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 - › BRILONER 3227-016 Dimmable LED Ceiling Light with Motion Sensor and Remote Control Instruction Manual

Briloner 3227-016

BRILONER 3227-016 LED Ceiling Light Instruction Manual

Model: 3227-016 | Brand: Briloner

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your BRILONER 3227-016 LED Ceiling Light. This modern round LED ceiling light, constructed from plastic and metal, features a white design with a chrome inner edge. It offers versatile lighting options suitable for various rooms.

Key features include dimmable light, adjustable color temperature (2700K - 5000K), RGB backlight with 16 colors and 4 modes, an integrated motion sensor, and a timer function. The light is controlled via the included remote control and includes a memory function to recall your last settings.



Figure 1: BRILONER 3227-016 LED Ceiling Light with remote control, highlighting white light change (2700K-5000K), dimmable functionality, and integrated sensor.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician in accordance with local wiring regulations.
- Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.
- This product is designed for indoor use only (IP20 rating). Do not expose to moisture or direct water spray.
- Keep packaging materials out of reach of children.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the entire luminaire shall be replaced.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1x BRILONER 3227-016 LED Ceiling Light
- 1x Remote Control
- Mounting Hardware (screws, wall plugs)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

Tools Required: Drill, screwdriver, wire strippers, voltage tester.

1. **Disconnect Power:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Prepare Mounting Surface:** Mark the drilling points on the ceiling using the light fixture's mounting bracket as a template. Drill holes and insert appropriate wall plugs.
3. **Connect Wiring:** Connect the ceiling light's wires to the household electrical wiring. Ensure correct polarity (Live, Neutral, Earth). This product requires three wire connections: Live, Neutral, and Earth.
4. **Mount the Fixture:** Secure the light fixture to the ceiling using the provided screws.
5. **Restore Power:** Once installation is complete and secure, restore power at the circuit breaker.

5. OPERATING INSTRUCTIONS

The BRILONER 3227-016 LED Ceiling Light is controlled using the included remote control. Familiarize yourself with the remote's layout for optimal use.

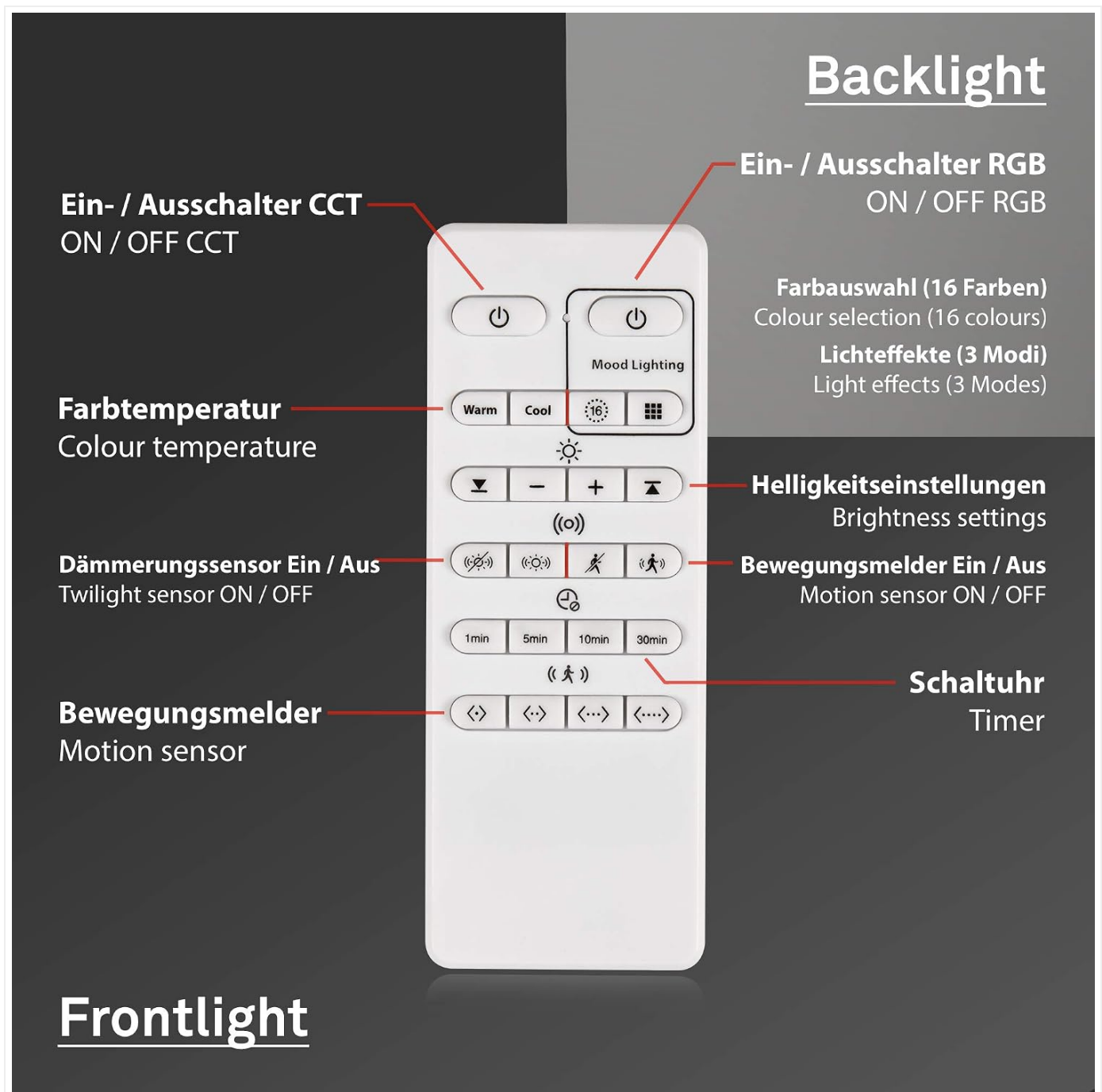


Figure 2: Remote Control Functions. The remote allows control over frontlight (CCT), backlight (RGB), brightness, motion sensor, and timer settings.

5.1. Basic Operation (Frontlight)

- **Power ON/OFF (Frontlight):** Press the **ON/OFF CCT** button (top left power icon) to turn the main light on or off.
- **Adjust Color Temperature:** Use the **Warm** and **Cool** buttons to cycle through color temperatures from 2700K (warm white) to 5000K (neutral white).
- **Adjust Brightness:** Use the **Brightness +/-** buttons to increase or decrease the intensity of the main light.

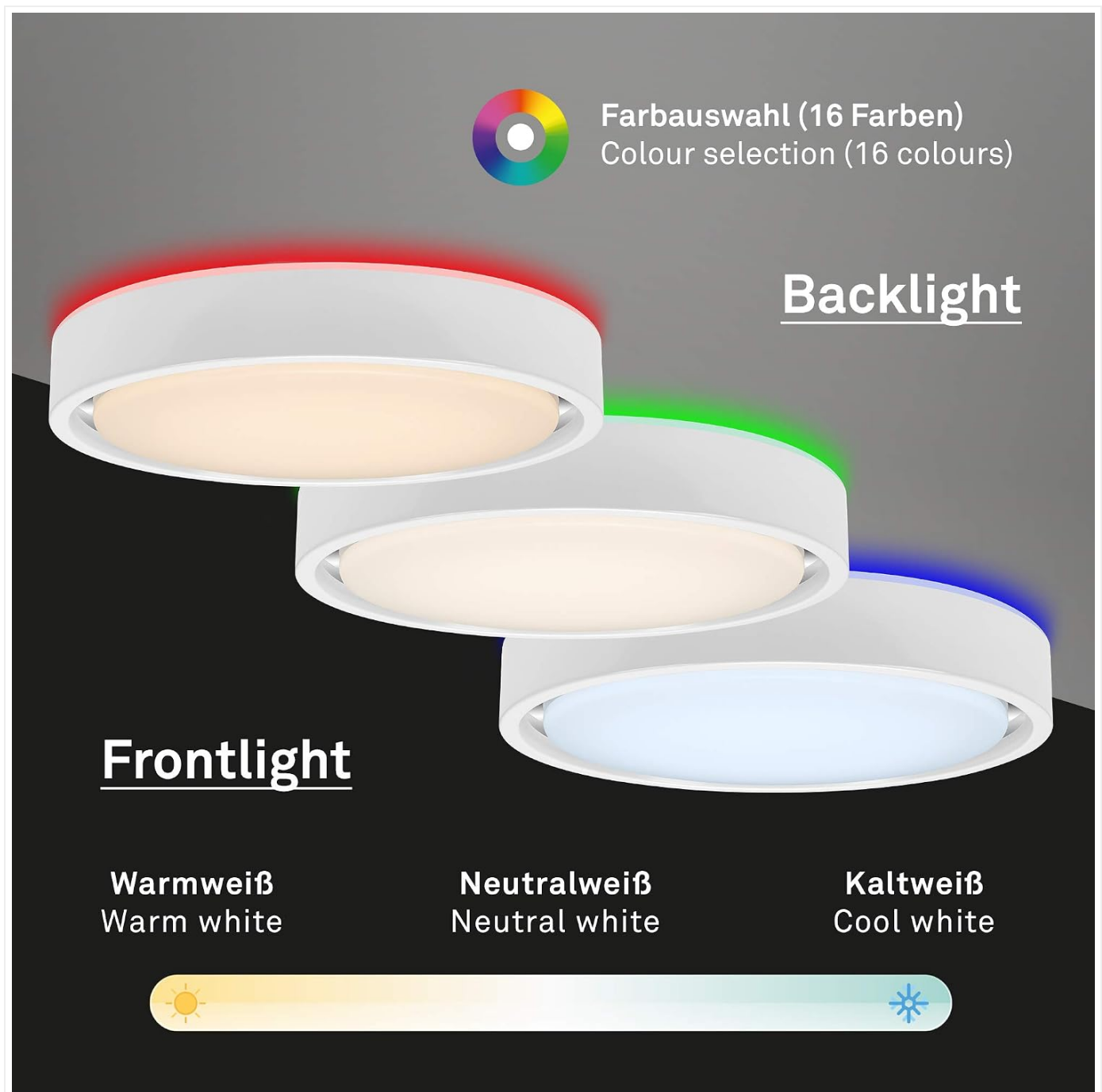


Figure 3: Frontlight Color Temperature Options (Warm White, Neutral White, Cool White) and Backlight Color Selection.

5.2. RGB Backlight Operation

- **Power ON/OFF (Backlight):** Press the **ON/OFF RGB** button (top right power icon) to turn the RGB backlight on or off.
- **Color Selection:** Use the **Colour selection (16 colours)** button to choose from 16 different backlight colors.
- **Light Effects:** Press the **Light effects (3 Modes)** button to cycle through different dynamic RGB backlight modes.
- **Separate/Combined Control:** The backlight and frontlight can be switched separately. The backlight can also be switched to the frontlight mode.



Figure 4: Separate control of backlight and frontlight. The backlight can be used independently or combined with the main light.

5.3. Motion Sensor and Timer Functions

- **Motion Sensor ON/OFF:** Press the **Motion sensor ON / OFF** button to activate or deactivate the integrated motion sensor.
- **Motion Sensor Range:** The detection range of the motion sensor can be adjusted from 2 meters to 8 meters using the dedicated buttons.
- **Twilight Sensor ON/OFF:** Use the **Twilight sensor ON / OFF** button to enable or disable the twilight sensor, which controls light activation based on ambient light levels.
- **Timer Function:** Select desired operating time using the **Timer** buttons: 1 minute, 5 minutes, 10 minutes, or 30 minutes. The light will turn off automatically after the set duration.



Figure 5: Motion Sensor and Timer Features. The light detects movement and can be set to turn off after a specified time.

5.4. Memory Function

The light features a memory function. The last selected settings for brightness, color temperature, and RGB backlight will be recalled when the light is turned on again, provided it was turned off via the remote control.

6. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Light Source:** The integrated LED light source is not user-replaceable. If the LED fails, the entire fixture must be replaced.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; remote control battery depleted.	Check circuit breaker. Verify wiring connections. Replace remote control battery.
Light turns on automatically after power outage.	This is a known behavior for some lighting systems without a specific memory for power loss.	Ensure the light is not connected to a switch that is frequently turned off, or use the remote to turn it off.
Motion sensor not working or too sensitive.	Sensor deactivated; incorrect range setting; ambient light interference.	Activate sensor via remote. Adjust sensor range (2m-8m). Check twilight sensor setting.
Settings are not saved after turning off with a wall switch.	The memory function primarily works when the light is turned off via the remote control.	Always use the remote control to turn the light off to retain settings. Keep the wall switch in the ON position.

8. SPECIFICATIONS

Feature	Detail
Model Number	3227-016
Brand	Briloner
Dimensions (Diameter x Height)	360 x 75 mm (36 x 36 x 7.5 cm)
Weight	1.94 kg
Material	Plastic
Power Consumption	24W (Main LED) + 6W (RGB LED)
Luminous Flux	1600 lumens
Color Temperature	2700K - 5000K (adjustable)
RGB Backlight	16 colors, 4 modes
Average Lifespan	Approx. 25,000 hours
Voltage	24 Volts (AC)
IP Rating	IP20 (Indoor use only)
Special Features	Dimmable, Color Temperature Control, RGB Backlight, Motion Sensor, Timer, Remote Control, Memory Function
Energy Efficiency Class	G



Figure 6: Product Dimensions (Diameter 360mm, Height 75mm).

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the manufacturer's official website or contact your retailer. Keep your proof of purchase for warranty claims.

Manufacturer: Briloner Leuchten

Website: www.briloner.com

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