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› Briloner 7551016 Angular LED Ceiling Light User Manual

Briloner 7551016

Briloner 7551016 Angular LED Ceiling Light

User Manual

Model: 7551016

1. INTRODUCTION

Thank you for choosing the Briloner 7551016 Angular LED Ceiling Light. This ultra-efficient LED ceiling light is designed to provide optimal illumination with maximum energy efficiency. Featuring a 21W LED plate, it delivers 4800 lumens at a neutral white color temperature of 4000K, certified Class A for energy saving. Its ultra-slim, angular design and indirect backlight effect make it a stylish and functional lighting solution for various indoor spaces.

This manual provides essential information for the safe installation, operation, and maintenance of your new LED ceiling light. Please read it thoroughly before installation and keep it for future reference.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the main power supply is disconnected before installation, maintenance, or cleaning.
- **Voltage:** This product operates on 230 Volts (AC). Verify your electrical supply matches this requirement.
- **Mounting:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- **Handling:** Handle the light fixture with care to avoid damage to the LED components or housing.
- **Environment:** This product is designed for indoor use only. Do not expose it to moisture or extreme temperatures. It is not water resistant.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all components are present and undamaged. If any parts are missing or damaged, do not proceed with installation and contact your retailer.

- Briloner 7551016 Angular LED Ceiling Light (1 unit)
- Mounting Hardware (screws, wall plugs)

- User Manual (this document)

4. SETUP AND INSTALLATION

The Briloner 7551016 LED Ceiling Light is designed for ceiling mount installation and does not require assembly of the fixture itself. Please follow these steps carefully:

1. **Prepare the Installation Area:** Turn off the main power supply at the circuit breaker before beginning any electrical work. Ensure the area is clear and you have adequate lighting.
2. **Mark Mounting Points:** Hold the light fixture against the ceiling in the desired position. Use a pencil to mark the locations for the mounting screws. The fixture dimensions are 98L x 20W x 3H Centimetres.
3. **Drill Holes:** Drill pilot holes at the marked locations. Insert the appropriate wall plugs (provided) into the drilled holes.
4. **Connect Wiring:** Carefully connect the household electrical wires to the corresponding wires on the light fixture. Ensure proper polarity (Live to Live, Neutral to Neutral, Ground to Ground). Use appropriate wire connectors and ensure all connections are secure.
5. **Mount the Fixture:** Align the fixture with the drilled holes and secure it to the ceiling using the provided mounting screws. Do not overtighten.
6. **Restore Power:** Once the fixture is securely mounted and all electrical connections are verified, restore power at the circuit breaker.

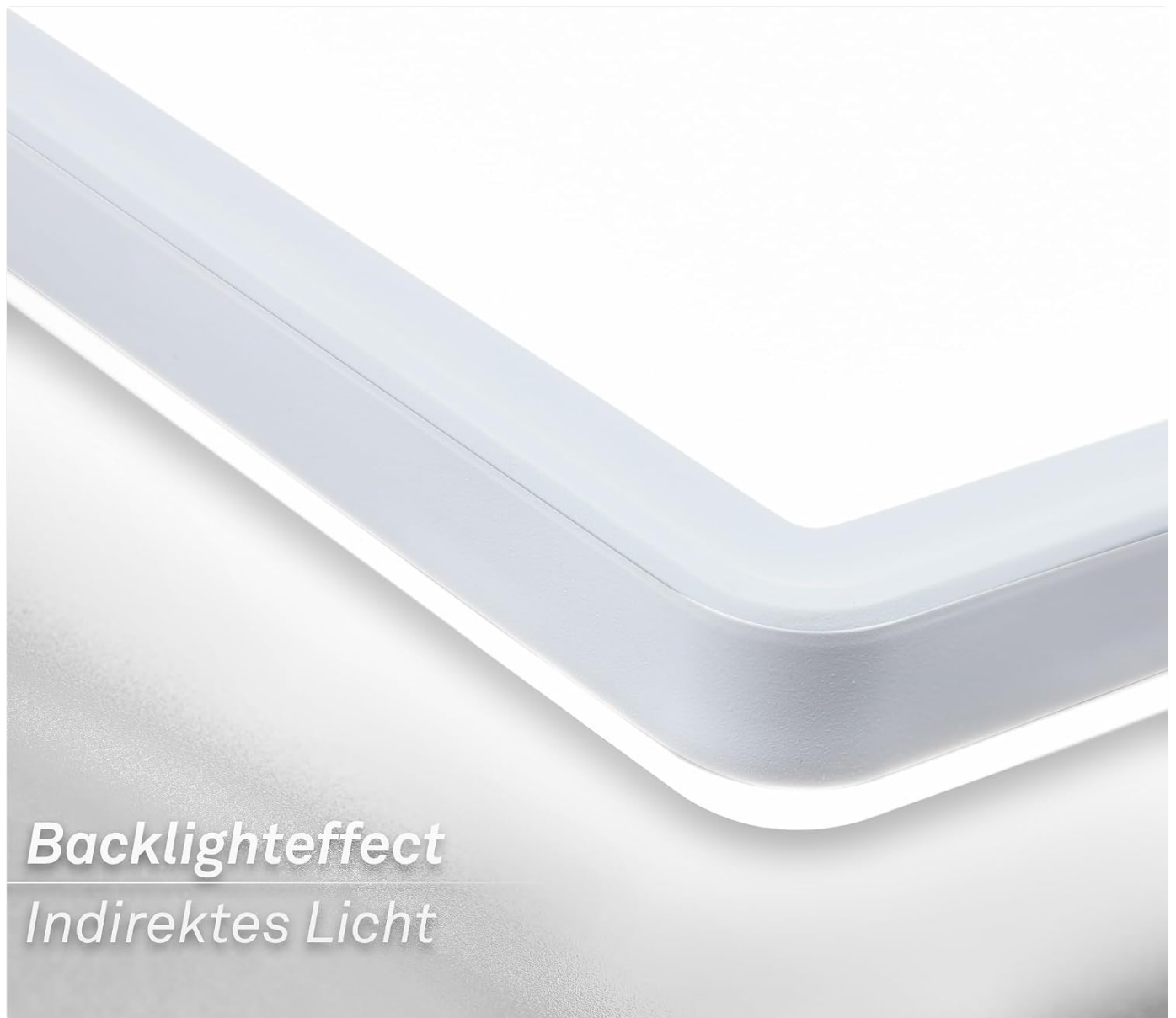


Figure 1: Technical drawing showing the dimensions of the Briloner LED Ceiling Light: 980mm length, 200mm width, 30mm height.



Figure 2: The Briloner 7551016 Angular LED Ceiling Light, ready for installation.

5. OPERATING INSTRUCTIONS

The Briloner 7551016 LED Ceiling Light is designed for simple operation via a standard wall switch (touch control method). Once installed and power is restored:

- **Turning On/Off:** Use the connected wall switch to turn the light fixture on or off.
- **Indirect Backlight Effect:** The fixture features an indirect backlight effect that creates soft, atmospheric lighting in addition to the main illumination. This effect is integrated into the light's operation.



Figure 3: Features of the Briloner LED Ceiling Light: 4000K neutral white light, ultra-flat design, and indirect backlight effect.



LEBENSDAUER***
50.000 Stunden



MAX.EFFIZIENZ
210 Lumen / Watt



KOSTENERSPARNIS
durch minimierten Verbrauch

Figure 4: Detail view of the indirect backlight effect, creating soft ambient lighting.

6. MAINTENANCE

The Briloner LED Ceiling Light is designed for long-term, maintenance-free operation with a lifespan of 50,000 hours. Regular cleaning will help maintain its appearance and light output.

- **Cleaning:** Ensure the power supply to the fixture is turned off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light. Do not use harsh chemicals, abrasive cleaners, or sprays directly on the fixture.
- **LED Longevity:** The integrated LED components are not user-replaceable. The long lifespan of 50,000 hours ensures years of reliable lighting under normal operating conditions.

7. TROUBLESHOOTING

If you experience issues with your Briloner LED Ceiling Light, please refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**
 - Check if the main power supply to the fixture is on at the circuit breaker.
 - Ensure the wall switch is in the 'ON' position.
 - Verify all electrical connections are secure and correctly wired (refer to Section 4: Setup and Installation).
- **Light Flickers:**
 - Ensure all electrical connections are tight and free from loose wiring.
 - Check for any incompatible dimmer switches if one is installed (this fixture is designed for touch control, not dimming unless specified).
- **Insufficient Brightness:**
 - Confirm the fixture is receiving the correct voltage (230V AC).
 - Ensure the light surface is clean and free from dust or obstructions.

If these steps do not resolve the issue, please contact customer support or a qualified electrician.

8. SPECIFICATIONS

Feature	Specification
Model Number	7551016
Brand	Briloner
Style	Angular
Colour	White
Material	Polycarbonate, Plastic
Product Dimensions (L x W x H)	98L x 20W x 3H Centimetres
Light Source	Integrated LED
Wattage	21 Watts
Brightness	4850 Lumens
Colour Temperature	4000 Kelvin (Neutral White)
Energy Efficiency Class	A
Lifespan	50,000 hours
Voltage	230 Volts (AC)
Control Method	Touch (via wall switch)
Indoor/Outdoor Usage	Indoor
Mounting Type	Ceiling Mount
Assembly Required	No (fixture is pre-assembled)



UP TO **50%**
LESS ENERGY*

*≈ 37% compared to other products of BRILONER with the same specifications.

Artikel	Lumen total	Watt	Kelvin	Lumen/Watt
7551016	4800	22,5	4.000	213
7519416	4800	36	4.000	133

Figure 5: Information on the ultra-efficient lighting: 50,000 hours lifespan, 210 lumens/watt maximum efficiency, and cost savings through minimized consumption.



Figure 6: Comparison showing up to 50% less energy consumption compared to other Briloner products with similar specifications.

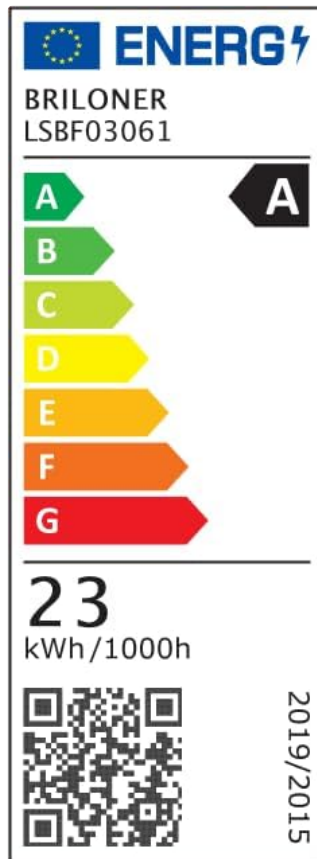


Figure 7: EU Energy Label for the Briloner LED Ceiling Light, showing Energy Class A and 23 kWh/1000h consumption. For more details, scan the QR code or visit the EPREL database: <https://eprel.ec.europa.eu/qr/2522578>

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact your retailer or the manufacturer directly. Please have your model number (7551016) and proof of purchase available when contacting support.

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