BLNAN LS-CL-I4-24W--CCT/N

BLNAN Flat LED Ceiling Light User Manual

Model: LS-CL-I4-24W--CCT/N

INTRODUCTION

Thank you for choosing the BLNAN Flat LED Ceiling Light. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read it thoroughly before use and retain it for future reference.

SAFETY INFORMATION

- Always disconnect the power supply at the main circuit breaker before attempting any installation, maintenance, or cleaning.

- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.

- Ensure the voltage supply matches the requirements specified for this product (230V).

- This product is designed for indoor use only. Do not expose it to water or high humidity.

- Do not attempt to modify or disassemble the light fixture. There are no user-serviceable parts inside.

- Keep packaging materials out of reach of children.

PACKAGE CONTENTS

Please check that all components are present and undamaged:

- 1 x BLNAN Flat LED Ceiling Light

- 1 x Instruction Manual (This document)

- Mounting hardware (screws, wall anchors, wire connectors)

PRODUCT SPECIFICATIONS

Brand	BLNAN
Model Number	LS-CL-I4-24W--CCT/N

Power	24 Watts
Lumen Output	2400 Lumens
Color Temperature	2000K (Night Light), 3000K (Warm White), 4000K (Neutral White), 5000K (Cool White)
Voltage	230 Volts
Material	Polycarbonate
Product Dimensions (LxWxH)	30 cm x 30 cm x 2.5 cm
Lifespan	Over 30,000 hours
Mounting Type	Flush Mount, Ceiling Mount
Special Features	Adjustable Color Temperature, Night Light Function, Memory Function, Over-voltage, short-circuit, and overheat protection
Recommended Room Use	Balcony, Bedroom, Kitchen, Office, Basement, Bathroom, Living Room, Hallway

INSTALLATION INSTRUCTIONS

Before beginning installation, ensure the power supply is turned off at the circuit breaker.

1. **Prepare the Light Fixture:** Rotate the light fixture counterclockwise to detach the mounting base from the main lamp body.

2. **Select Color Temperature:** Before mounting, locate the small switch on the back of the lamp body. Use this switch to select your desired main light color temperature: 3000K (Warm White), 4000K (Neutral White), or 5000K (Cool White). This setting is fixed after installation.

3. **Fix the Mounting Base:** Position the mounting base on the ceiling where you intend to install the light. Mark the screw holes. Drill pilot holes if necessary and secure the mounting base to the ceiling using the provided screws and wall anchors. Ensure the screw distance is approximately 7cm-9cm.

4. **Connect the Wires:** Carefully connect the electrical wires from your ceiling to the corresponding terminals on the mounting base. Typically, this involves connecting the Live (L), Neutral (N), and Ground (E) wires. Ensure all connections are secure.

5. **Attach the Lamp Body:** Align the main lamp body with the installed mounting base. Push the lamp body upwards and rotate it clockwise until it locks securely into place.

① Rotate counterclockwise to remove the base.

30cm 30cm

2.5cm

② Fix the mounting base.

7cm-9cm

③ Connect the wires.

④ Push and rotate the lamp to fix.

Figure 1: Installation steps for the BLNAN Flat LED Ceiling Light.

1 Light, 3 Color Temperatures

5000K
Cold White

4000K
Neutral White

3000K
Warm White

How to set the light color?

C N W

3 color temperature modes optional. Choose your favor color temperature before installation.

Not compatible with dimmers

Figure 2: Pre-installation color temperature selection switch.

OPERATING INSTRUCTIONS

Main Light and Night Light Function

This ceiling light features a main light mode (24W, 2400LM) and a unique 2000K amber night light mode (5W).

- **To activate Main Light:** Turn your wall switch ON. The light will illuminate in the previously selected main color temperature (3000K/4000K/5000K).

- **To activate Night Light:** Quickly toggle your wall switch OFF and then ON again (ON-OFF-ON sequence). The

light will switch to the soft 2000K amber night light mode.

- **To return to Main Light:** Toggle your wall switch OFF and then ON again from the night light mode.

Figure 3: Wall switch operation for main light and night light modes.

3in1 CCT

24W 2400LM

2000K Nightlight

Ultra-Thin

Energy Saving

30000H Long Life

Figure 4: Main light versus 2000K night light in a hallway setting.

Figure 5: Benefits and visual of the 2000K warm night light.

Memory Function

The light features a memory function that recalls the last selected lighting mode (main light or night light).

- Turn on the ceiling light and select your desired lighting mode.
- Keep the light in this mode for at least 30 seconds.
- Turn off the light for at least 10 seconds.
- The next time you turn on the light, it will automatically restore the previously selected mode.

MAINTENANCE

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the light fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.

- **Bulb Replacement:** This LED ceiling light uses integrated LED chips that are designed for long-term use (over 30,000 hours) and are not user-replaceable.

- **Inspection:** Periodically check the light fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty wall switch.	Check the circuit breaker. Ensure all wires are securely connected (power off first). Test the wall switch with another device.
Light flickers.	Unstable power supply. Loose wiring connection.	Ensure stable power. Check wiring connections (power off first).
Night light mode does not activate.	Incorrect switch sequence.	Ensure a quick ON-OFF-ON sequence on the wall switch.
Main light color temperature cannot be changed.	Color temperature is set during installation.	The main light color temperature (3000K/4000K/5000K) is selected via a switch on the back of the lamp before installation and cannot be changed during normal operation.

WARRANTY INFORMATION

This BLNAN product comes with a standard manufacturer's warranty. Please refer to your purchase documentation or contact your retailer for specific terms, conditions, and duration of the warranty.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or any other inquiries, please contact your retailer or visit the official BLNAN website for support.