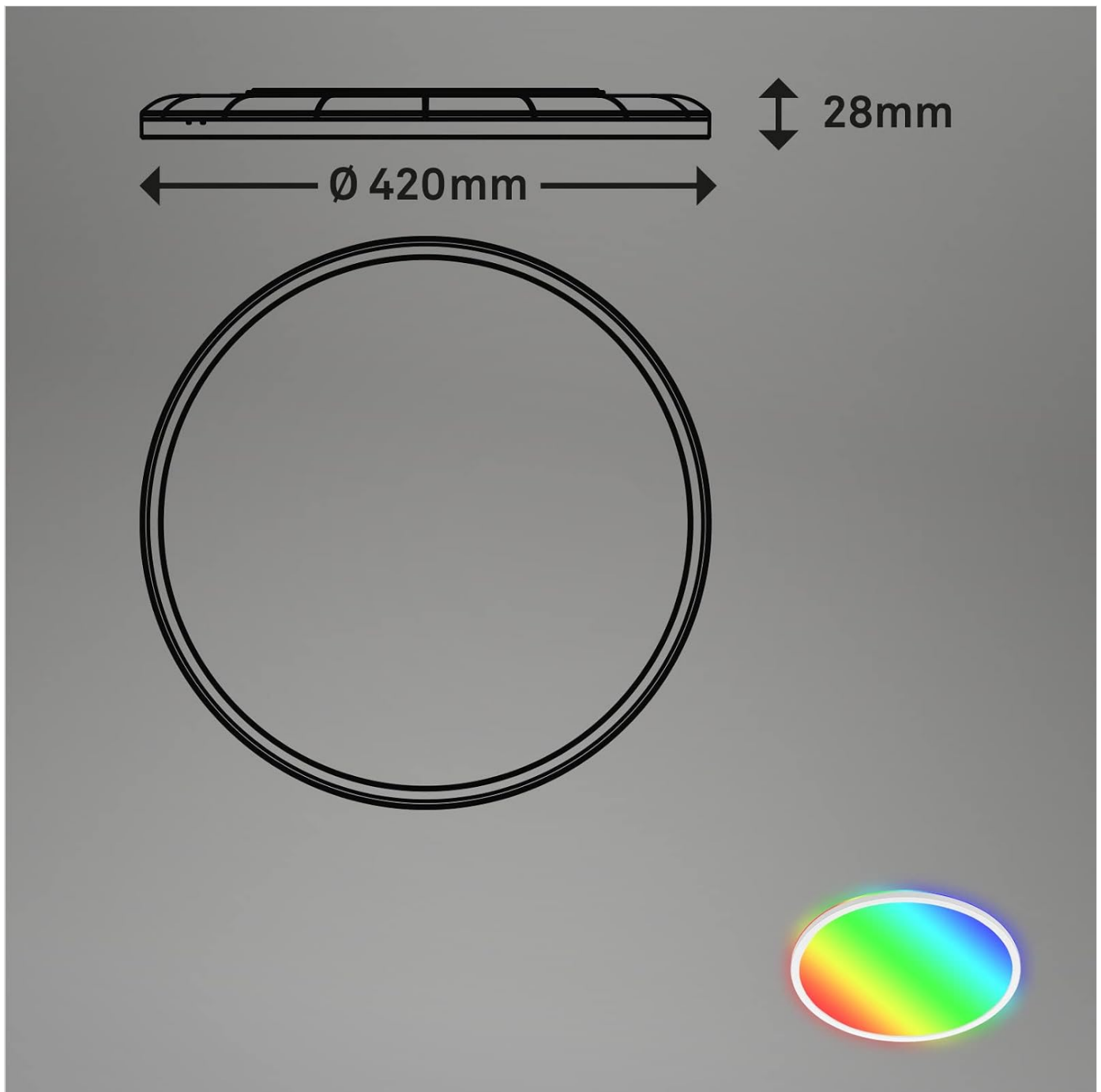


Image: Remote control layout with key functions labeled.

- **ON/OFF Switch:** Use the "ON" and "OFF" buttons to turn the light on and off.
- **Dim Up/Down (+/-):** Adjust the brightness of the light. This function works for both neutral white and RGB colors.
- **Neutral White (4000K):** Press the dedicated "Neutral White" button to activate the standard 4000 Kelvin neutral white light. This is the primary functional light.
- **Color Selection:** The remote features a grid of colored buttons. Press any of these buttons to select a specific static RGB color for the main light.
- **Color Change:** Press the "Color Change" button to initiate a dynamic cycle through various RGB colors.
- **Smooth Color Change:** Press the "Smooth Color Change" button for a gradual transition between RGB colors.

6.2 Backlight Effect

The fixture includes an integrated backlight effect, which creates an indirect glow around the edge of the panel, enhancing ambiance. This backlight can also display RGB colors.

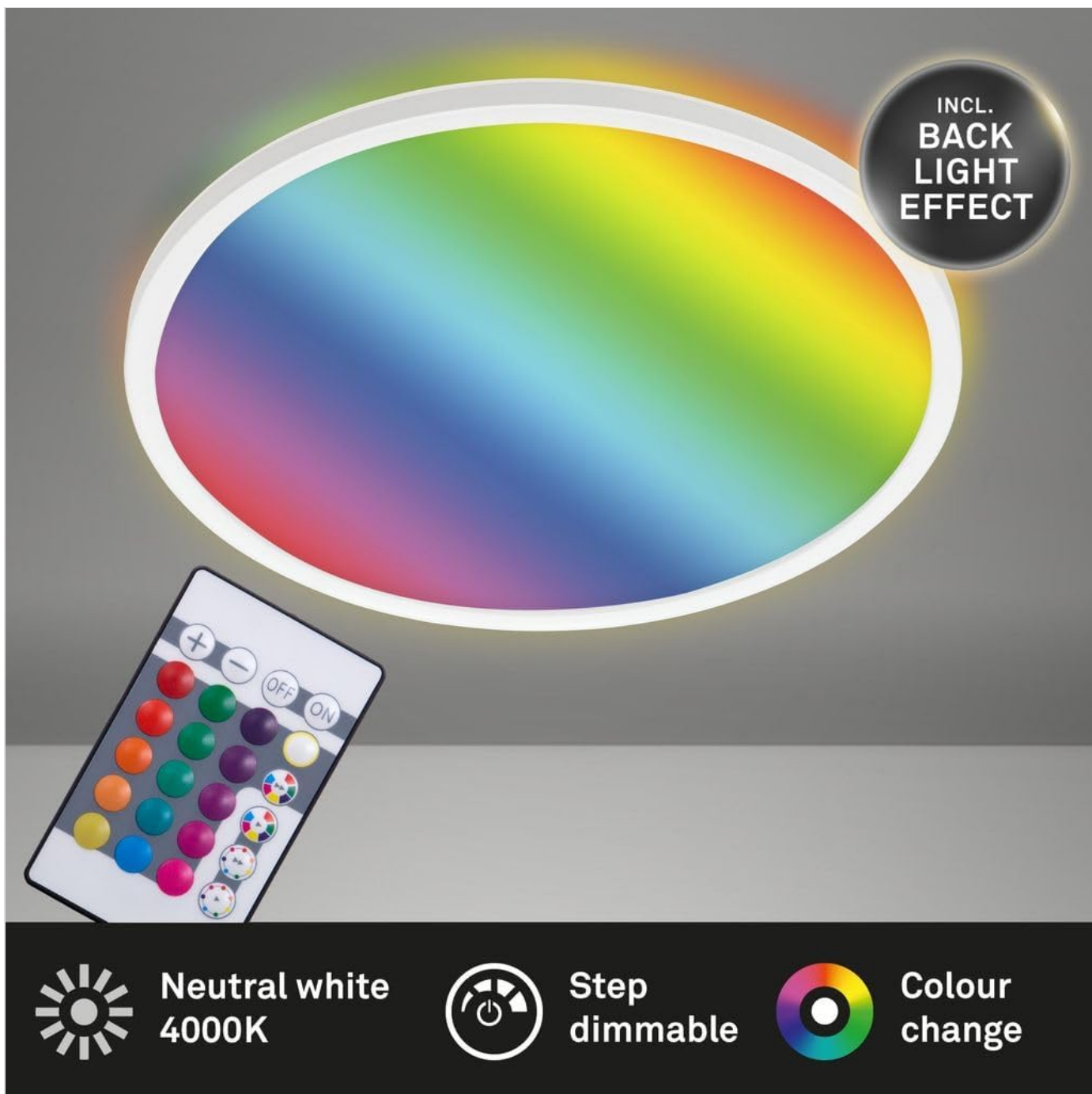


Image: The LED panel demonstrating the backlight effect, along with icons indicating neutral white (4000K), step dimmable functionality, and color change capability.



Image: The LED panel showcasing its color change feature, with the backlight effect visible.

6.3 Memory Function

The light fixture has a memory function:

- If you turn the light off and on using the remote control, it will retain the last selected setting (brightness and color).
- If you turn the light off and on using a wall switch, it will typically default to the brightest neutral white setting.

7. MAINTENANCE

To ensure the longevity and optimal performance of your LED panel, follow these maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **LEDs:** The integrated LED module is designed for a long lifespan and is not user-replaceable.

- **Remote Control:** Replace batteries in the remote control as needed. Ensure correct battery orientation.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; remote control batteries depleted.	Check circuit breaker. Verify wiring connections (ensure Live and Neutral are not swapped). Replace remote control batteries.
Remote control not responding.	Remote control batteries depleted; remote not pointed at fixture; obstruction.	Replace remote control batteries. Ensure direct line of sight to the light fixture. Remove any obstructions.
Light flickers or behaves erratically.	Unstable power supply; loose wiring; incompatible dimmer (if external dimmer is used, though this product is remote-dimmable).	Check wiring connections. Ensure power supply is stable. This fixture is designed for remote dimming; avoid connecting to external wall dimmers unless explicitly stated as compatible.
Fuse blows upon installation.	Incorrect wiring (e.g., Live and Neutral swapped).	Immediately disconnect power. Re-check all wiring connections carefully. If unsure, consult a qualified electrician.

9. WARRANTY AND SUPPORT

Briloner products are manufactured to high-quality standards. For any questions, technical support, or warranty claims, please contact your retailer or Briloner customer service. Please have your model number (7094-416) and proof of purchase ready when contacting support.

For more information about Briloner, you can visit their official store:[Briloner Store](#).

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