BLNAN LD-002

BLNAN LED Flush Mount Ceiling Light Fixture User Manual

Model: LD-002 | Brand: BLNAN

1. INTRODUCTION

Thank you for purchasing the BLNAN LED Flush Mount Ceiling Light Fixture. This manual provides important information regarding the installation, operation, and maintenance of your new lighting fixture. Please read it thoroughly before installation and keep it for future reference.

2. IMPORTANT SAFETY INFORMATION

- Confirm the goods have no damage during transportation before using.

- This product is limited to indoor use, and it is forbidden to be used in harsh environments, such as inflammable, explosive, high temperature, high humidity, low temperature, corrosive, etc.

- Follow the required input voltage and frequency. Installation or maintenance must be proceeded by a professional person. Please make sure the power is off before operation.

- Keep children away from the work area. Avoid children eating small parts or touching live equipment.

- Apply for a variety of places lighting, such as bedroom, living room, kitchen, closet.

- LED flush mount ceiling light is NOT Battery Operated, NOT suitable for Dimmer Switch.

- The remote control should be aimed at the ceiling light when using, and the remote control distance is within 5 meters.

3. PRODUCT FEATURES

- **Adjustable Color Temperature (3000K-6500K):** Easily switch between warm white, neutral white, and cool white light settings using the remote control.

- **Dimmable Brightness (10%-100%):** Adjust the light intensity to suit your needs, from a soft glow to full brightness.

- **High Color Rendering Index (CRI 90+):** Provides light that closely reflects the true and original colors of objects.

- **Energy Efficient:** Equipped with 144 SMD2835 lamp beads, offering 2400 lumens of brightness with lower power consumption, equivalent to a 240W incandescent lamp.

- **Long Lifespan:** Designed for over 30,000 hours of operation.

- **Slim and Modern Design:** With a thickness of only 0.99 inches, this round fixture is suitable for low ceilings and various room decorations.
- **Easy Installation:** Features a unique hanging cord for convenient wiring and compatibility with most junction boxes.
- **Safety Features:** Built-in anti-leakage settings and a high-quality fire-resistant plastic cover shell.
- **Memory Function:** The light remembers the last color temperature and brightness setting after 1 minute.

4. WHAT'S IN THE BOX

- BLNAN LED Flush Mount Ceiling Light Fixture (Model LD-002)
- Remote Control (AAA batteries not included)
- Mounting Bracket
- Screws and Expansion Tubes
- Wire Nuts
- LED Lens

5. SETUP AND INSTALLATION

Installation of the BLNAN LED Flush Mount Ceiling Light is designed to be straightforward. Always ensure power is turned off at the circuit breaker before beginning any electrical work.

Installation Steps:

1. **Prepare the Fixture:** Rotate and remove the plastic mounting bracket from the light fixture.
2. **Attach Mounting Bracket:** Secure the mounting bracket to your junction box using the provided screws. Ensure it is firmly attached.
3. **Fix Bracket to Ceiling:** If necessary, use additional screws and expansion tubes to fix the mounting bracket securely onto the ceiling.
4. **Connect Wiring:** Utilize the unique hanging cord to temporarily suspend the light fixture, allowing both hands free for electrical connections. Connect the wires (live, neutral, ground) using the provided wire nuts. Ensure all connections are secure.
5. **Mount the Fixture:** Once wiring is complete, rotate the lamp body towards the lamp bracket until it clicks securely into place.

Ultra Thin Ceiling Light

Suitable for low profile and flush mount.

0.99 inches/
2.5 cm

15.35 inches/
39 cm

**36W
3600 LM**

**Energy
Saving**

**Memory
Function**

**Fireproof
Plastic**

**Sealed
Lamp**

Figure 1: Easy Installation Steps. The image displays a five-step visual guide for installing the ceiling light, from detaching the bracket to securing the main light unit.

Figure 2: Mounting Bracket Details. This image illustrates the dimensions of the mounting bracket (5.4 inches outer diameter, 2.75 inches inner diameter) and shows its compatibility with different types of junction boxes.

Installation Video:

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Video 1: BLNAN 12 Inch Dimmable LED Ceiling Light with Remote Control for Bedroom Kitchen. This video demonstrates the installation process of a similar BLNAN LED ceiling light, highlighting its ease of setup.

6. OPERATING INSTRUCTIONS

Your BLNAN LED Flush Mount Ceiling Light can be operated using the included remote control or a standard wall switch.

Remote Control Operation:

The remote control allows for full customization of your lighting experience. Ensure the remote is aimed directly at the ceiling light within a 5-meter range.

Figure 3: Remote Control Layout. This image displays the remote control with buttons for power, 30-second off delay, brightness adjustment (up/down, 50%), color temperature adjustment (K-/K+, warm white, natural white, cold white), night light mode, and a color temperature cycle button.

- **ON/OFF:** Power button to turn the light on or off.

- **30S Off Delay:** Turns off the light after 30 seconds.

- **Brightness Adjustment:**

    - Steplessly up to 100% brightness.

    - Steplessly down to 10% brightness.

    - 50% button for quick adjustment to half brightness.

- **Color Temperature Adjustment:**

    - K- / K+ buttons to steplessly adjust color temperature between 3000K (warm white) and 6500K (cold white).

    - Dedicated buttons for Warm White (3000K), Natural White (4000K), and Cold White (6500K).

    - Different Color Temperature Cycle button to cycle through preset color temperatures.

- **Night Light Mode:** Activates a low-brightness, warm light setting suitable for nighttime.
- **Memory Function:** The current color temperature and brightness settings will be saved after 1 minute of use. The next time you turn on the light, it will resume the last saved setting.

Wall Switch Control:

The color temperature can be changed by continuously turning the wall switch ON and OFF within 5 seconds. This will cycle through 4000K, 3000K, 6500K, and Night Light mode. Note that brightness can only be adjusted via the remote control, not the wall switch.

Figure 4: Color Temperature and Brightness Adjustment. This image illustrates the range of color temperatures (3000K Warm White, 4000K Neutral White, 6500K Cold White) and smooth dimming from 10% to 100% achievable with the remote control.

Easy Installation

Compatible with the most junction boxes.
2.75-5.4inches / 7-13.7cm
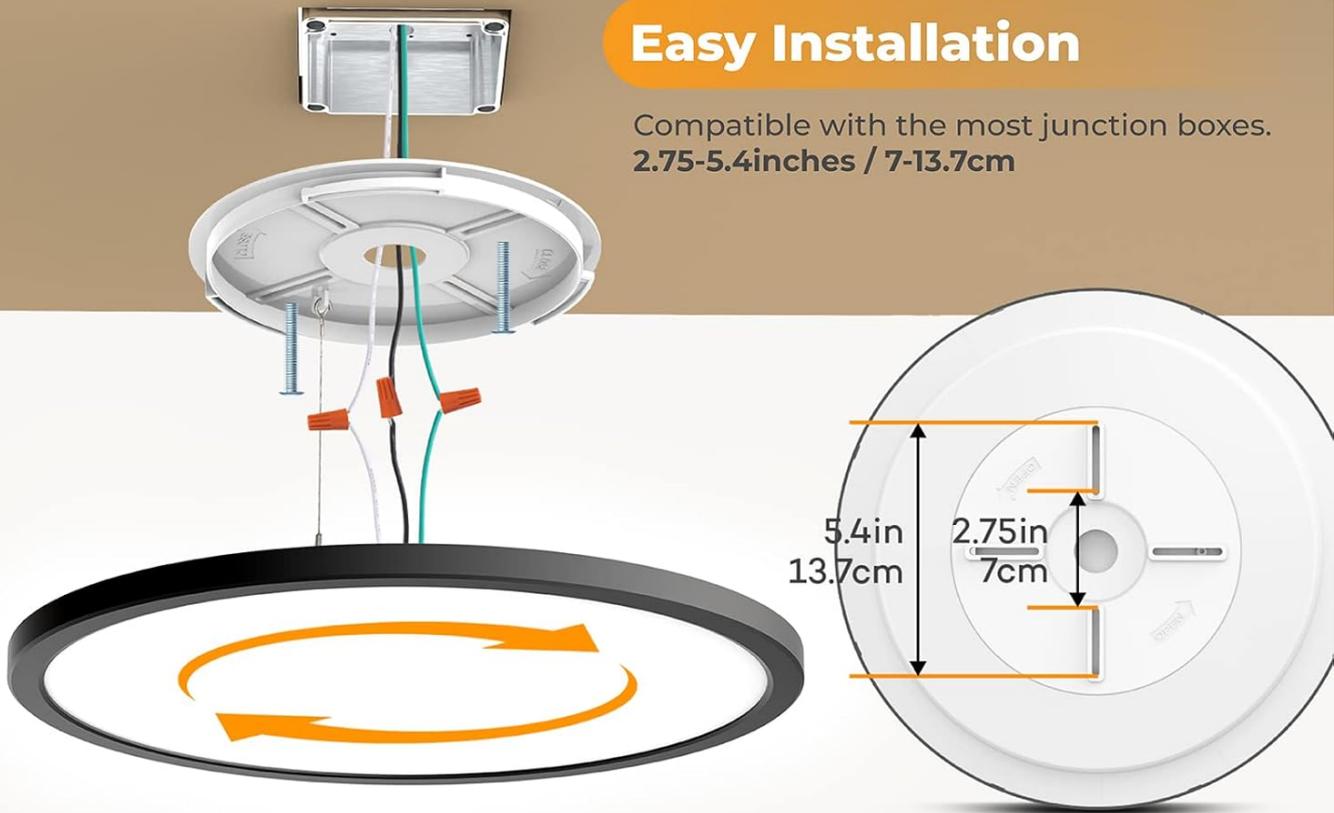
5.4in
13.7cm

2.75in
7cm

Figure 5: Night Light & Timing Features. This image illustrates the night light mode and the 30-second off delay function, designed for convenience, especially for children and the elderly.

Energy Saving

Figure 6: Two Control Methods. This image demonstrates both remote control and wall switch control options for the BLNAN LED ceiling light. The wall switch allows cycling through color temperatures (3000K, 4000K, 6500K) by quickly toggling it.

Operation Videos:

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Video 2: Easy installation, works perfectly bright lights or dim. This video showcases the remote control functionality, demonstrating how to turn the light on/off, adjust brightness, and change color temperature between warm, daylight, and other modes.

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Video 3: BLNAN Led Flush Mount Ceiling Light - Dimmable with Remote. This video demonstrates the dimming and color temperature adjustment features of the light using the remote control.

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Video 4: Let there Be Light! This video shows the light being turned on and off, and its various color temperature settings.

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Video 5: Bright LED light easy to use with remote. This video demonstrates the remote control's ease of use for adjusting brightness and color temperature.

7. MAINTENANCE

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

- **Cleaning:** Before cleaning, ensure the power supply to the fixture is turned off at the circuit breaker. Use a soft, dry cloth to wipe the surface of the light fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Dust Removal:** The fixture is designed with anti-dust features. However, occasional dusting with a soft cloth will help maintain its appearance and light output.
- **Inspection:** Periodically check the fixture for any signs of damage, loose connections, or wear. If any issues are found, consult a qualified electrician for repair or replacement.
- **Bulb Replacement:** This LED fixture uses integrated LED lamp beads and does not require traditional bulb replacement. The LEDs are designed for a long lifespan.

Figure 7: Anti-Dust Feature. The light is designed to resist dust accumulation, simplifying maintenance.

8. TROUBLESHOOTING

If you encounter any issues with your BLNAN LED Flush Mount Ceiling Light, please refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; remote control battery low or not aimed correctly.	Check circuit breaker. Ensure all wire connections are secure. Replace remote control batteries and aim directly at the fixture.

Problem	Possible Cause	Solution
Light flickers or dims unexpectedly.	Unstable power supply; loose wiring; incompatible dimmer switch (if used).	Verify stable power. Check wiring connections. This fixture is NOT suitable for external dimmer switches; use only the provided remote for dimming.
Remote control not responding.	Batteries dead or incorrectly inserted; remote out of range; obstruction between remote and light.	Replace AAA batteries. Ensure remote is within 5 meters and aimed at the light. Remove any obstructions.
Color temperature not changing.	Remote control issue; wall switch not toggled quickly enough.	Use the remote control's K-/K+ or preset color buttons. When using the wall switch, ensure you toggle ON/OFF within 5 seconds to cycle through colors.

9. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	BLNAN
Model Name	LD-002 Ceiling Lights
ASIN	B0BZ7MPBBB
Color	Black
Size	15.4 Inch 36W
Product Dimensions	12"L x 12"W x 0.97"H (Note: Product title states 15.4 Inch, specifications state 12"L x 12"W. Please refer to product packaging for exact dimensions.)
Material	Plastic
Light Fixture Form	Close to Ceiling
Installation Type	Flush Mount
Power Source	Corded Electric
Special Features	Adjustable Color Temperature, Corded, Dimmable, Energy Efficient, Remote Control
Control Method	Remote
Light Source Type	LED
Voltage	120 Volts
Wattage	36 watts
Brightness	3600 Lumen (Light Output Maximum)
Color Temperature	3000K-6500K (Adjustable)
Color Rendering Index (CRI)	90

Specification	Detail
Average Life	30000 Hours
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Water Repellent

10. WARRANTY AND SUPPORT

For any product inquiries, technical support, or warranty claims, please contact BLNAN customer service. Refer to your product packaging or the BLNAN official website for the most up-to-date contact information.

While specific warranty details are not provided in this manual, extended protection plans may be available for purchase separately. Please check with your retailer for options such as 3-Year or 4-Year Protection Plans.