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› Briloner Loft LED Panel Light 7083-016 User Manual

## Briloner 7083-016

# Briloner Loft LED Panel Light 7083-016 User Manual

Model: 7083-016

## 1. INTRODUCTION

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Thank you for choosing the Briloner Loft LED Panel Light. This modern and versatile ceiling lamp is designed to provide comfortable and customizable lighting for your indoor spaces. It features dimmable functionality, adjustable color temperature, RGB color options, and convenient control via a remote or smartphone app. Please read this manual carefully before installation and use to ensure safe and optimal operation.

## 2. SAFETY INSTRUCTIONS

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- **Indoor Use Only:** This product has an IP20 protection rating, meaning it is protected against solid objects larger than 12.5mm but has no protection against water. Do not install in damp rooms or outdoors.
- **Electrical Safety:** Installation should only be performed by a qualified electrician in accordance with local wiring regulations. Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- **Handling:** Do not attempt to modify or repair the product. Any unauthorized modifications will void the warranty.
- **Cleaning:** Use a dry, soft cloth for cleaning. Do not use abrasive cleaners or solvents.

## 3. PACKAGE CONTENTS

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Please check that all components are present and undamaged:

- 1 x Briloner Loft LED Panel Light (Model 7083-016)
- 1 x Remote Control
- Mounting Hardware (screws, wall plugs)
- User Manual

## 4. SETUP AND INSTALLATION

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Follow these steps for proper installation:

1. **Preparation:** Ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Mounting Bracket:** Attach the mounting bracket securely to the ceiling using the provided screws and wall plugs.

The bracket allows for minor adjustments along two axes.

3. **Wiring:** Connect the electrical wires from your ceiling to the terminal block on the LED panel light. Ensure correct polarity (Live, Neutral, Earth).
4. **Secure the Light:** Carefully attach the LED panel light to the mounting bracket, ensuring it is firmly secured.
5. **Power On:** Restore power to the circuit.

#### 4.1. Initial Pairing (Remote Control & App)

To pair the light with the remote control or the smartphone app, it is recommended to set the light to "Cold White" mode before initiating the pairing process. This typically involves turning the light on and off a few times in quick succession until it enters pairing mode.



Image: The Briloner Loft LED Panel Light, showing the included remote control and the smartphone app interface for smart control.

#### 4.2. App Control Setup

The light can be controlled via a smartphone app (compatible with iOS and Android) and is compatible with smart home systems like Amazon Echo and Google Home. Download the "Smart Life" app from your device's app store and follow the

in-app instructions to connect your light to your Wi-Fi network.

## 5. OPERATING INSTRUCTIONS

The Briloner Loft LED Panel Light offers various functions for customized lighting:

### 5.1. Remote Control Functions

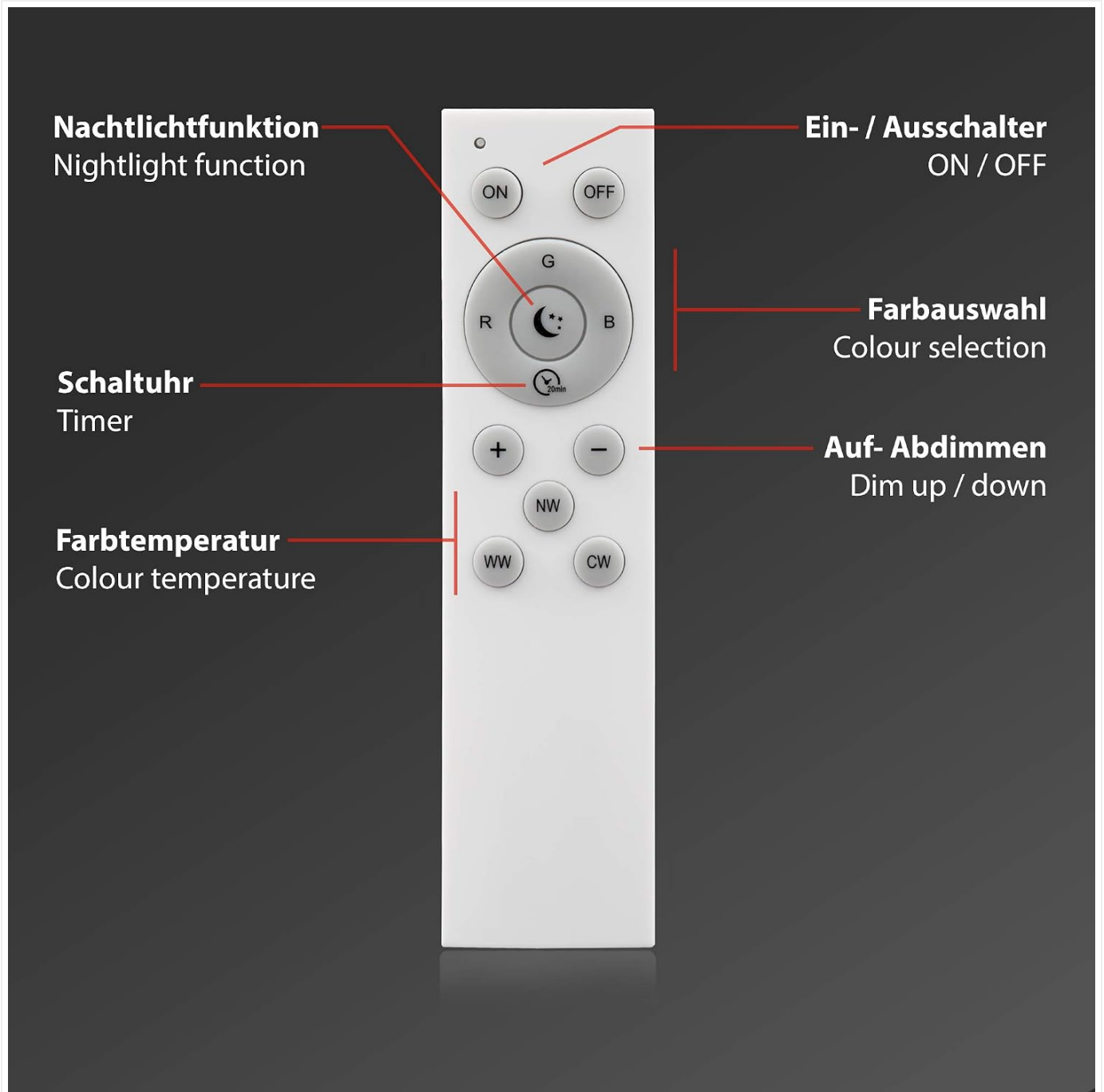


Image: Detailed view of the remote control with labels for each function button.

- **ON/OFF:** Power the light on or off.
- **Dim Up/Down (+/-):** Adjust the brightness level.
- **Color Temperature (WW/NW/CW):** Switch between Warm White (WW), Neutral White (NW), and Cool White (CW). The color temperature is adjustable from 3000K (warm) to 6500K (cool).
- **RGB Color Selection (R/G/B):** Choose from various RGB colors like red, green, and blue.
- **Nightlight Function:** Activates a low-intensity light setting suitable for night use.

- **Timer Function:** Sets the light to dim to 10% lumen after 10 minutes and automatically switch off after 20 minutes.
- **Memory Function:** The light remembers the last used setting (brightness, color temperature, or RGB color) when switched off and on again.



Image: The LED panel light demonstrating the range of white light, from warm to cool.



Image: The LED panel light showcasing its ability to display a spectrum of RGB colors.

## 5.2. App Control

Once connected to the "Smart Life" app, you can control all light functions from your smartphone, including precise dimming, color temperature adjustment, RGB color selection, and setting schedules or scenes. The app also allows integration with Amazon Echo and Google Home for voice control.

## 6. MAINTENANCE

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The Briloner Loft LED Panel Light requires minimal maintenance.

- **Cleaning:** Ensure the light is switched off and cool before cleaning. Wipe the surface with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or sprays directly on the fixture.
- **LED Lifespan:** The integrated LED panel has a long average service life of approximately 25,000 hours and does not require bulb replacement.

## 7. TROUBLESHOOTING

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

| Problem                              | Possible Cause                                                            | Solution                                                                                                                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Light does not turn on.              | No power supply; loose wiring; faulty switch.                             | Check power supply at the circuit breaker. Verify wiring connections. Test the wall switch.                                                                                                    |
| Remote control not working.          | Batteries depleted; remote not paired.                                    | Replace remote control batteries. Re-pair the remote control with the light (refer to Section 4.1).                                                                                            |
| App control not working.             | Wi-Fi connection issue; light not paired with app.                        | Ensure your Wi-Fi network is active and the light is within range. Re-pair the light with the "Smart Life" app (refer to Section 4.2). Ensure the light is set to "Cold White" during pairing. |
| Light flickers or dims unexpectedly. | Unstable power supply; incompatible dimmer (if external); internal fault. | Ensure stable power. This light is internally dimmable; do not connect to external dimmers. If problem persists, contact support.                                                              |

## 8. SPECIFICATIONS

| Feature                | Specification                                                              |
|------------------------|----------------------------------------------------------------------------|
| Model Number           | 7083-016                                                                   |
| Dimensions (L x W x H) | 295 x 295 x 61 mm                                                          |
| Weight                 | 850 grams                                                                  |
| Power Consumption      | 18 Watts                                                                   |
| Luminous Flux          | 1700 Lumens                                                                |
| Color Temperature      | 3000K (Warm White) to 6500K (Cool White)                                   |
| Color Options          | Dimmable White, RGB (Red, Green, Blue, etc.)                               |
| Control Methods        | Remote Control, Wi-Fi App (iOS/Android), Voice Control (Echo, Google Home) |
| Special Features       | Memory Function, Nightlight Function, Timer Function                       |
| Average Service Life   | Approx. 25,000 hours                                                       |
| Protection Class       | IP20 (Indoor Use Only)                                                     |
| Material               | Plastic, Metal                                                             |
| Power Source           | AC (Alternating Current)                                                   |



Image: Technical drawing illustrating the dimensions of the LED panel light (295x295x61mm).

## 9. WARRANTY AND SUPPORT

This product is covered by the standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided with your purchase or contact the retailer. If you require technical assistance, troubleshooting beyond this manual, or have questions about your Briloner Loft LED Panel Light, please contact Briloner customer support or your local dealer.

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**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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