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› **CANMEIJIA 12-inch 24W LED Flush Mount Ceiling Light Fixture with Remote Control (Model: ZM-2.4G-XDD-FBA) - User Manual**

CANMEIJIA ZM-2.4G-XDD-FBA

CANMEIJIA 12-inch 24W LED Flush Mount Ceiling Light Fixture with Remote Control (Model: ZM-2.4G-XDD-FBA) - User Manual

Model: ZM-2.4G-XDD-FBA | Brand: CANMEIJIA

1. PRODUCT OVERVIEW

This manual provides instructions for the CANMEIJIA 12-inch 24W LED Flush Mount Ceiling Light Fixture. This ultra-thin fixture offers versatile lighting options, including adjustable color temperature (2700K-6500K), stepless dimming (10%-100%), a dedicated night light mode, and a 30-minute timing feature. It is designed for indoor use and can be controlled via a 2.4G remote control or a smart application.

Image 1.1: The CANMEIJIA 12-inch LED Flush Mount Ceiling Light Fixture, showcasing its sleek design and remote control functionality.

Key Features:

- **Smart Control:** Operates with a 2.4G remote control and a smart application, allowing control through walls up to 20 meters away.
- **Flexible Lighting:** Adjustable color temperature from 2700K (Warm White) to 6500K (Daylight White) and stepless dimming from 10% to 100%.
- **Night Light Mode:** Provides a gentle glow, ideal for bedrooms, offering comfort and reducing fear of darkness.
- **30-Minute Timing:** Convenient auto-off function via remote control, allowing the light to gradually dim and turn off after 30 minutes.
- **High Efficiency:** 24W LED with 2520 lumens output, equivalent to a 240W incandescent lamp, offering energy savings and a long service life of up to 30,000 hours.
- **Durable Design:** Made from high-quality PC material, dust-proof, sealed, anti-corrosion, and designed for high heat dissipation.

2. SAFETY INSTRUCTIONS

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

- **Electrical Safety:** Always turn off the power at the circuit breaker or fuse box before installing, cleaning, or servicing the fixture.
- **Qualified Electrician:** If you are unsure about the installation process, consult a qualified electrician.
- **Wiring:** Ensure all electrical connections are made according to local codes and ordinances. Connect the neutral wire ("N") to the blue wire and the live wire ("L") to the brown/red wire.
- **Mounting:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.
- **Indoor Use Only:** This fixture is designed for indoor use in dry locations. Do not expose to water or moisture.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Children:** Keep the remote control and small parts out of reach of children.

3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- 1 x CANMEIJIA LED Ceiling Light Fixture
- 1 x Remote Control (AAA battery not included)
- 1 x Mounting Hardware Kit
- 1 x Instruction Manual (this document)

4. INSTALLATION GUIDE

Follow these steps to install your CANMEIJIA LED Ceiling Light Fixture. Ensure power is OFF at the circuit breaker before starting.

Step 1: Prepare the Fixture

Carefully remove the mounting base from the light fixture by twisting it counter-clockwise. This base will be secured to the ceiling first.

Image 4.1: View of the light fixture's mounting base and dimensions. The remote control requires AAA batteries, which are not included.

Step 2: Secure the Mounting Base

Align the mounting base with the junction box on your ceiling. Use the provided screws and anchors (if necessary for drywall) to securely attach the base to the ceiling. Ensure the base is firmly fixed.

OUR	OTHERS
✓ Color: 3 color modes	✗ Color: 1 color modes
✓ Controller Type: Remote Control&APP Control	✗ Controller Type: No
✓ Thickness: 0.9in	✗ Thickness: 2.5in
✓ Power: 24W	✗ Power: 12W
✓ Lumen: 2520LM	✗ Lumen: 800LM
✓ Eye protection: Yes	✗ Eye protection: No
✓ Dimming: 10%-100% Dimming	✗ Dimming: 3 slopes Dimming

Image 4.2: Visual guide for securing the base plate and connecting wires. Step 1 shows securing the base plate with screws. Step 2 shows connecting the cables and covering the lamp cap. Step 3 shows pushing wire nuts upwards. Step 4 shows rotating the lamp clockwise onto the base plate to finish installation.

Step 3: Connect Electrical Wires

Connect the household electrical wires to the wires from the light fixture using the provided wire nuts. Typically, the neutral wire (usually white or blue) connects to the fixture's neutral wire, and the live wire (usually black or brown/red) connects to the fixture's live wire. Ensure connections are secure and insulated.

Step 4: Attach the Light Fixture

Carefully push the connected wires and wire nuts into the junction box. Align the light fixture with the secured mounting base and twist it clockwise until it locks firmly into place. Ensure there are no gaps between the fixture and the ceiling.

Step 5: Restore Power

Once the fixture is securely installed, restore power at the circuit breaker. The light fixture is now ready for operation.

5. OPERATING INSTRUCTIONS

The CANMEIJIA LED Ceiling Light can be controlled using the included 2.4G remote control or a smart application.

5.1 Remote Control Functions

Insert two AAA batteries (not included) into the remote control. The remote allows you to adjust various settings:

Image 5.1: The remote control and its various functions, including power, brightness adjustment, color temperature adjustment, night light mode, and 30-minute timer.

- **Power On/Off:** Press the **Power** button to turn the light on or off.
- **Brightness Adjustment:** Use the **Brightness Up** and **Brightness Down** buttons to adjust the light intensity from 10% to 100%.
- **Color Temperature Adjustment:** Use the **Color Temperature Up** and **Color Temperature Down** buttons to cycle through or fine-tune color temperatures from 2700K (Warm White) to 6500K (Daylight White).
- **Preset Color Temperatures:** Dedicated buttons for Warm White (2700K), Natural White (4000K), and Cool White (6500K) may be available.
- **Night Light Mode:** Press the **Night Light** button to activate a low-intensity, warm light setting.
- **30-Minute Timer:** Press the **30 MIN OFF** button to activate a timer that gradually dims and turns off the light after 30 minutes.

3 Color Temperature: 6500K-2700K

Stepless Dimming: 10%-100%

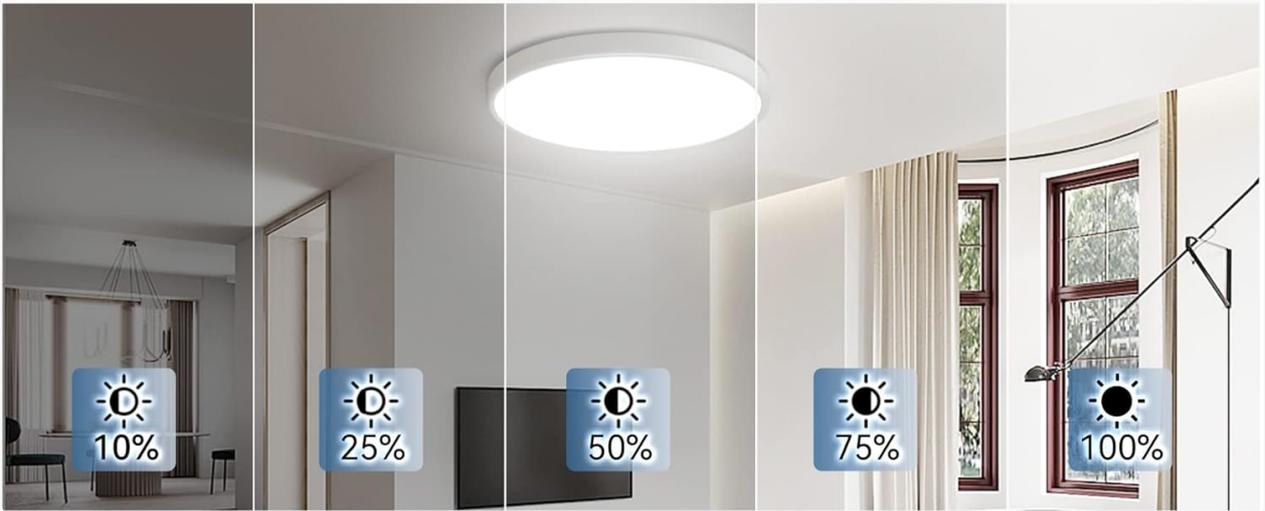10% — 100%

10% 25% 50% 75% 100%

Image 5.2: Demonstrates the three color temperature options (6500K, 4000K, 2700K) and stepless dimming from 10% to 100% brightness.

Image 5.3: Illustrates the Night Light Mode and the 30-minute dimming off feature, designed to aid sleep.

5.2 Smart Application Control

The fixture also supports control via a smart application. Refer to the application's specific instructions for pairing and operation. The app typically offers similar controls to the remote, including brightness, color temperature, and scheduling features.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your LED ceiling light.

- **Cleaning:** Before cleaning, ensure the power is turned off. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or sprays directly on the fixture.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture has a long lifespan of approximately 30,000 hours.
- **Inspection:** Periodically check for any loose connections or damage. If any issues are found, turn off the power and consult a qualified technician.

7. TROUBLESHOOTING

If you encounter issues with your CANMEIJIA 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; remote control battery dead.	Check circuit breaker. Ensure wires are securely connected. Replace remote control batteries.
Remote control not working.	Batteries are dead or incorrectly inserted; remote not paired.	Replace batteries (AAA). Ensure correct polarity. Refer to remote pairing instructions (usually involves turning light on/off and pressing a button on the remote within a few seconds).
Light flickers or dims unexpectedly.	Unstable power supply; loose connection; incompatible dimmer switch (if applicable).	Check power supply stability. Verify all wiring connections. This fixture is designed for its own remote/app dimming; do not use with external dimmer switches unless specified.
Cannot change color temperature or brightness.	Remote control issue; light in a fixed mode.	Ensure remote batteries are good. Try resetting the light by turning it off and on at the wall switch.

8. SPECIFICATIONS

Feature	Detail
Brand	CANMEIJIA
Model Number	ZM-2.4G-XDD-FBA
Power Source	Corded Electric
Wattage	24 Watts

Feature	Detail
Brightness	2520 Lumens
Efficiency	105 lumens per watt
Color Temperature	2700K (Warm White) - 6500K (Daylight White)
Dimming	Stepless, 10% - 100%
Control Method	Remote Control, Smart App
Material	Plastic
Product Dimensions	11.8"L x 11.8"W x 0.9"H (12-inch diameter)
Item Weight	1.79 Pounds
Average Life	30,000 Hours
Color Rendering Index (CRI)	90.00
Installation Type	Flush Mount
Indoor/Outdoor Usage	Indoor
Remote Control Batteries	2x AAA (not included)

9. WARRANTY AND SUPPORT

CANMEIJIA products come with a limited warranty. For specific warranty details, please refer to the warranty card included with your product or contact CANMEIJIA customer support.
If you require technical assistance or have questions regarding your product, please contact CANMEIJIA customer support through the retailer where the product was purchased or visit the official CANMEIJIA website for contact information.