

BLNAN LS-CL-G3-24W-Dim-APPWYRGB (US-WH)

BLNAN Smart RGB LED Flush Mount Ceiling Light User Manual

Model: LS-CL-G3-24W-Dim-APPWYRGB (US-WH)

Brand: BLNAN

1. IMPORTANT SAFETY INFORMATION

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

- **Electrical Safety:** Always disconnect power at the circuit breaker before installing, servicing, or cleaning the fixture. Ensure proper grounding to avoid electrical shock.
- **Qualified Electrician:** If you are unsure about the installation process, consult a qualified electrician.
- **Indoor Use Only:** This product is designed for indoor use in dry locations. Do not expose to water or high humidity.
- **Voltage:** Ensure the power supply voltage matches the fixture's requirements (120 Volts).
- **Compatibility:** Do not use with dimmable switches or dimmers switches, as this light is dimmable via app/remote/voice control.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Low Profile Dimmable Ceiling Light (1 unit)
- Mounting Hardware
- Remote Control
- Instruction Manual (this document)

3. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	BLNAN
Model Name	Ceiling Light (LS-CL-G3-24W-Dim-APPWYRGB (US-WH))
Dimensions	13"L x 13"W x 0.62"H
Weight	2.14 pounds
Material	Plastic
Color	White
Light Source Type	LED
Wattage	24 watts
Brightness	2400 Lumen
Color Temperature	3000K - 6500K (Adjustable)
Color Options	16 Million RGB Colors
Control Methods	Tuya/Smart Life App, Remote Control, Voice (Alexa/Google Home)
Voltage	120 Volts
CRI	90
Installation Type	Flush Mount Hardwire
Special Features	Music Sync, Smooth Dimming (10%-100%), Night Light Mode, Timer Function, Memory Function

4. INSTALLATION GUIDE

Follow these steps for a quick and easy installation. Ensure power is disconnected at the circuit breaker before starting.

- 1. Prepare the Fixture:** Carefully remove the light fixture from its packaging.
- 2. Separate the Base:** Gently twist and remove the mounting plate (base) from the main light body.
- 3. Secure the Mounting Plate:** Align the mounting plate with your junction box (compatible with 2.75 to 5.4 inch boxes). Use the provided screws to securely attach the plate to the junction box.
- 4. Connect Wiring:** Connect the electrical wires from your ceiling to the corresponding wires on the fixture using the provided wire nuts. Typically, black to black (Live), white to white (Neutral), and green/bare copper to green/bare copper (Ground). Utilize the metal tether to temporarily hang the light body during wiring, which helps prevent strain and simplifies the process.
- 5. Attach Light Body:** Once wiring is complete, align the main light body with the secured mounting plate and twist to lock it into place.

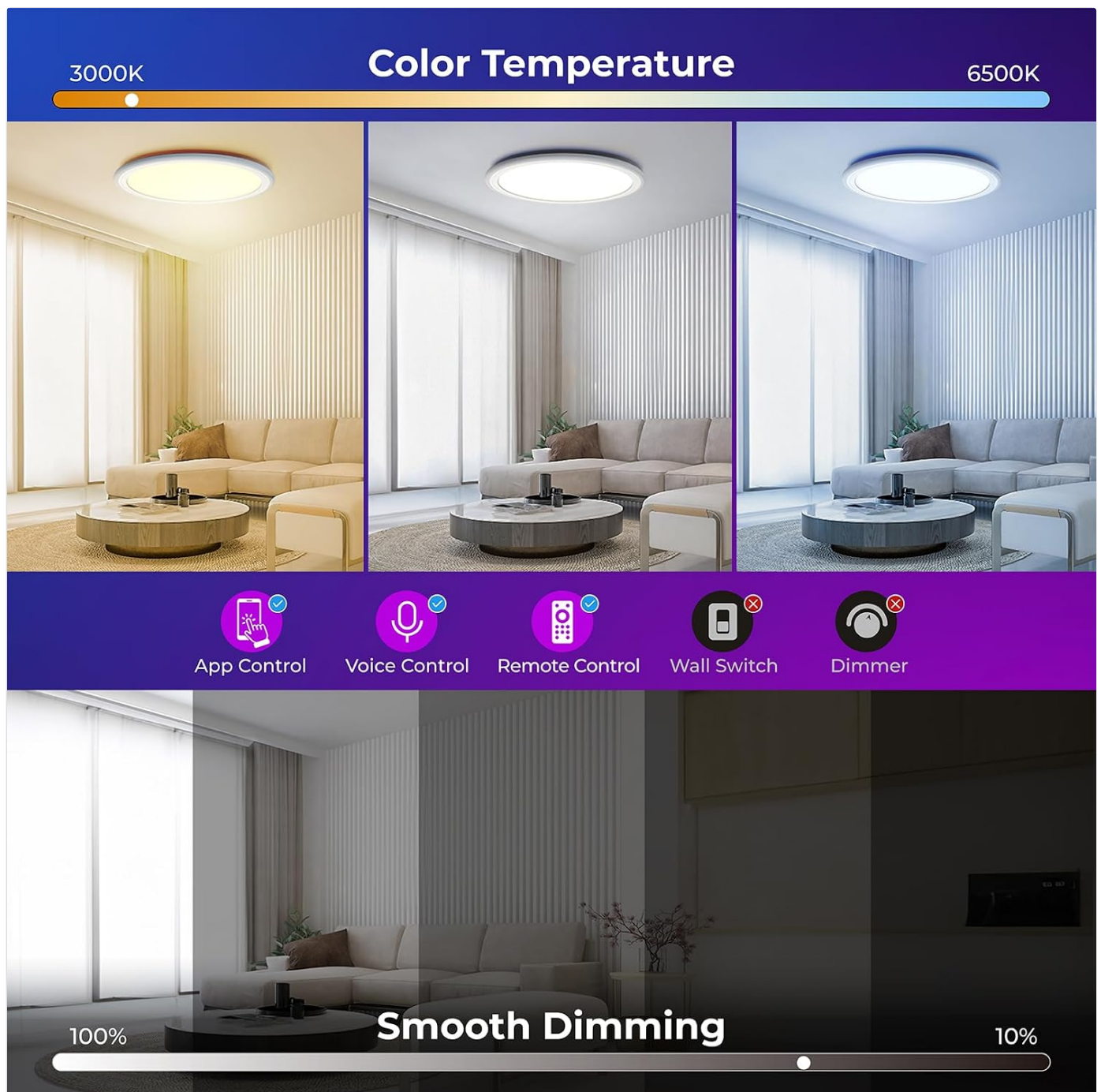


Figure 4.1: Easy Installation Steps. The light features a metal tether to assist during wiring, making installation simpler and safer.



Figure 4.2: Light Pairing and App Connection. After installation, long-press the remote's Wi-Fi button for 3-5 seconds until the light blinks 10 times to enter Wi-Fi connection mode. Then, use the Tuya/Smart Life app to add the device, ensuring both Wi-Fi and Bluetooth are enabled on your phone. Note: This light does not work with 5G WiFi networks.

5. OPERATING INSTRUCTIONS

The BLNAN Smart RGB LED Ceiling Light offers multiple control methods and versatile lighting modes.

5.1 Control Methods

- **Tuya/Smart Life App Control:**

Use the Tuya or Smart Life app on your smartphone for comprehensive control. This requires both Bluetooth and Wi-Fi (2.4GHz only) for initial setup and ongoing operation. The app allows for color selection, brightness adjustment, scene customization, and timer settings.



Figure 5.1: Multiple Control Options. The light can be controlled via the included remote, a smartphone app, or voice commands through smart home devices.

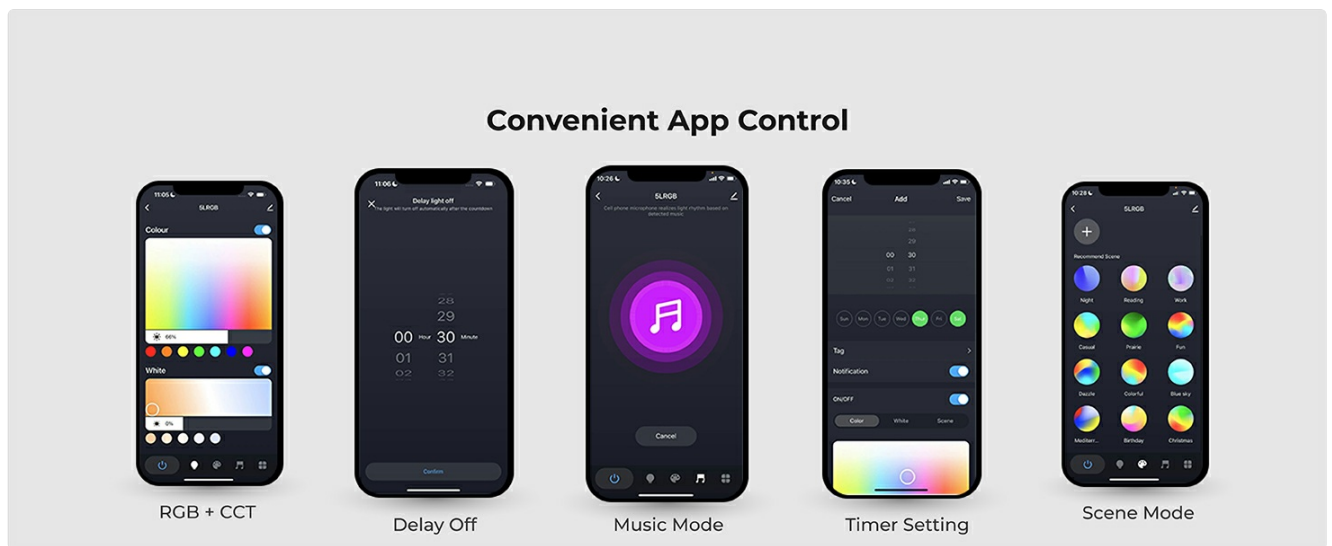


Figure 5.2: Convenient App Control. The app provides a user-friendly interface for adjusting colors, setting timers, activating music sync, and selecting predefined scenes.

- **Voice Activation (Amazon Alexa, Google Home):**

Integrate the light with Amazon Alexa or Google Home for hands-free voice control. You can change colors, adjust brightness, and turn the light on/off using simple voice commands.



Figure 5.3: Smart Voice Control. Easily control your lighting with voice commands through Amazon Alexa or Google Assistant.



Figure 5.4: Voice Control in Action. Experience convenient hands-free control for your smart lighting.

- **Remote Control:**

The included remote control provides easy access to basic functions, including on/off, brightness adjustment, color temperature changes, and RGB color selection. Refer to the remote's specific button layout for detailed functions.

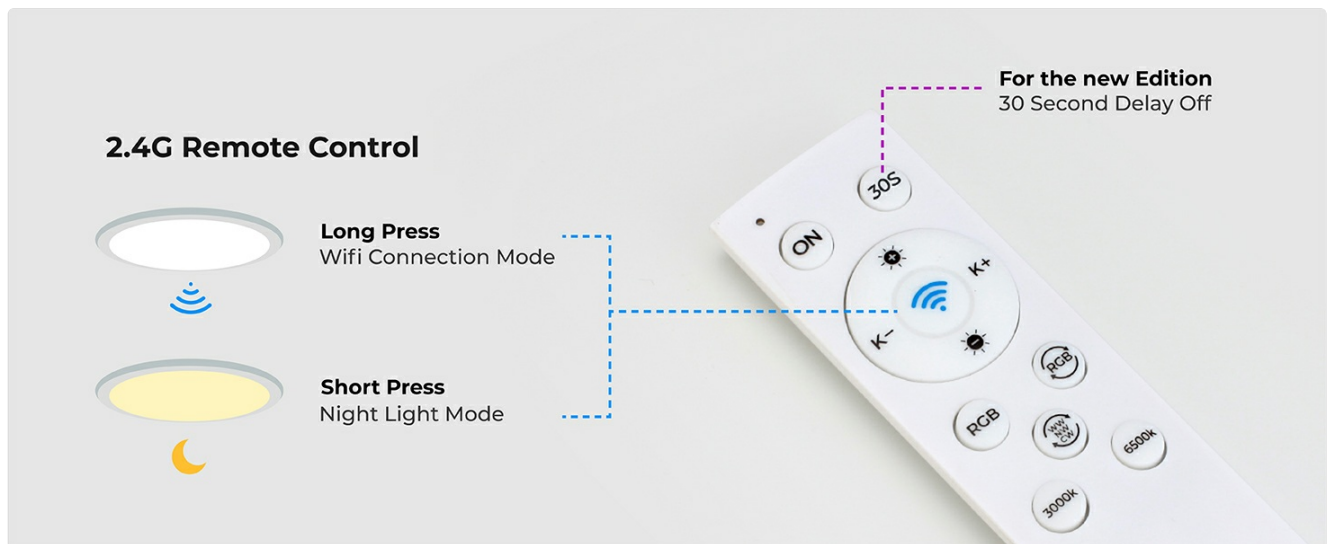


Figure 5.5: 2.4G Remote Control. The remote allows for direct control and also initiates Wi-Fi pairing mode.

5.2 Lighting Modes and Features

- **RGB Mood Lighting:**

Access 16 million RGB colors to create any desired ambiance. The RGB ring can be lit separately from the center light, offering dynamic lighting effects.



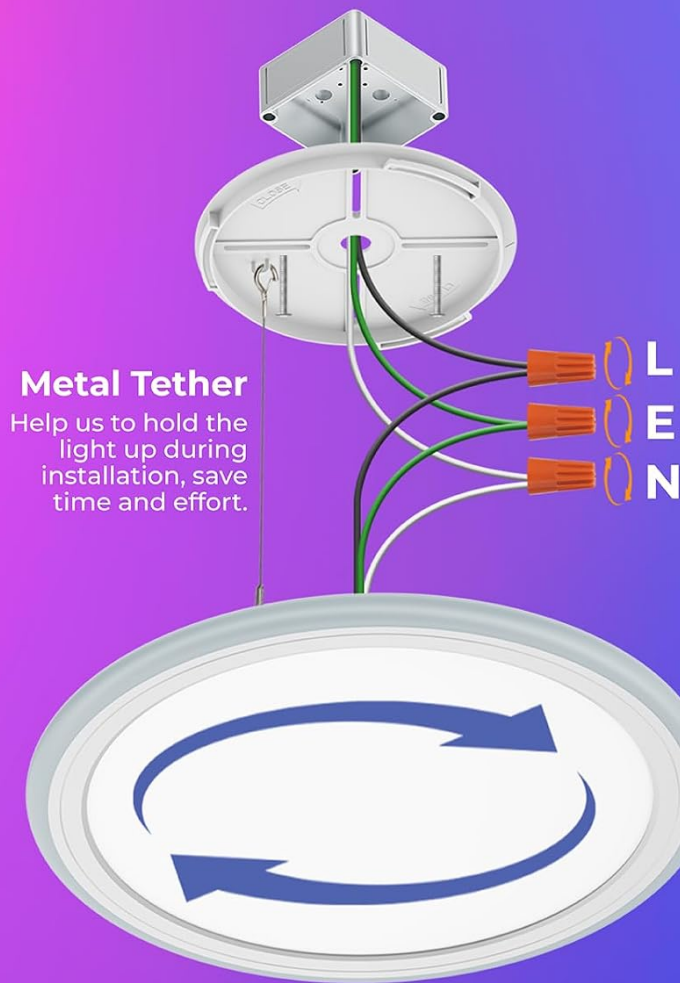
Figure 5.6: Colorful RGB Light. Explore a spectrum of 16 million colors to set the perfect mood.

- **Dimmable White Light (3000K-6500K):**

Adjust the color temperature from warm white (3000K) to cool white (6500K) and smoothly dim the brightness from 10% to 100% to suit various activities and times of day.

Easy Installation

The low profile is ideal for rooms with lower ceiling heights.



All Accessories Complete

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Junction Box

Compatible with the most junction boxes 2.75"-5.4". (not included)

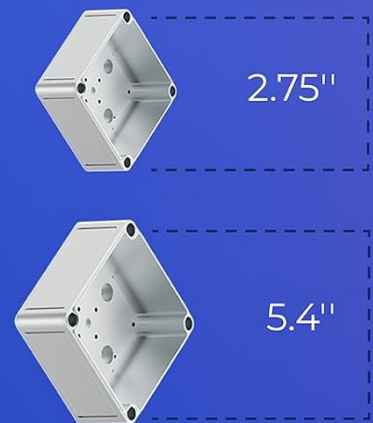


Figure 5.7: Adjustable Color Temperature and Smooth Dimming. Customize your lighting from warm to cool white and adjust brightness levels.

- **Music Sync Mode:**

Synchronize the light's colors and effects with music. The ambient lighting will change according to the rhythm or strength of the sound, ideal for parties or creating a dynamic atmosphere.



Figure 5.8: Music Sync Mode. Enhance your entertainment with dynamic lighting that responds to your music.

Your browser does not support the video tag.

Video 5.1: Control Modes, Million Colors, Music Sync, Custom Scene, Timer. This video demonstrates the various smart control features of the BLNAN ceiling light, including remote, app, and voice control, along with dynamic lighting effects like music synchronization and custom scene settings.

- **Night Light and Timer Setting:**

Activate the night light mode for a soft 3000K white light, perfect for low-light needs. The timer function allows you to schedule the light to turn on or off at specific times, which is convenient for daily routines or for children and the elderly.



Figure 5.9: Night Light & Timer Setting. Enjoy soft lighting for a peaceful night and schedule lighting routines for convenience.

- **Memory Function:**

The light features a memory function that remembers the last lighting setting (color, brightness, color temperature) when turned off and on again. To ensure the setting is saved, keep the light on for more than 1 minute and is turned off for at least 15 seconds before being turned back on.

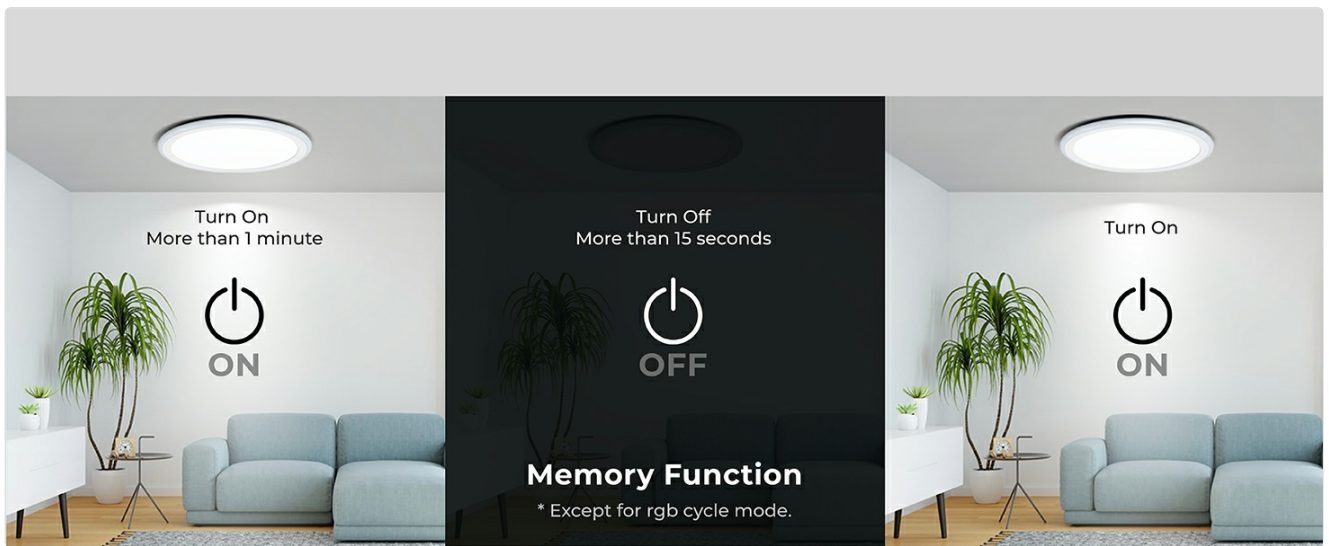


Figure 5.10: Memory Function. The light retains your last used settings for convenience.

- **Custom Scenes:**

Create and save your own custom lighting scenes through the app, combining different colors, brightness levels, and effects to match any occasion or mood.

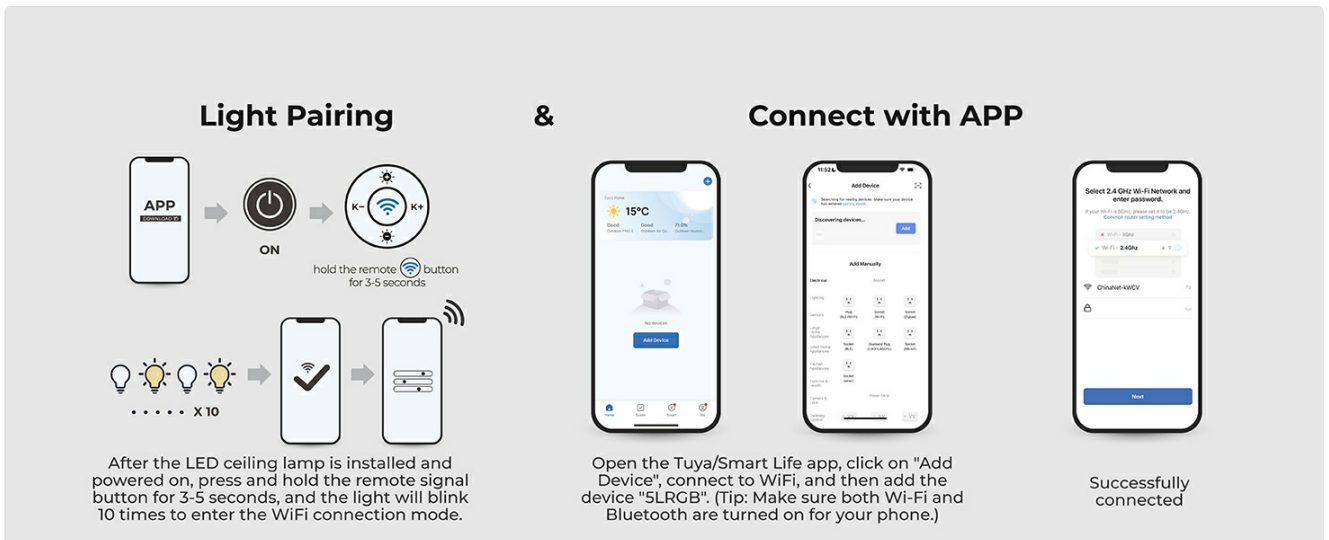


Figure 5.11: Versatile Scene Options. The light can adapt to various moods and activities, from relaxing to party settings.

6. MAINTENANCE

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

- **Cleaning:** Before cleaning, ensure the power is disconnected at the circuit breaker. Use a soft, dry cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or polishes as they may damage the finish or electrical components.
- **Bulb Replacement:** This fixture uses integrated LED lights and does not require bulb replacement.
- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

7. TROUBLESHOOTING

If you encounter issues with your BLNAN Smart RGB LED Ceiling Light, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose wiring, faulty switch.	Check circuit breaker. Ensure all wire connections are secure. Verify the wall switch is in the ON position.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi band (5G), incorrect password, Bluetooth not enabled, light not in pairing mode.	Ensure you are connected to a 2.4GHz Wi-Fi network (5G is not supported). Double-check Wi-Fi password. Enable Bluetooth on your phone. Long-press the Wi-Fi button on the remote for 3-5 seconds to enter pairing mode (light blinks 10 times).
Voice control not working.	Incorrect setup with Alexa/Google Home, network issues.	Ensure the light is properly linked to your Alexa or Google Home account via the Tuya/Smart Life app. Check your internet connection and the status of your smart speaker.
Light does not remember last setting.	Light turned off too quickly.	For the memory function to work, ensure the light remains on for more than 1 minute and is turned off for at least 15 seconds before being turned back on.
Music Sync not responsive.	Microphone sensitivity, app issue.	Ensure the app has microphone permissions. Adjust the microphone sensitivity setting within the app if available. Ensure music is playing clearly near the device running the app.

8. WARRANTY AND SUPPORT

BLNAN products are manufactured with high-quality materials and craftsmanship. For any questions, technical support, or warranty claims, please contact BLNAN customer service through the retailer's platform or the official BLNAN brand store. Please retain your proof of purchase for warranty validation. For more information and support, visit the official BLNAN Store:[BLNAN Store on Amazon](#)

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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

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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