

Briloner 7402-416

Briloner LED Ceiling Lamp Model 7402-416 Instruction Manual

Model: 7402-416

1. INTRODUCTION

Thank you for choosing the Briloner LED Ceiling Lamp Model 7402-416. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before installation and retain them for future reference.



The Briloner LED Ceiling Lamp Model 7402-416, a rectangular, ultra-flat white ceiling light fixture.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please observe the following safety precautions:

- **Electrical Safety:** Installation must be performed by a qualified electrician or a person with appropriate electrical knowledge. Always disconnect the main power supply before installation, maintenance, or repair work.
- **Voltage:** Ensure the voltage supply matches the lamp's requirements (230 Volts).
- **Mounting:** Mount the lamp securely to a stable ceiling surface. Ensure the mounting screws are appropriate for the ceiling material.
- **Environment:** This lamp is rated IP20, meaning it is protected against solid objects over 12.5mm but has no protection against water. Do not install in damp or wet environments.
- **Heat:** Do not cover the lamp with insulating material. Ensure adequate air circulation around the fixture.
- **Cleaning:** Only clean with a dry or slightly damp cloth. Do not use abrasive cleaners or solvents.

3. PACKAGE CONTENTS

Please check that all components are present and undamaged before beginning installation:

- Briloner LED Ceiling Lamp (Model 7402-416)
- Mounting bracket
- Screws and wall plugs for installation
- Safety cable
- Instruction Manual

4. SETUP AND INSTALLATION

Installation requires basic electrical knowledge. If you are unsure, consult a qualified electrician.

1. **Disconnect Power:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Mark Drilling Points:** Position the mounting bracket on the ceiling at the desired location and mark the drilling points.
3. **Drill Holes and Secure Bracket:** Drill holes at the marked points and insert the provided wall plugs. Secure the mounting bracket to the ceiling using the screws.
4. **Attach Safety Cable:** Connect the safety cable from the lamp to the mounting bracket or a designated safety point on the ceiling. This prevents the lamp from falling during wiring.
5. **Connect Electrical Wires:** Connect the electrical wires from the ceiling to the terminal block on the lamp. Ensure correct polarity (Live, Neutral, Earth).
6. **Mount the Lamp:** Carefully align the lamp with the mounting bracket and secure it in place. Ensure all connections are firm and the lamp is stable.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



A four-panel diagram illustrating the installation process: 1. Drilling and securing the mounting plate. 2. Attaching the safety cable. 3. Connecting the power cables. 4. Mounting the light fixture.

5. OPERATING INSTRUCTIONS

The Briloner LED Ceiling Lamp is designed for straightforward operation.

- **Power On/Off:** The lamp is operated via a standard wall switch connected to your electrical circuit.
- **Light Characteristics:** The lamp provides a neutral white light at 4000 Kelvin, suitable for various living spaces. It also features an integrated back light effect for enhanced ambiance.



This image highlights key features of the Briloner LED Ceiling Lamp, including its neutral white light at 4000 Kelvin, ultra-flat design with a depth of 30mm, and an integrated back light effect.

6. MAINTENANCE

The Briloner LED Ceiling Lamp requires minimal maintenance.

- **Cleaning:** Disconnect power before cleaning. Wipe the lamp surface with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or electrical components.
- **LEDs:** The integrated LED light source is not replaceable by the user. Do not attempt to open the fixture to replace LEDs.

7. TROUBLESHOOTING

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

- **Lamp does not light up:**
 - Check if the main power supply is on.
 - Verify that the wall switch is in the 'ON' position.

- Ensure all electrical connections are secure and correctly wired. If unsure, consult a qualified electrician.

- **Light flickers:**

- Check for loose wiring connections.
- Ensure the voltage supply is stable and within the specified range.

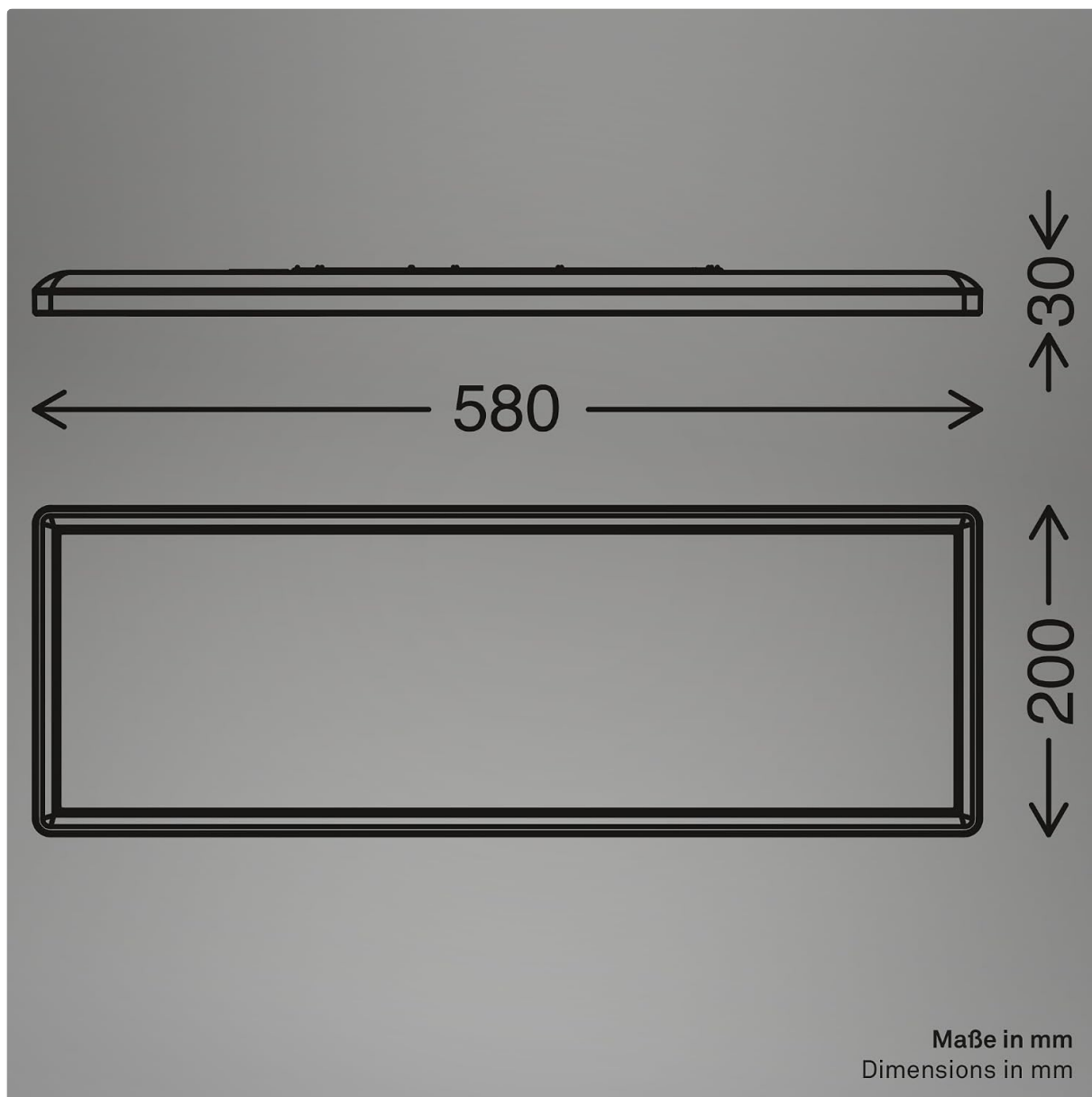
- **Unusual noise or smell:**

- Immediately disconnect power. Do not attempt to operate the lamp. Contact customer support.

If these steps do not resolve the issue, please contact Briloner customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Briloner
Model Number	7402-416
Number of Light Sources	1
Voltage	230 Volts
Wattage	22 watts
Item Weight	0.96 Kilograms (2.11 pounds)
Product Dimensions (L x W x H)	58 x 20 x 3 cm (22.83 x 7.87 x 1.18 inches)
Area Lighting Classification	IP20
Assembly Required	Yes



A technical drawing showing the dimensions of the Briloner LED Ceiling Lamp: 580mm length, 200mm width, and 30mm height.

9. WARRANTY AND SUPPORT

Briloner products are manufactured with quality and durability in mind. For warranty information, please refer to the documentation provided with your purchase or visit the official Briloner website.

For technical support, spare parts, or any questions regarding your Briloner LED Ceiling Lamp, please contact Briloner customer service through their official channels.