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BLNAN LS-CL-I18W-Dim-YK BK/N

BLNAN Dimmable LED Ceiling Light User Manual

Model: LS-CL-I18W-Dim-YK BK/N
Brand: BLNAN

1. INTRODUCTION

Thank you for choosing the BLNAN Dimmable LED Ceiling Light. This ultra-thin ceiling light offers versatile illumination with adjustable color temperature and brightness, a convenient remote control, and an energy-efficient design. It is ideal for various indoor spaces such as bedrooms, kitchens, balconies, basements, and offices. This manual provides comprehensive instructions for safe installation, operation, and maintenance of your new ceiling light.



Image: The BLNAN Dimmable LED Ceiling Light, its packaging, and the included remote control, showcasing the product's sleek design and key components.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before installation and use. Keep this manual for future reference.

- Always turn off the power at the main circuit breaker before installing or servicing the light fixture.
- Installation should be performed by a qualified electrician or a person with sufficient knowledge of electrical wiring.
- Ensure the voltage supply matches the requirements of the light fixture (230 Volts).
- Do not attempt to modify the light fixture in any way.
- Avoid looking directly into the LED light source when it is on, as it may cause eye strain.
- Keep the light fixture away from water and moisture. This product is designed for indoor use only.

- Dispose of packaging materials responsibly.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- BLNAN Dimmable LED Ceiling Light (1 unit)
- Remote Control (Batteries not included; requires 2x AAA batteries)
- Mounting Hardware (screws, wall anchors)
- User Manual (this document)

4. INSTALLATION GUIDE

The BLNAN LED ceiling light is designed for easy installation. Follow these steps carefully:

1. **Prepare for Installation:** Turn off the power supply at the main circuit breaker to avoid electrical shock. Ensure the mounting surface is clean, dry, and structurally sound.
2. **Mount the Base:** Use the provided mounting hardware to securely attach the light's base plate to the ceiling. Ensure it is firmly fixed.
3. **Connect Wiring:** Connect the household electrical wires to the corresponding wires on the light fixture. Use appropriate wire connectors. The fixture includes a steel cable for temporary hanging during wiring, allowing for hands-free connection.
4. **Attach the Light Fixture:** Once wiring is complete, align the light fixture with the mounted base. Push the light fixture upwards and rotate it clockwise until it locks securely into place.
5. **Restore Power:** Turn the power back on at the main circuit breaker.



Image: Visual guide demonstrating the simple four-step installation process for the ceiling light, including base mounting, wiring, and final attachment.

5. OPERATING INSTRUCTIONS

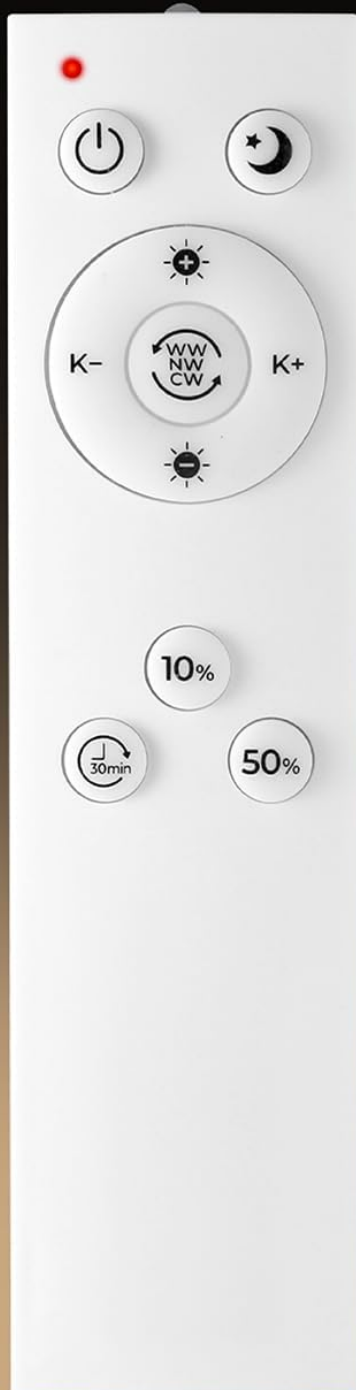
Your BLNAN ceiling light comes with a remote control for convenient operation. Insert 2x AAA batteries (not included) into the remote control before use.



Image: Overview of the BLNAN ceiling light's main features, including its 18W main light, 4W night light, remote control, high CRI, and energy efficiency.

5.1 Remote Control Functions

Smart Infrared Remote Control



Easily adjust color temperature and brightness.



One remote control can operate multiple lights.



Memory function: remembers previous remote control settings.



3000K~6500K



2 in 1



2000K

Image: Detailed view of the smart infrared remote control, highlighting its various buttons for light mode selection and adjustment.

- **Power Button ():** Turns the light On or Off.
- **Night Light Button ():** Activates the 4W 2000K amber night light mode with a single press.
- **Color Temperature Adjustment (K- / K+):**
 - Press **K-** to decrease color temperature (towards 3000K Warm White).
 - Press **K+** to increase color temperature (towards 6500K Cool White).

- The main light can be adjusted infinitely between 3000K and 6500K.
- **Brightness Adjustment (10% / 50% / Dimmer Wheel):**
 - Press **10%** or **50%** for quick brightness presets.
 - Use the dimmer wheel to adjust brightness continuously from 10% to 100% for both main and night light modes.
- **30-Minute Timer Button (30min):** Activates a 30-minute timer, after which the light will automatically turn off. This is ideal for bedtime.
- **Memory Function:** The light remembers the last used settings (color temperature and brightness) when turned off and on again.

5.2 Lighting Modes

3000K~6500K Dimmable (Main Light)



Brightness Dimmable (Main&Night Light)



Image: Illustration of the light's dimmable range from 3000K to 6500K and brightness adjustment from 10% to 100% for both main and night light modes.

- **Main Light (18W, 1800LM):** Provides bright illumination with adjustable color temperature from 3000K (warm white) to 6500K (cool white). Brightness is fully dimmable.
- **Night Light (4W, 2000K):** Emits a soft, warm amber glow from the back of the fixture, creating a comfortable atmosphere. Ideal for relaxation or as a low-level light source. This mode is also dimmable.



Image: The ceiling light operating in 2000K warm nightlight mode, demonstrating its suitability for creating a relaxing environment, with features like a 30-minute timer and soft dimmable light.

6. MAINTENANCE

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

- **Cleaning:** Before cleaning, ensure the light is turned off and has cooled down. Wipe the surface with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture has a long lifespan of over 30,000 hours, reducing the need for frequent replacements.
- **Inspection:** Periodically check the fixture for any signs of damage or loose connections. If any issues are found, turn off the power immediately and consult a qualified electrician.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Remote control batteries are dead or incorrectly inserted.	Check the circuit breaker and wall switch. Turn off power and re-check wiring connections. Replace remote control batteries (2x AAA) and ensure correct polarity.
Light flickers or dims unexpectedly.	Unstable power supply. Loose wiring. Interference from other devices.	Ensure stable power. If problem persists, consult an electrician. Turn off power and check all wiring connections. Move other electronic devices away from the light fixture if possible.
Remote control not working.	Batteries are dead or incorrectly inserted. Obstruction between remote and light. Remote control is too far from the light.	Replace batteries (2x AAA) and check polarity. Ensure a clear line of sight between the remote and the light. Operate the remote within its effective range.
Light does not respond to color/brightness changes.	Remote control issue. Light fixture malfunction.	Try replacing remote batteries. Ensure you are pressing the correct buttons. If the issue persists after checking the remote, contact customer support.

If the problem persists after trying these solutions, please contact BLNAN customer support for assistance.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	BLNAN

Feature	Detail
Model Number	LS-CL-I18W-Dim-YKBK/N
Dimensions (L x W x H)	22 x 22 x 2.5 cm (8.66 x 8.66 x 0.98 inches)
Weight	660 grams (1.45 lbs)
Material	Polycarbonate (PC)
Power (Main Light)	18 Watts
Power (Night Light)	4 Watts
Luminous Flux	1800 Lumens
Color Temperature	3000K - 6500K (Main Light), 2000K (Night Light)
Voltage	230 Volts
Light Source Type	Integrated LED
CRI (Color Rendering Index)	>80
Lifespan	>30,000 hours
Energy Efficiency Rating	F (as per provided energy label)
Remote Control Batteries	2x AAA (not included)
Installation Type	Flush Mount (Ceiling)
Country of Origin	China



80+

HIGH CRI

Perfect visual experience, more real life colors

80+
CRI

70+
CRI

60+
CRI

No Flicker & No Harm To Eyes



Image: The light's high Color Rendering Index (CRI > 80) ensures accurate color reproduction, and its design prevents flickering, protecting eye comfort.

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2015/1005 DER KOMMISSION zur Harmonisierung der Normen für die Kennzeichnung von Lichtquellen			
Name oder Handelsname des Lieferanten: Shenzhen Longshine Metals Co., Ltd			
Anschrift des Lieferanten: nVatmaster Consulting GmbH, Ruffelsstrasse 2 811 83112 Rottgen, DE			
Modellbezeichnung: LS-GJ-118W-Dim-YEB01N			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungelblich oder gelblich:	NEIN
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle):	NA		
Nennspannung/Nicht direkt an die Nennspannung angeschlossen:	MCS	Verstärkte Lichtquelle (ELV):	Nein
Funktion: abstrahlbare Lichtquelle:	Nein	Hülle:	Nein
Lichtquelle mit hoher Leuchtdichte:	Nein		

Beschreibung	Nenn	Einheit	Wert
Produktparameter			
Parameter	Wert	Parameter	Wert
Allgemeine Produktkennwerte			
Energieverbrauch im Ein-Zustand (EN61300 K), auf die nächstliegende ganze Zahl gerundet	18	Energieeffizienzkategorie	E
Nachschaltstrom (I _{sc}) bei 25°C, ob sich der Wert auf den sich bezieht in einer Kugel (25°C), in einem kalten Kugel (25°C) oder in einem kalten Kugel (25°C) bezieht	1,79 in mW/g (100°C)	Erhöhte Farbtemperatur, gerundet auf die nächstgelegenen 100 K, oder Spanne der einstellbaren Erhöhten Farbtemperatur, gerundet auf die nächstgelegenen 100 K	3000...6500
Leistungsaufnahme im Ein-Zustand (P _{in}) in W	17,2	Leistungsaufnahme im Betriebszustand (P _{in}) in W, auf die zweite Dezimalstelle gerundet	16,8
Leistungsaufnahme im normalen Betriebszustand (P _{in})	-	Farbwiedergabeindex, auf die	84
R _a (L _a in W) auf die zweite Dezimalstelle gerundet	-	nächstliegende ganze Zahl, gerundet, oder Spanne der einstellbaren, OB-Werte	-
Äußere Abmessungen, ggf. ohne angetragene Befestigungselemente, Befestigungselemente und Nicht-Befestigungselemente (Millimeter)	220 mm Höhe, 220 mm Breite, 25 mm Tiefe	Spektrale Strahlgutverteilung im Bereich 250 nm bis 800 nm bei Vollst	Siehe Bild auf letzter Seite
Angabe zu einer gleichwertigen Leistungsaufnahme	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
		Farbwiedergabeindex (Ra und R _a)	0,881 0,887
Parameter für LED- und OLED-Lichtquellen			
Wert des R _a für wiedergabeindex	8	Lebensdauerfaktor	0,54
Lichtstromertrag	0,52		
Parameter für LED- und OLED-Netzgeräteeingangsquellen			
Veranschlagter Wirkungsgrad (%)	0,52	Farbwiedergabeindex in Maximum-Modus	8
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflampe ohne eingetragenes Vorzeichen mit einer bestimmten Leistungsaufnahme ersetzt	ja	Falls ja, Angabe zur erwarteten Lebensdauer (h)	-
Flächen-Messgröße (P _{in} in W)	0,8	Messgröße für Strahlungsleistung (P _{in} in W)	0,8
η_{LED} = nicht zurechenbar η_{LED} = wenn zurechenbar			
Das Modell wurde auf dem Unionmarkt in Verkehr gebracht, und zwar ab dem 1. 1. 2014. EPREL-Eintragsnummer: 2146820 Lieferant: Informator Consulting GmbH (Bevollmächtigter) Kundenbetreuung: Name: Informator Consulting GmbH E-Mail-Adresse: contact@informatorconsulting.com Anzahl: 1 Adresse: 10117 Berlin, Deutschland Webseite: http://www.informatorconsulting.com Telefonnummer: +49 30 100 26 98 73			

Image: Energy label indicating the product's energy efficiency class and consumption.

For more details, visit the [EPREL database](https://eprel.ec.europa.eu/en/products).

9. WARRANTY AND SUPPORT

BLNAN is committed to providing high-quality products. While specific warranty details are not provided in this manual, most products come with a standard manufacturer's warranty against defects in materials and workmanship. For warranty claims, technical support, or any questions regarding your BLNAN Dimmable LED Ceiling Light, please contact the seller or manufacturer directly through the platform where you purchased the product. Please have your purchase receipt and model number (LS-CL-I18W-Dim-YKBK/N) ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question