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## BLNAN LS-CL-G24W-Dim

# BLNAN LED Flush Mount Ceiling Light

User Manual for Model: LS-CL-G24W-Dim

## 1. INTRODUCTION

Thank you for choosing the BLNAN LED Flush Mount Ceiling Light. This modern, ultra-thin fixture provides versatile lighting with adjustable color temperature (3000K-6500K) and dimmable brightness (10%-100%), all controllable via an included remote. Designed for various indoor spaces, it offers energy efficiency and a long lifespan.

Key features include:

- **3 CCT Change & Remote Control:** Easily switch between 3000K (warm white), 4000K (neutral white), and 6500K (cool white) using the remote.
- **Dimmable Brightness:** Adjust light intensity from 10% to 100% to suit your needs.
- **High CRI 90+:** Ensures colors appear true and vibrant.
- **Energy Saving:** 24W LED provides 2400 lumens, equivalent to a 240W incandescent lamp, reducing electricity costs.
- **Slim Design:** At only 0.99 inches thick, it's suitable for low ceilings and modern aesthetics.
- **Safety Features:** Built-in anti-leakage settings and fire-resistant plastic cover.

## 2. SAFETY INFORMATION

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

- Always ensure the power supply is disconnected at the circuit breaker before installation, maintenance, or cleaning.
- Installation and maintenance should only be performed by a qualified electrician.
- Verify that the input voltage and frequency match the product specifications (230 Volts).
- Keep children away from the work area and prevent them from swallowing small parts or touching live electrical components.

- The lampshade cannot be opened, and the LED light source inside the lamp body is not replaceable by the user.
- This fixture is not suitable for use with external dimmer switches. Use only the provided remote control for dimming.
- This product is for indoor use only and is not water resistant.



Image: Italian warning label and energy efficiency rating. Key warnings include disconnecting power before installation, keeping children away, and noting the non-replaceable LED source. The energy label shows 24 kWh/1000h consumption. For more details on energy efficiency, visit [eprel.ec.europa.eu/qr/2101417](http://eprel.ec.europa.eu/qr/2101417).

### 3. PACKAGE CONTENTS

Please check the package contents to ensure all parts are present and undamaged:

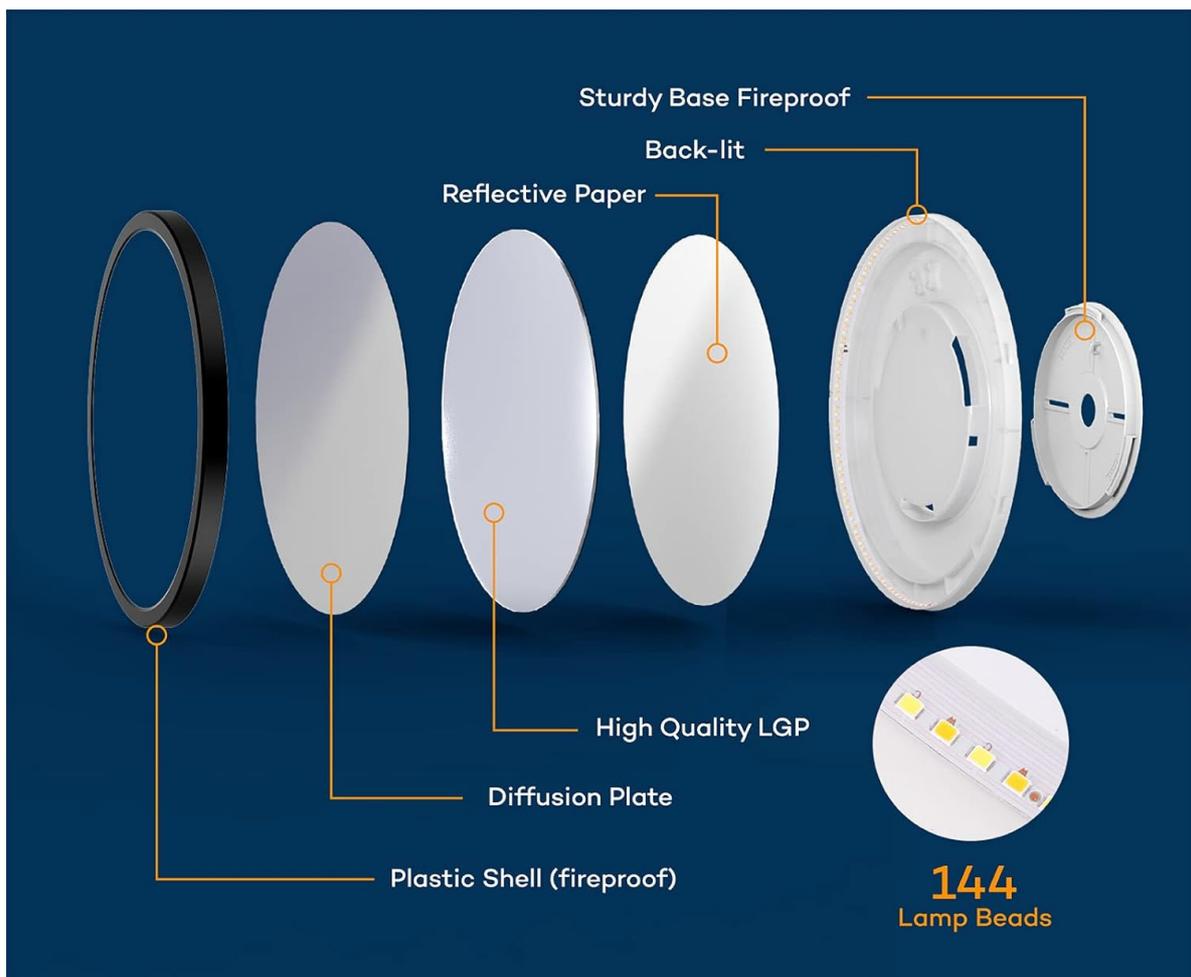
- BLNAN LED Flush Mount Ceiling Light Fixture (1)
- Remote Control (1)
- Mounting Screws and Wall Anchors (Set)
- User Manual (1)



Image: The package contents, showing the round LED ceiling light, the remote control, a small instruction manual, and a bag of screws and wall anchors.

## 4. PRODUCT OVERVIEW

### Light Fixture Components



**24w**  
Wattage

**2400lm**  
Brightness

**IP40**  
Dust-Proof

**Memory**  
Function

Image: An exploded diagram illustrating the internal components of the BLNAN LED ceiling light, showing the outer plastic shell, diffusion plate, Light Guide Plate (LGP), reflective paper, sturdy fireproof base, and the arrangement of 144 SMD2835 LED lamp beads.

- **Plastic Shell (Fireproof):** The outer casing of the light fixture.
- **Diffusion Plate:** Spreads light evenly for a soft glow.
- **High Quality LGP (Light Guide Plate):** Distributes light from the LEDs across the surface.
- **Reflective Paper:** Maximizes light output by reflecting light forward.
- **Sturdy Base (Fireproof):** Provides structural support and houses electrical connections.
- **144 Lamp Beads (SMD2835):** The LED light source.

## Remote Control



Image: A detailed diagram of the remote control, labeling each button and its corresponding function for controlling the light fixture.

- **Power (ON/OFF):** Turns the light on or off.
- **Turn Off After 30s:** Activates a 30-second off-delay.
- **Brightness + / Brightness -:** Adjusts the light intensity.
- **Color Temperature + / Color Temperature -:** Changes the color temperature.
- **Night Light Mode:** Activates a soft, low-brightness mode.
- **50% Brightness:** Sets brightness to 50%.
- **CCT Toggle Button (3000K/4000K/6500K):** Cycles through preset color temperatures.
- **Warm White 3000K:** Direct selection for 3000K.
- **Cold White 6500K:** Direct selection for 6500K.

## 5. SETUP AND INSTALLATION

Follow these steps to install your BLNAN LED Flush Mount Ceiling Light. Ensure power is off at the circuit breaker before beginning.

1. **Prepare the Mounting Surface:** Ensure the ceiling junction box is securely installed and capable of supporting the fixture's weight.
2. **Attach Mounting Bracket:** Secure the mounting bracket to the junction box using the provided screws.
3. **Connect Wiring:** The fixture includes a unique hanging cord to support the light panel while connecting wires. Connect the live (black), neutral (white), and ground (green/bare copper) wires from the fixture to the corresponding wires in the junction box using wire nuts. Ensure all

connections are secure.

4. **Mount the Fixture:** Carefully align the fixture with the mounting bracket and secure it in place with the provided screws.
5. **Restore Power:** Once the fixture is securely installed, restore power at the circuit breaker.

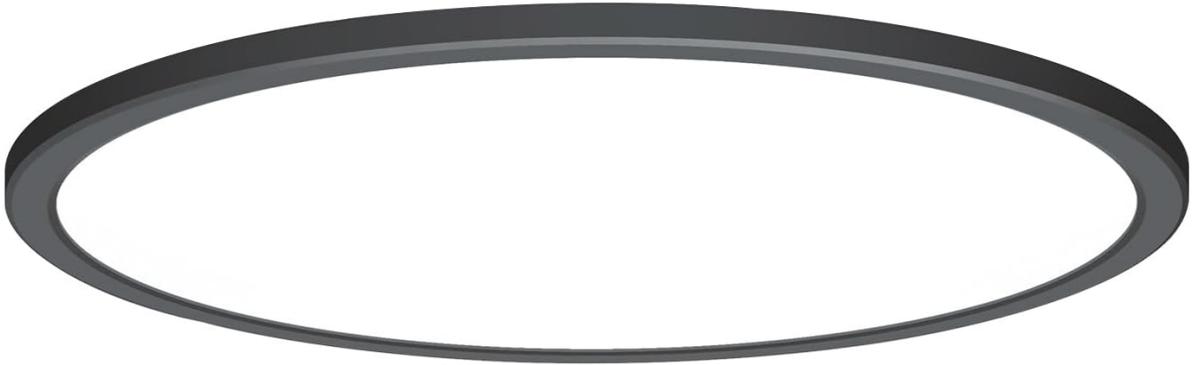


Image: A visual guide to the installation process, detailing how to connect the light fixture to the ceiling's electrical wiring and secure it in place.

## 6. OPERATING INSTRUCTIONS

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Your BLNAN LED Ceiling Light is controlled by the included remote. Ensure the remote is aimed directly at the ceiling light for optimal performance. The effective remote control distance is within 5 meters (approximately 16 feet).

### Basic Operation

- **Power On/Off:** Press the **Power** button to turn the light on or off.
- **Brightness Adjustment:** Use the **Brightness +** and **Brightness -** buttons to increase or decrease the light intensity from 10% to 100%.
- **Color Temperature Adjustment:** Use the **Color Temperature +** and **Color Temperature -** buttons to cycle through color temperatures from 3000K (warm) to 6500K (cool).
- **Preset CCT:** Use the dedicated buttons for **Warm White 3000K** or **Cold White 6500K**, or the **CCT Toggle** button to switch between 3000K, 4000K, and 6500K.



Image: The BLNAN ceiling light demonstrating its ability to change color temperature from warm to cool, controlled by the remote.



## Optional Color Temperature: 6500K-3000K

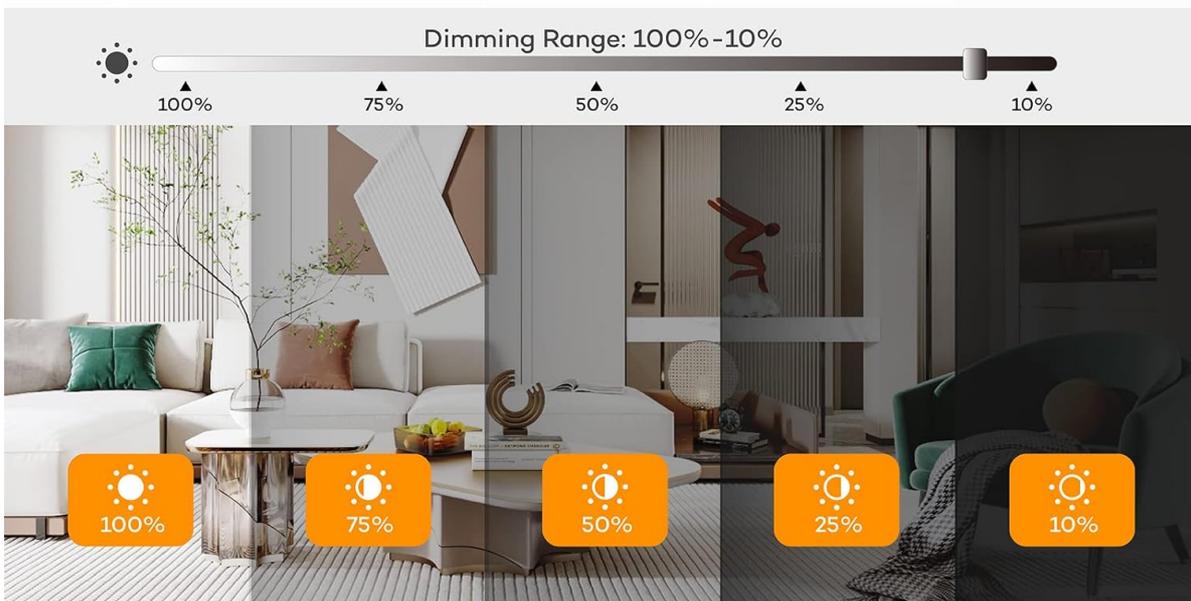
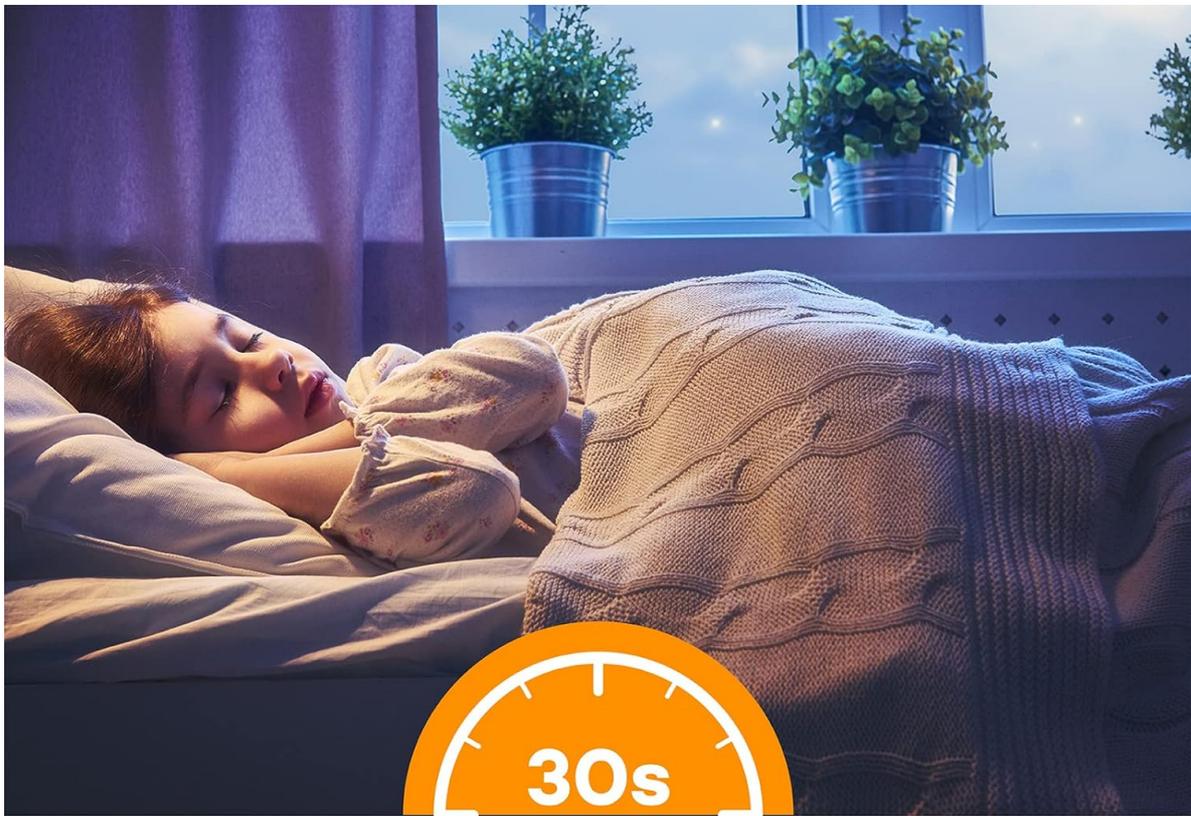


Image: Visual representation of the light's adjustable color temperature range (6500K to 3000K) and dimming capabilities (100% down to 10%).

### Special Functions

- **Night Light Mode:** Press the **Night Light Mode** button for a soft, low-brightness illumination, ideal for sleeping environments.
- **30s Off-Delay:** Press the **Turn Off After 30s** button to set a timer for the light to turn off automatically after 30 seconds.
- **Memory Function:** The remote control saves the last brightness and color temperature settings, so the light will turn on with your previous preferences.



## Night Light Mode

Soft light makes you have a peaceful and sweet sleep

Image: Depiction of the Night Light Mode, providing soft illumination, and highlighting the 30-second off-delay feature for convenience.

## 7. MAINTENANCE

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

- **Cleaning:** Before cleaning, ensure the power supply to the fixture is turned off. Use a soft, dry cloth to wipe the surface of the light fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or internal components.
- **No User-Serviceable Parts:** The LED light source is integrated and not replaceable. Do not attempt to open the fixture or replace any internal components. This will void the warranty and may pose a safety risk.
- **Regular Inspection:** Periodically check the fixture for any signs of damage, loose connections, or unusual operation. If any issues are observed, disconnect power and consult a qualified electrician.

## 8. TROUBLESHOOTING

If you encounter any issues with your BLNAN LED Ceiling Light, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none"><li>• No power supply.</li><li>• Loose wiring connection.</li><li>• Remote control battery is dead.</li></ul>	<ul style="list-style-type: none"><li>• Check circuit breaker and wall switch.</li><li>• Ensure all wires are securely connected (consult an electrician if unsure).</li><li>• Replace remote control batteries.</li></ul>
Remote control not working.	<ul style="list-style-type: none"><li>• Remote batteries are low or dead.</li><li>• Remote is not aimed at the light.</li><li>• Obstruction between remote and light.</li><li>• Beyond effective range.</li></ul>	<ul style="list-style-type: none"><li>• Replace remote batteries.</li><li>• Aim remote directly at the light fixture.</li><li>• Remove any obstructions.</li><li>• Ensure you are within 5 meters of the light.</li></ul>
Light flickers or dims unexpectedly.	<ul style="list-style-type: none"><li>• Incompatible dimmer switch.</li><li>• Loose wiring.</li></ul>	<ul style="list-style-type: none"><li>• This light is NOT suitable for external dimmer switches. Ensure it is connected to a standard ON/OFF switch.</li><li>• Check wiring connections (consult an electrician).</li></ul>
Light color or brightness does not change.	<ul style="list-style-type: none"><li>• Remote control issue.</li></ul>	<ul style="list-style-type: none"><li>• Refer to 'Remote control not working' solutions.</li></ul>

## 9. SPECIFICATIONS

Feature	Specification
Brand	BLNAN
Model Name	LD-002 Ceiling Lights

Feature	Specification
Item Model Number	LS-CL-G24W-Dim
Product Dimensions	12"L x 12"W x 0.97"H (11.81 x 11.81 x 0.98 inches)
Item Weight	1.89 pounds
Color	Black (Fixture) / Black and White (Shade)
Material	Plastic
Light Source Type	LED (144 SMD2835 lamp beads)
Wattage	24 watts
Brightness	2400 Lumens
Color Temperature	3000K - 6500K (Adjustable)
Dimmable Range	10% - 100%
Color Rendering Index (CRI)	90+
Voltage	230 Volts
Power Source	Corded Electric
Installation Type	Flush Mount (Ceiling Mount or Wall Mount)
Control Method	Remote Control
Average Life	30,000 Hours
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant

## 10. WARRANTY AND SUPPORT

BLNAN is committed to providing high-quality products. For any questions, concerns, or technical support regarding your BLNAN LED Flush Mount Ceiling Light, please refer to the following resources:

- **Official User Manual (PDF):** For a downloadable version of this manual, please visit: [BLNAN User Manual PDF](#)
- **Online Support:** Visit the official BLNAN store on Amazon for product information and customer service options: [BLNAN Amazon Store](#)
- **Manufacturer Contact:** For direct inquiries, please refer to the contact information provided on the product packaging or the official BLNAN website.

Please retain your purchase receipt for any warranty claims. Specific warranty terms and conditions may vary and are typically outlined at the point of purchase or on the manufacturer's official channels.

## Related Documents - LS-CL-G24W-Dim

	<p><a href="#">BLNAN RGB Ceiling Light with Remote User Manual</a></p> <p>User manual for the BLNAN RGB Ceiling Light with Remote (Model: LS-CL-G3-24W-Dim-WYRGB), detailing features, specifications, installation, operation, and precautions.</p>
	<p><a href="#">BLNAN Smart Ceiling Light with Remote and App Control User Manual</a></p> <p>User manual for the BLNAN Smart Ceiling Light (Model LS-CL-G3-24W-Dim-APPWYRGB), detailing installation, remote control functions, app compatibility with Alexa and Google Home, and product specifications.</p>
	<p><a href="#">BLNAN LED Ceiling Light User Manual - LS-CL-G18W-Dim</a></p> <p>User manual for the BLNAN LS-CL-G18W-Dim LED Ceiling Light. Features include ultra-thin design, 3-color selectable (3000K/4000K/5000K), energy saving, and easy installation. Includes specifications and installation guide.</p>
	<p><a href="#">BLNAN CL-G36W-DIM-WY Dimmable LED Ceiling Light User Manual</a></p> <p>Comprehensive user manual for the BLNAN CL-G36W-DIM-WY dimmable LED ceiling light. Find detailed specifications, remote control operation instructions, step-by-step installation guide, and essential safety precautions for this modern flush mount lighting fixture.</p>
	<p><a href="#">BLNAN Motion Sensor LED Ceiling Light User Manual</a></p> <p>Comprehensive user manual for the BLNAN Motion Sensor LED Ceiling Light (LS-CL-G18W-M-S), detailing product specifications, installation, modes, and precautions.</p>
	<p><a href="#">Shine LUEST Modern Rings Ceiling Light Installation Manual</a></p> <p>Comprehensive installation manual for the Shine LUEST Modern Rings Ceiling Light (Model SL-CL-801/2), covering safety, parts, assembly, installation, troubleshooting, care, and warranty information.</p>