

Briloner 7154-016

Briloner Leuchten Ultra-Flat RGB CCT LED Panel Ceiling Light (Model 7154-016) Instruction Manual

Model: 7154-016 | Brand: Briloner

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Briloner Leuchten Ultra-Flat RGB CCT LED Panel Ceiling Light. Please read these instructions thoroughly before installation and retain them for future reference.

The Briloner Leuchten Ultra-Flat RGB CCT LED Panel is a modern ceiling light designed for various indoor applications. It features adjustable color temperature, dimming capabilities, and RGB color changing functions, all controllable via an included remote control.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations. Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- **Product Integrity:** Do not modify or disassemble the light panel. Any modifications may void the warranty and pose safety risks.
- **Environment:** This product is designed for indoor use only (IP20 rating). Do not expose it to moisture or extreme temperatures.
- **Handling:** Handle the LED panel with care to avoid damage.
- **Light Source:** This product contains a light source of energy efficiency class F. The light source is not user-replaceable.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- 1x Briloner Ultra-Flat RGB CCT LED Panel
- 1x Remote Control
- Mounting Hardware (screws, wall plugs)
- Instruction Manual

4. PRODUCT OVERVIEW

The Briloner LED Panel offers versatile lighting options for your space.



Image 1: Briloner Ultra-Flat RGB CCT LED Panel with its remote control.



Farbprogramme und Lichteffekte wählbar
Colour programs and light effects selectable

Image 2: The LED panel highlights its key features: adjustable white color temperature (3000K-6500K), RGB color changing, and dimmable functionality.

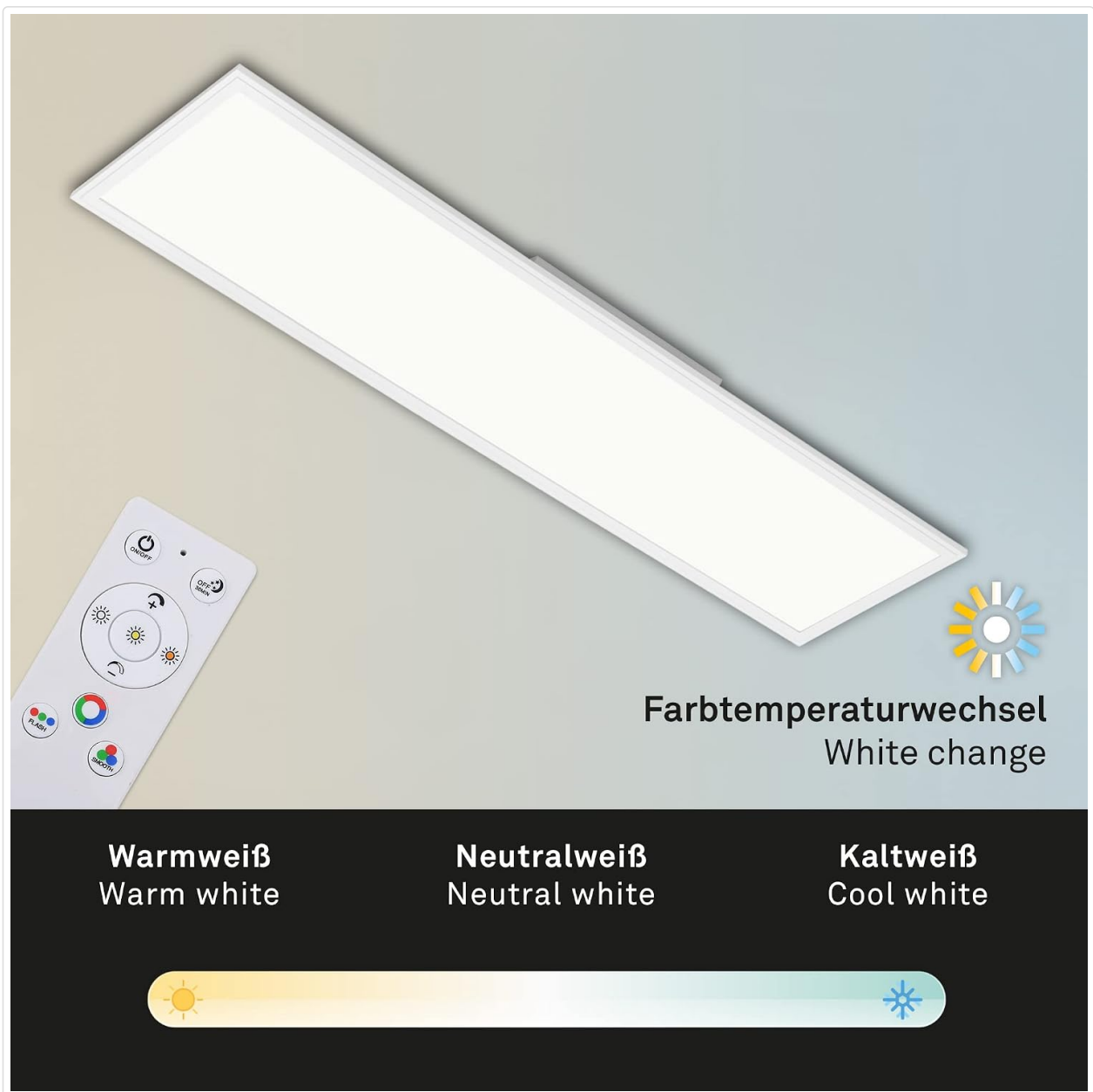


Image 3: Illustration of the continuous dimming capability, showing light intensity from 10% to 100%.



Image 4: The panel's ability to change white light temperature, offering Warm white, Neutral white, and Cool white options.

5. SETUP AND INSTALLATION

The Briloner LED Panel is designed for ceiling mounting. Installation requires basic electrical knowledge and tools.

5.1 Pre-Installation

1. **Disconnect Power:** Before starting any electrical work, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Unpack:** Carefully remove the LED panel and all components from the packaging. Inspect for any damage.
3. **Tools Required:** You will need a drill, screwdriver, wire strippers, and potentially a voltage tester.

5.2 Mounting the Panel

1. **Marking:** Hold the mounting bracket (usually located on the back of the panel or included separately) against the ceiling at the desired installation point. Mark the positions for drilling.
2. **Drilling:** Drill holes at the marked positions. Insert appropriate wall plugs if necessary.

3. **Secure Bracket:** Attach the mounting bracket securely to the ceiling using the provided screws.

5.3 Electrical Connection

1. **Wiring:** Connect the household electrical wires to the terminal block on the LED panel. Ensure correct polarity (Live, Neutral, Earth). Refer to the wiring diagram if provided with the product.
2. **Secure Connections:** Double-check all connections to ensure they are tight and secure.

5.4 Final Assembly

1. **Attach Panel:** Carefully attach the LED panel to the secured mounting bracket. Ensure it clicks into place or is fastened according to the specific design.
2. **Restore Power:** Once the installation is complete and all connections are secure, restore power at the circuit breaker.
3. **Test:** Test the light panel using the remote control.

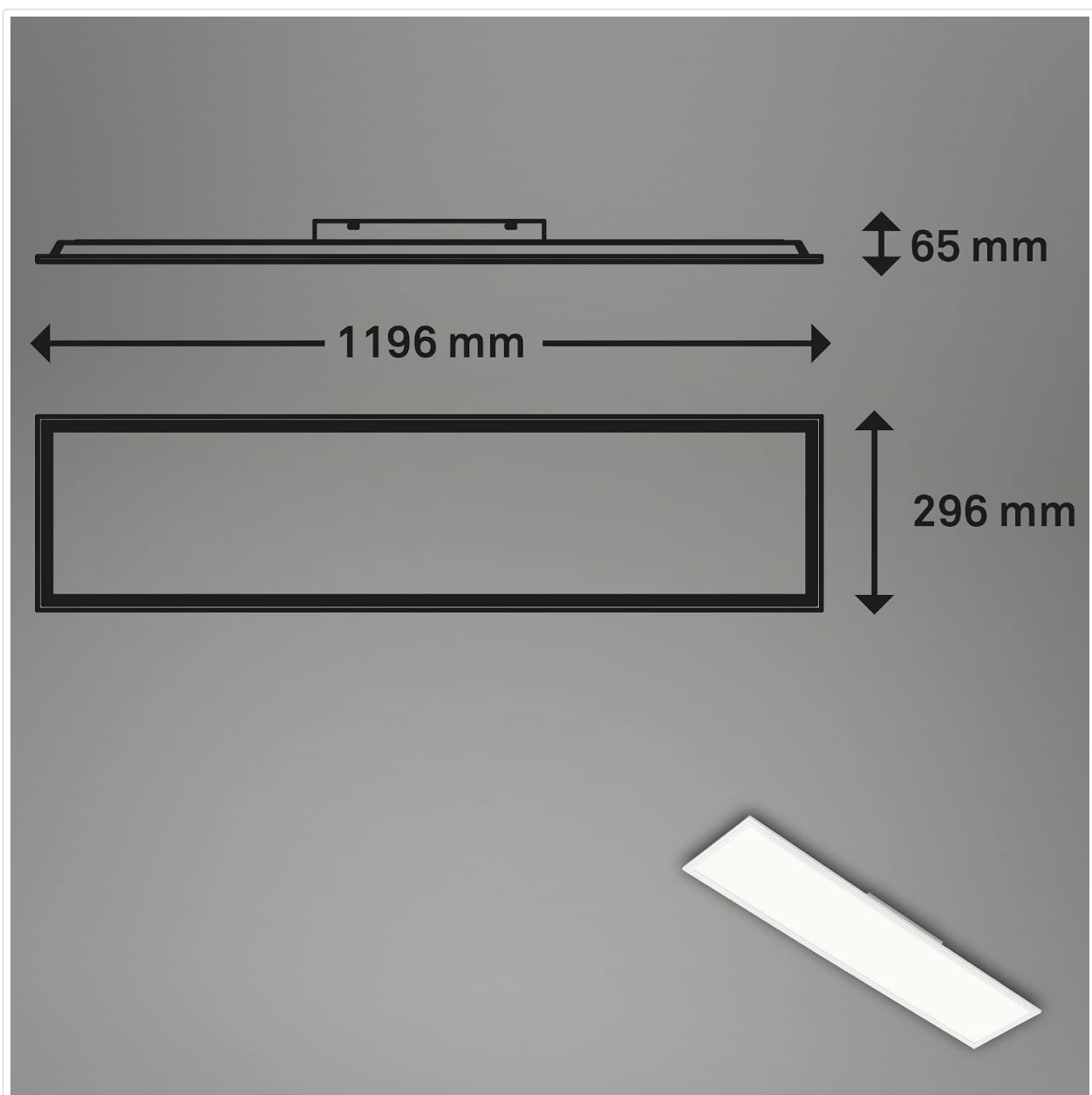


Image 5: Dimensional drawing of the LED panel, showing approximate measurements of 1196mm x 296mm x 65mm.

6. OPERATING INSTRUCTIONS

The Briloner LED Panel is controlled via the included remote control.

6.1 Remote Control Functions

- **ON/OFF:** Power the light on or off.
- **Dimming:** Adjust the brightness level. The light is continuously dimmable.
- **Color Temperature Adjustment (CCT):** Change the white light from warm white (3000K) to neutral white to cool white (6500K).
- **RGB Color Change:** Select from a range of static RGB colors or activate color-changing programs.
- **Memory Function:** The light typically retains the last used settings (brightness, color temperature, color) when switched off and on.
- **Night Light Function:** Activates a low-brightness, warm light setting suitable for night use.



Image 6: The remote control allows selection of various color programs and light effects.

7. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the LED panel. Do not use abrasive cleaners or solvents.

- **Inspection:** Periodically check the light for any signs of damage or loose connections.
- **Light Source:** The LED light source is integrated and not designed for user replacement.

8. 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; Faulty remote control battery	Check circuit breaker; Verify wiring connections; Replace remote control battery.
Remote control not working	Battery depleted; Obstruction between remote and panel; Remote not paired (if applicable)	Replace battery; Ensure clear line of sight; Refer to remote pairing instructions (if any).
Light flickers	Unstable power supply; Loose connection; Incompatible dimmer (if not using remote)	Check power source; Verify wiring; Use only the provided remote for dimming.
Incorrect color or brightness	Incorrect remote setting	Adjust settings using the remote control.

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

9. SPECIFICATIONS

Feature	Specification
Brand	Briloner
Manufacturer	Briloner Leuchten
Model Number	7154-016
Product Dimensions (L x W x H)	119.5 x 29.5 x 6.5 cm (approximate)
Item Weight	2.43 Kilograms
Color	White
Material	Plastic, Metal
Style	Modern
Shape	Rectangular
Voltage	230 Volts

Feature	Specification
Wattage	40 Watts
Luminous Flux	4100 Lumens
Color Temperature	3000K - 6500K (Adjustable)
Bulb Type	LED (Integrated)
Average Lifespan	20,000 Hours
IP Rating	IP20
Special Features	Dimmable, Color Changing (RGB), Color Temperature Adjustable, Remote Control, Memory Function, Night Light Function
Installation Type	Ceiling Mount
Country of Origin	China

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact Briloner Leuchten directly through their official website or your retailer.
Please retain your proof of purchase for any warranty claims.