B.K.Licht BKL1178

B.K.Licht LED Bathroom Ceiling Light BKL1178 Instruction Manual

Model: BKL1178

1. INTRODUCTION

1.1 Product Overview

The B.K.Licht LED Bathroom Ceiling Light, model BKL1178, is designed to provide efficient and reliable illumination for various indoor spaces, particularly bathrooms and damp environments. This fixture features an integrated 12W LED module, delivering a neutral white light at 4000 Kelvin with a luminous intensity of 1200 Lumens. Its IP44 protection rating ensures resistance against water splashes, making it suitable for areas exposed to moisture. The energy-efficient LED technology offers an approximate lifespan of 20,000 hours.

Image 1.1: B.K.Licht LED Ceiling Light BKL1178 installed on a ceiling, emitting a bright, neutral white light.

1.2 Safety Instructions

- **Electrical Safety:** Installation must be performed by a qualified electrician or competent person in accordance with local electrical codes and regulations. Always disconnect power at the main circuit breaker before installation, maintenance, or cleaning.

- **Voltage:** Ensure the supply voltage matches the fixture's requirement (230V).

- **IP44 Rating:** This fixture is rated IP44, providing protection against solid objects larger than 1mm and splashes of water from any direction. It is suitable for use in bathrooms (Zone 2 and outside zones) and other damp indoor locations. Do not immerse in water.

- **Handling:** Handle the product with care to avoid damage. Do not modify the fixture.

- **Heat:** The LED module may become warm during operation. Do not touch the light source directly when in use.

2. PACKAGE CONTENTS

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

- 1 x B.K.Licht LED Ceiling Light Fixture (with integrated 12W LED module)

- Mounting hardware (screws, wall plugs)
- Instruction Manual

3. SETUP AND INSTALLATION

This ceiling light is designed for easy installation using a bayonet fixing mechanism and can be mounted on both ceilings and walls.

3.1 Pre-Installation Checks

- Ensure the power supply is disconnected at the main circuit breaker.
- Verify that the mounting surface is suitable and can support the weight of the fixture (approx. 360g).
- Confirm that the installation location complies with local electrical and safety regulations, especially for bathroom zones.

3.2 Mounting the Fixture

1. Carefully remove the diffuser cover from the main body of the light fixture by twisting or unlatching it.
2. Hold the base of the fixture against the desired mounting surface (ceiling or wall) and mark the positions for the mounting holes.
3. Drill holes at the marked positions. Insert appropriate wall plugs if necessary.
4. Secure the fixture base to the surface using the provided screws. Ensure it is firmly attached.

Image 3.1: Dimensions of the B.K.Licht LED Ceiling Light (290mm diameter, 70mm height).

3.3 Electrical Connection

1. Connect the electrical wires from the mains supply to the terminal block inside the fixture. Ensure correct polarity: Live (L), Neutral (N), and Earth (E) if applicable.

2. Double-check all connections for security and proper insulation.

Image 3.2: Close-up view of the integrated LED module and internal wiring area.

3.4 Final Assembly

1. Once wiring is complete and secure, reattach the diffuser cover to the fixture body, ensuring it is properly sealed and locked into place.
2. Restore power at the main circuit breaker.
3. Test the light fixture to ensure it functions correctly.

4. OPERATING INSTRUCTIONS

The B.K.Licht LED Ceiling Light is operated via a standard wall switch connected to its electrical supply.

- **Turning On/Off:** Use the connected wall switch to turn the light on or off.
- **Non-Dimmable:** This fixture is **not dimmable**. Do not connect it to a dimmer switch, as this may damage the integrated LED module and void the warranty.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your LED ceiling light.

- **Cleaning:** Before cleaning, ensure the power supply is disconnected. Use a soft, dry, or slightly damp cloth to wipe the exterior surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **No User-Serviceable Parts:** The integrated LED module is designed for a long lifespan and is not user-replaceable. Do not attempt to open or repair the LED module.

6. TROUBLESHOOTING

If you encounter issues with your B.K.Licht LED Ceiling Light, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty wall switch.	Check the circuit breaker and ensure power is restored. Verify all electrical connections are secure (with power off). Test the wall switch with another appliance or replace it.
Light flickers.	Incompatible dimmer switch. Loose wiring. Voltage fluctuations.	Ensure the light is not connected to a dimmer switch, as it is non-dimmable. Check wiring connections (with power off). Consult an electrician if voltage issues are suspected.
Light is too dim.	Dust or dirt on diffuser. Incorrect expectation of brightness.	Clean the diffuser cover. Verify the light's specifications (1200 Lumens) meet your requirements.

If the problem persists after attempting these solutions, please contact customer support or a qualified electrician.

7. SPECIFICATIONS

Detailed technical specifications for the B.K.Licht LED Bathroom Ceiling Light BKL1178:

Feature	Specification
Brand	B.K.Licht
Model Number	BKL1178
Product Dimensions (L x W x H)	29 x 29 x 7 cm
Item Weight	360 g
Material	Plastic
Color	White
Style	Classic
Shape	Round
IP Rating	IP44 (Splash-proof)

Feature	Specification
Voltage	230 Volts
Bulb Type	Integrated LED Module
Power Consumption	12 Watts
Luminous Flux	1200 Lumens
Color Temperature	4000 Kelvin (Neutral White)
Dimmable	No
Average Lifespan	20,000 Hours
Installation Type	Ceiling Mount (also Wall Mountable)
Specific Uses	Indoor use only (Bathroom, Damp Rooms)
Energy Efficiency Class	F
Energy Consumption	12 kWh/1000h

Image 7.1: Key Features: LED, 4000 Kelvin, IP44.

ENERG⚡

B.K.Licht

LSB-BKL1178

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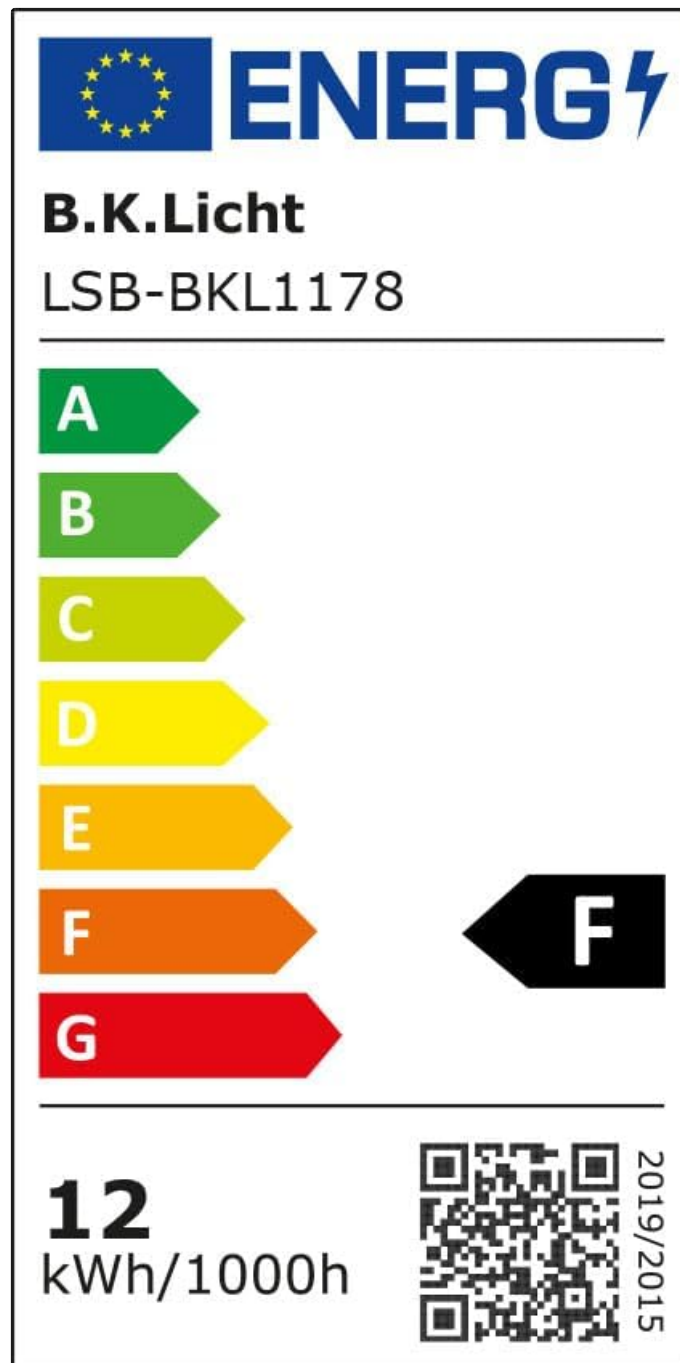
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12 kWh/1000h

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Image 7.2: EU Energy Label for BKL1178. For more details, scan the QR code or visit eprel.ec.europa.eu/qr/1462090.

8. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contact details for the B.K.Licht LED Bathroom Ceiling Light BKL1178 is not provided in the available product data. Please refer to your purchase documentation or the retailer's website for warranty information and support contacts.