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Kalium CL

Kalium 16-inch LED Flush Mount Ceiling Light Instruction Manual

Model: CL (XL090BA-SL)

1. Safety Information

Please read these instructions carefully before installation and retain them for future reference. Improper installation or use can lead to electrical shock, fire, or other hazards.

- **Electrical Safety:** Always turn off the power at the circuit breaker before beginning any electrical work. Ensure all wiring connections are secure and comply with local electrical codes. If you are unsure about electrical wiring, consult a qualified electrician.
- **Handling:** Handle the light fixture with care. Avoid dropping or subjecting it to strong impacts.
- **Environment:** This fixture is designed for indoor use only. Do not expose it to water or high humidity.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.

2. What's in the Box

Verify that all components are present before beginning installation:

- Ceiling Light Fixture
- Remote Control
- Mounting Hardware
- Instruction Manual

3. Product Overview

The Kalium 16-inch LED Flush Mount Ceiling Light is designed to provide versatile and efficient lighting for various indoor

spaces. It features adjustable color temperature, dimmable brightness, and convenient remote control operation.



The Kalium 16-inch LED Flush Mount Ceiling Light, showcasing its sleek design.

4. Setup and Installation

This fixture requires hardwired installation. Follow these steps carefully:

1. **Turn off Power:** Before starting, ensure the power to the circuit is turned off at the main circuit breaker.
2. **Prepare Wiring:** Connect the wires from the fixture to your household wiring using the provided wire nuts. Typically, black to black (live), white to white (neutral), and green/bare copper to green/bare copper (ground).
3. **Mount the Fixture:** Secure the mounting bracket to the ceiling junction box. Then, attach the light fixture to the mounting bracket using the provided screws.

4. **Install Lamp Shade:** Carefully install the lamp shade and any decorative rings, ensuring they are securely fastened.
5. **Restore Power:** Once installation is complete, restore power at the circuit breaker.



Visual guide illustrating the quick and easy installation process for the ceiling light.

Installation Video Guide

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This video demonstrates the installation process for the Kalium Ceiling Light Fixture, provided by Kalium Direct.

5. Operating Instructions

The Kalium LED Ceiling Light is operated using the included remote control. Ensure AAA batteries (not included) are inserted into the remote.

Remote Control Functions



The remote control for the Kalium LED Ceiling Light, showing various function buttons.

- **Power Button:** Turns the light on or off.
- **Brightness Adjustment:** Use the '+' and '-' buttons to increase or decrease brightness from 20% to 100%. Dedicated buttons for 20%, 50%, and 100% brightness are also available.
- **Color Temperature Adjustment:** Cycle through 3000K (Warm White), 4000K (Natural White), and 6000K (Cool White) using the dedicated buttons or the 'K+' and 'K-' buttons for fine-tuning.
- **Night Light Mode:** Activates a low brightness, warm light setting for comfortable nighttime illumination.

Operating Demonstration Video

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This video from Kalium Direct demonstrates the dimmable and color temperature adjustment features of the ceiling light using the remote control.

6. Features

Adjustable & Dimmable Lighting

Customize your lighting atmosphere with three distinct color temperature modes: 3000K (Warm White), 4000K (Natural White), and 6000K (Cool White). The brightness is smoothly dimmable from 20% to 100%, compatible with most home dimmers.



Illustration of the three adjustable color temperature settings: 3000K Warm Light, 4000K Natural White, and 6000K Cold White.



Visual representation of the dimmable brightness range from 20% to 100% using the remote control.

Energy Efficiency & Long Lifespan

Equipped with high-quality, durable LED lamp beads, this fixture delivers 3200 lumens of brightness while consuming only 32W. With an estimated lifespan of over 43,000 hours, it reduces the need for frequent replacements and lowers electricity costs.

High Color Rendering Index (CRI 90+)

A CRI of over 90 ensures that colors are rendered accurately and vibrantly, making objects appear closer to their true, natural colors.



Comparison showing how a CRI 90+ light accurately presents colors compared to lower CRI lights.

Flicker-Free Illumination

The LED lamp beads are designed to be flicker-free, protecting your eyes from harsh and glaring light, providing a comfortable visual experience.



Demonstration of the flicker-free operation of the Kalium LED Ceiling Light compared to a flickering light source.

Night Light Mode

Activate the night light mode for a low brightness, warm light setting, ideal for creating a peaceful and comfortable environment for sleep or relaxation.



The ceiling light operating in Night Light Mode, providing a soft, warm glow in a bedroom.

Feature Demonstration Video

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This video from Kalium Direct highlights the flicker-free and energy-saving aspects of the LED Ceiling Light Fixture.

7. Maintenance

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

- **Cleaning:** Always turn off the power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Avoid using harsh chemicals, abrasive cleaners, or sprays directly on the light.
- **Inspection:** Periodically check the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified technician.
- **No User-Serviceable Parts:** The LED components are integrated and not user-replaceable. Do not attempt to disassemble the light fixture.

8. Troubleshooting

If you encounter issues with your Kalium LED Ceiling Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty remote control battery.	Check circuit breaker. Ensure wiring connections are secure. Replace remote control batteries.
Remote control not working	Batteries drained or incorrectly inserted; Remote out of range; Obstruction between remote and light.	Replace batteries (AAA required). Ensure remote is within 33 feet of the light. Remove any obstructions.
Light flickers or dims unexpectedly	Unstable power supply; Incompatible dimmer switch (if applicable).	Ensure stable power. This light is compatible with most dimmers, but if issues persist, consult an electrician.
Incorrect color temperature or brightness	Incorrect remote setting.	Use the remote control to adjust to the desired color temperature and brightness.

If the problem persists after attempting these solutions, please contact Kalium customer support.

9. Specifications

Feature	Detail
Brand	Kalium
Model Number	CL (XL090BA-SL)
Size	16 inches (16"L x 16"W x 3.25"H)
Color	Silver
Material	Aluminum, Plastic, Acrylic (Shade)

Feature	Detail
Light Source	LED
Wattage	32 Watts (Note: JSON lists 36 watts, using 32W from title for consistency)
Brightness	3200 Lumens (Varies with adjustable settings: 20%, 50%, 100%)
Color Temperature	3000K-6000K (Adjustable: Warm White, Natural White, Cool White)
Control Method	Remote Control
Voltage	120 volts AC
Installation Type	Flush Mount, Hardwired
Indoor/Outdoor Usage	Indoor
Certification	ETL Certified

10. Warranty and Support

Kalium provides a **2-year warranty** for all product quality issues. For technical support, troubleshooting assistance, or warranty claims, please contact Kalium customer service through your purchase platform or the official Kalium website.

Please have your model number (CL or XL090BA-SL) and proof of purchase ready when contacting support.

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