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BLNAN LS-CL-G18W-Dim

BLNAN LED Flush Mount Ceiling Light LS-CL-G18W-Dim User Manual

Model: LS-CL-G18W-Dim

1. INTRODUCTION

Thank you for choosing the BLNAN LED Flush Mount Ceiling Light. This ultra-thin, 9-inch, 18W fixture is designed for various indoor spaces, offering three selectable color temperatures (3000K, 4000K, 5000K) to suit your preferences. This manual provides essential information for safe installation, proper operation, and effective maintenance of your new lighting product.



Image: The BLNAN LED Flush Mount Ceiling Light illustrating its three selectable color temperatures: 3000K (Warm White), 4000K (Neutral White), and 5000K (Cold White).

2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Turn off power:** Always disconnect power at the circuit breaker or fuse box before installing, servicing, or cleaning the fixture.
- **Qualified Electrician:** If you are unsure about the installation process, consult a qualified electrician.
- **Grounding:** Ensure the fixture is properly grounded to avoid potential electric shock.
- **Voltage:** This fixture is designed for 120 Volts. Do not exceed the specified voltage.
- **Indoor Use Only:** This product is intended for indoor use in dry locations.
- **Non-Dimmable:** This fixture is non-dimmable. Do not connect to a dimmer switch.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- BLNAN LED Flush Mount Ceiling Light Fixture (2 units)
- Mounting Bracket
- Screws
- Expansion Tubes
- Wire Nuts
- Instruction Manual

IP40 Dustproof



Image: The BLNAN LED Flush Mount Ceiling Light fixture and its included mounting hardware, such as screws and wire nuts.

4. SPECIFICATIONS

Attribute	Specification
Model Number	LS-CL-G18W-Dim
Dimensions (L x W x H)	8.66" x 8.66" x 0.98"
Wattage	18W
Brightness	1800 Lumens
Color Temperatures	3000K (Warm White), 4000K (Neutral White), 5000K (Cold White)
Color Rendering Index (CRI)	90
Voltage	120 Volts
Material	Plastic

Installation Type	Flush Mount
Average Life	30,000 Hours
Water Resistance Level	Water Resistant (IP40 Dustproof)

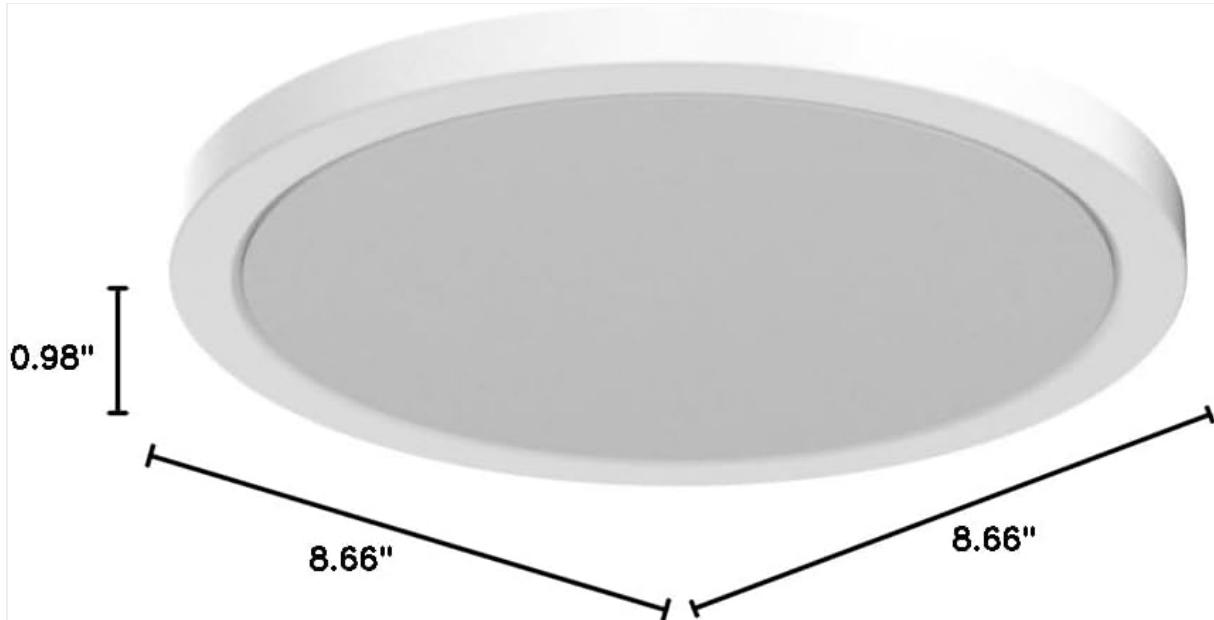


Image: Detailed dimensions of the BLNAN LED Flush Mount Ceiling Light, highlighting its ultra-thin profile.

5. SETUP AND INSTALLATION

Follow these steps for safe and proper installation:

- Turn Off Power:** Before starting, ensure the power supply to the junction box is turned off at the circuit breaker.
- Remove Plastic Bracket:** Rotate and remove the plastic mounting bracket from the light fixture.
- Attach Mounting Bracket:** Secure the mounting bracket to your existing junction box using the provided screws. The bracket is compatible with junction boxes having screw holes 2.75" to 3.7" apart.
- Select Color Temperature:** Before wiring, locate the toggle switch on the back of the light fixture. Select your desired color temperature (3000K, 4000K, or 5000K). This setting cannot be changed after installation without removing the fixture.
- Wire Connections:** Use the integrated hanging rope to temporarily suspend the fixture from the mounting bracket. Connect the electrical wires:
 - Connect the **black** wire from the fixture to the **black** (live) wire from the junction box.
 - Connect the **white** wire from the fixture to the **white** (neutral) wire from the junction box.
 - Connect the **green/ground** wire from the fixture to the **ground** wire from the junction box.
 Secure connections with the provided wire nuts.
- Mount Fixture:** Carefully push the wired fixture up towards the mounting bracket and rotate it clockwise until it clicks securely into place.
- Restore Power:** Turn the power back on at the circuit breaker.



Image: Visual guide demonstrating the installation process, including detaching the bracket, wiring, and securing the fixture.



Image: Illustration showing the mounting bracket's compatibility with standard junction box sizes (2.75" to 3.7" screw hole spacing).

6. OPERATING INSTRUCTIONS

The BLNAN LED Flush Mount Ceiling Light is designed for straightforward operation.

- **Power On/Off:** Control the light using a standard wall switch connected to the fixture's power supply.
- **Color Temperature Selection:** The desired color temperature (3000K, 4000K, or 5000K) must be selected using the toggle switch located on the back of the fixture **before** installation. Once installed, the color temperature is fixed until the fixture is removed and the switch is adjusted.

- **Non-Dimmable:** This light fixture is **not compatible** with dimmer switches. Connecting it to a dimmer switch may cause malfunction or damage.

1 Light, 3 Color Temperatures



How to set the light color?



Image: Close-up view of the toggle switch on the light fixture, used to select between Cold White (5000K), Neutral White (4000K), and Warm White (3000K) color temperatures.

7. MAINTENANCE

To ensure the longevity and optimal performance of your BLNAN LED Flush Mount Ceiling Light, follow these simple maintenance guidelines:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the fixture 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.
- **Dustproof Design:** The fixture features an IP40 dustproof rating, which helps prevent dust and insects from entering the light, reducing the need for frequent internal cleaning.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to disassemble the fixture.



Image: Diagram illustrating the IP40 dustproof feature, highlighting the effective sealing that prevents dust and insects from accumulating inside the fixture.

8. TROUBLESHOOTING

If you encounter issues with your BLNAN LED Flush Mount Ceiling Light, refer to the following common problems and solutions:

- **Light does not turn on:**

- Check if the power supply at the circuit breaker is on.
- Ensure all wire connections are secure and correctly made (live to live, neutral to neutral, ground to ground).
- Verify that the wall switch is in the ON position.

- **Light flickers or dims unexpectedly:**

- Confirm that the fixture is not connected to a dimmer switch. This fixture is non-dimmable.
- Check for loose wiring connections.

- **Incorrect color temperature:**

- The color temperature is set via a toggle switch on the back of the fixture. If you wish to change it, you must turn off power, remove the fixture, adjust the switch, and then reinstall.

9. WARRANTY AND SUPPORT

BLNAN products are manufactured to high-quality standards. For specific warranty details, please refer to the product packaging or contact your retailer. If you have any questions, require technical assistance, or need to report a defect, please contact BLNAN customer support through the retailer's platform or the official BLNAN website.

