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LED Flying Direct B09ZTYR4RN

LED Flying Direct 6-Inch Ultra-Thin LED Recessed Lights User Manual

Model: B09ZTYR4RN

INTRODUCTION

Thank you for choosing LED Flying Direct 6-Inch Ultra-Thin LED Recessed Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixtures. Please read these instructions thoroughly before installation and retain them for future reference.

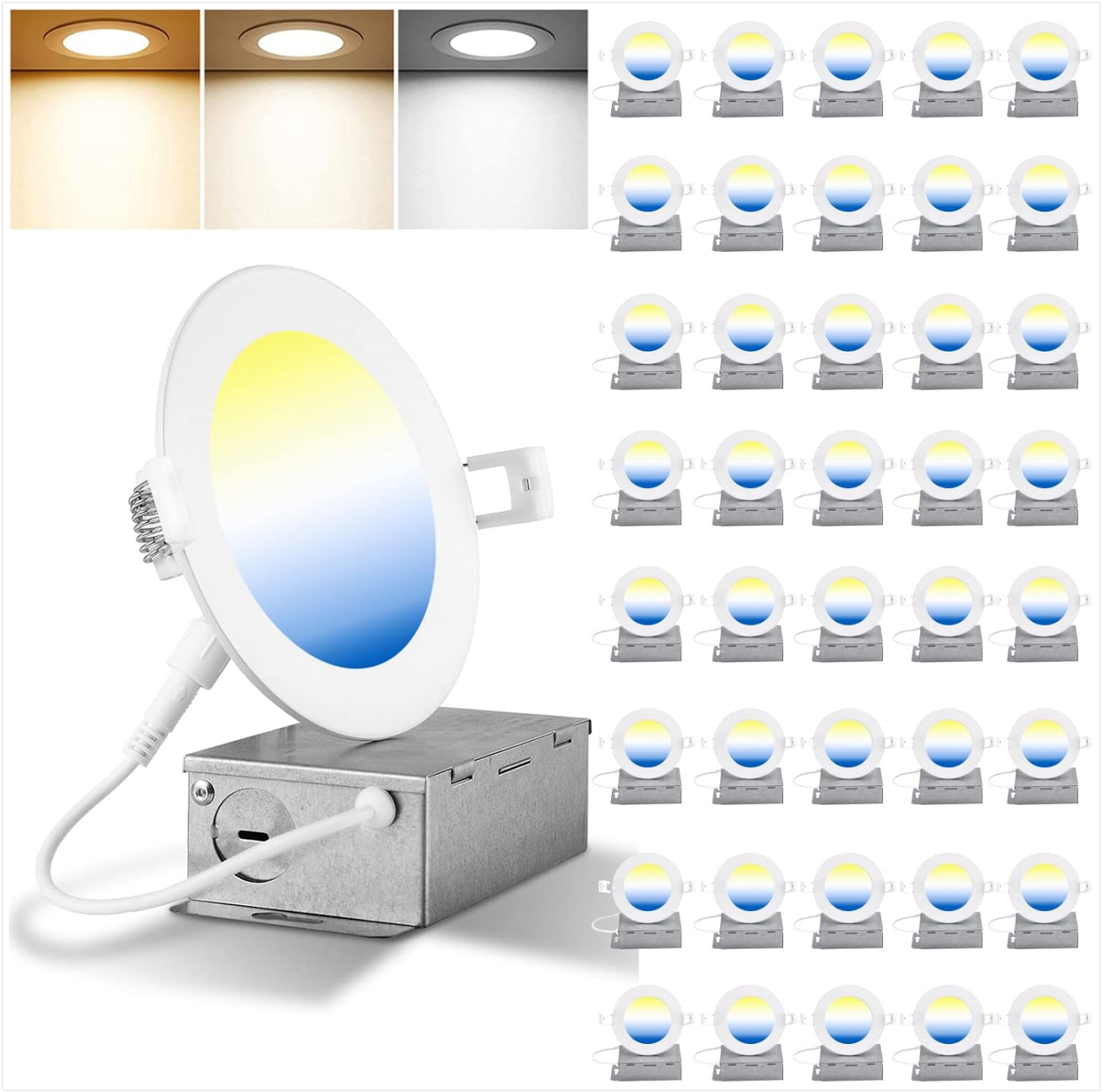

Image: Overview of the 6-inch ultra-thin LED recessed light and its accompanying junction box.

Safety Information

Always follow basic safety precautions when installing and operating electrical equipment. This product is designed for indoor use. Ensure power is disconnected before installation or maintenance.

- **Electrical Safety:** Installation should be performed by a qualified electrician or a person with sufficient electrical knowledge.
- **Power Disconnection:** Always turn off the power at the circuit breaker before beginning any installation or maintenance.
- **Compatibility:** Ensure the voltage supply matches the fixture's requirements (130 Volts AC).
- **Certifications:** This LED recessed light is IC-rated, ETL, and FCC certified. The junction box is UL certified. This allows for direct contact with insulation in the ceiling.
- **Thermal Protection:** The junction box is thermally protected to prevent overheating.



Image: Display of product certifications including ETL, IC Rated, and Energy Star, highlighting safety and quality.

Setup and Installation

These ultra-thin LED downlights are designed for easy installation without the need for traditional recessed cans, making them ideal for spaces with limited ceiling clearance.

Tools Required:

- Hole Saw (matching the fixture size)
- Wire Strippers
- Screwdriver
- Measuring Tape
- Pencil

Installation Steps:

1. **Turn Off Power:** Ensure the power supply to the installation area is completely turned off at the circuit breaker.

2. **Cut Hole:** Use the provided 1:1 hole template to mark and cut a 6 1/16-inch hole in the ceiling.
3. **Connect Wiring:** Open the junction box cover. Connect the house wiring (live, neutral, ground) to the corresponding wires inside the junction box using wire nuts. Ensure all connections are secure.
4. **Secure Junction Box:** Place the junction box through the cut-out hole into the ceiling.
5. **Connect Fixture to Junction Box:** Connect the male/female cables from the LED fixture to the junction box. Ensure the connection is firm.
6. **Insert Fixture:** Push the spring-loaded clips on the LED fixture upwards and insert the fixture into the ceiling hole. The clips will automatically secure the fixture against the ceiling.
7. **Restore Power:** Turn the power back on at the circuit breaker.



Image: Visual guide illustrating the four simple steps for installing the recessed light: cut hole, connect wires, connect fixture, and secure with clips.



Image: Exploded view showing the clear mirror, aluminum body, snap springs, wire nuts, and IC-rated slim junction box for space-saving installation.

Operating Instructions

Your LED Flying Direct recessed lights offer adjustable brightness and color temperature to suit various preferences and environments.

Dimmable Functionality:

These lights are designed for seamless and smooth dimming, compatible with most standard dimmers. The brightness can be adjusted from 5% to 100% to create the desired ambiance.



Image: Illustration demonstrating the 5% to 100% dimming capability of the LED recessed lights, compatible with most dimmers.

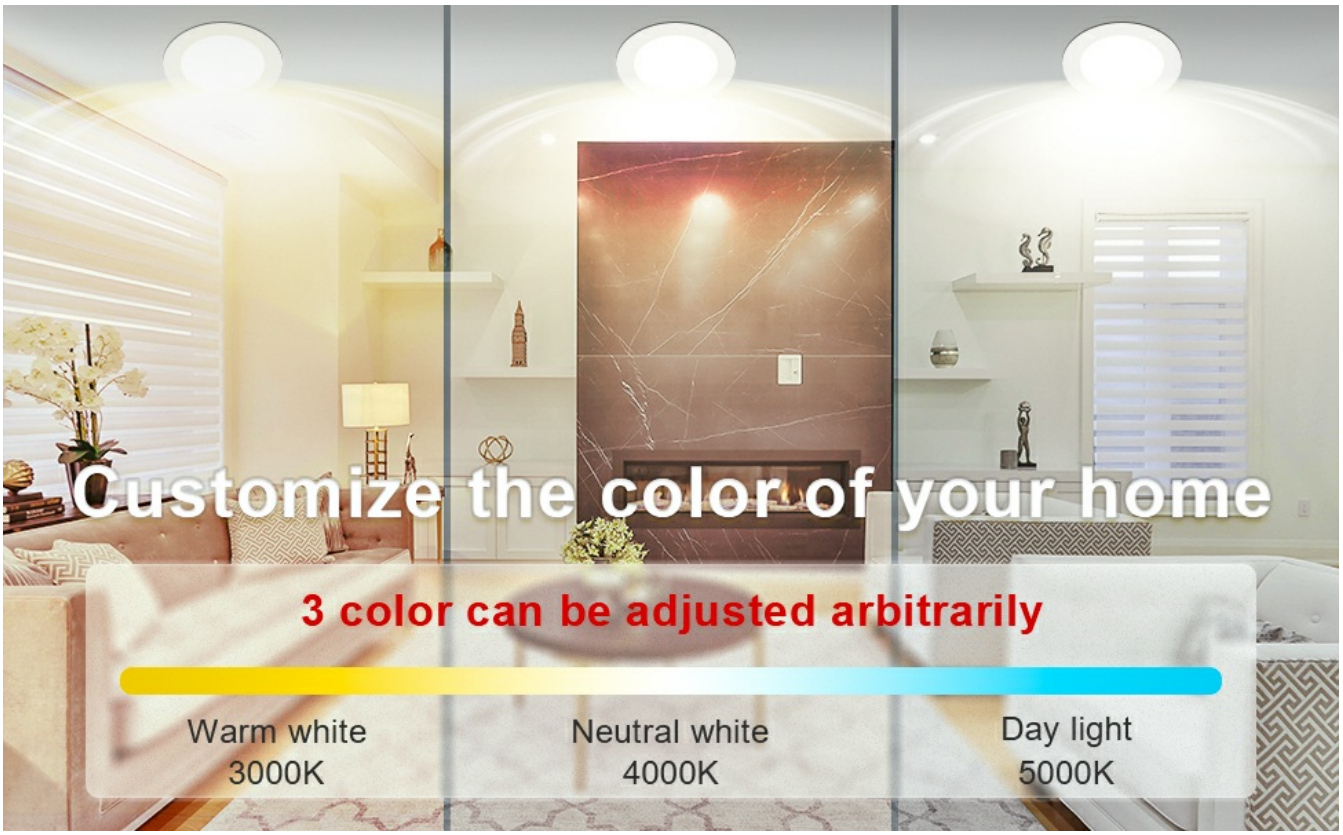

Image: Visual representation of customizing brightness from 100% to 5% using a dimmer switch.

Color Temperature Selection (3CCT):

The lights feature 3 selectable color temperatures: 3000K (Warm White), 4000K (Cool White), and 5000K (Daylight). You can choose the desired color temperature to match your mood or decor. The selection is typically made via a switch on the junction box or the fixture itself prior to installation.

- **3000K (Warm White):** Provides a comfortable and cozy atmosphere.
- **4000K (Cool White):** Offers a bright and neutral atmosphere.
- **5000K (Daylight):** Delivers an energizing and vibrant atmosphere.

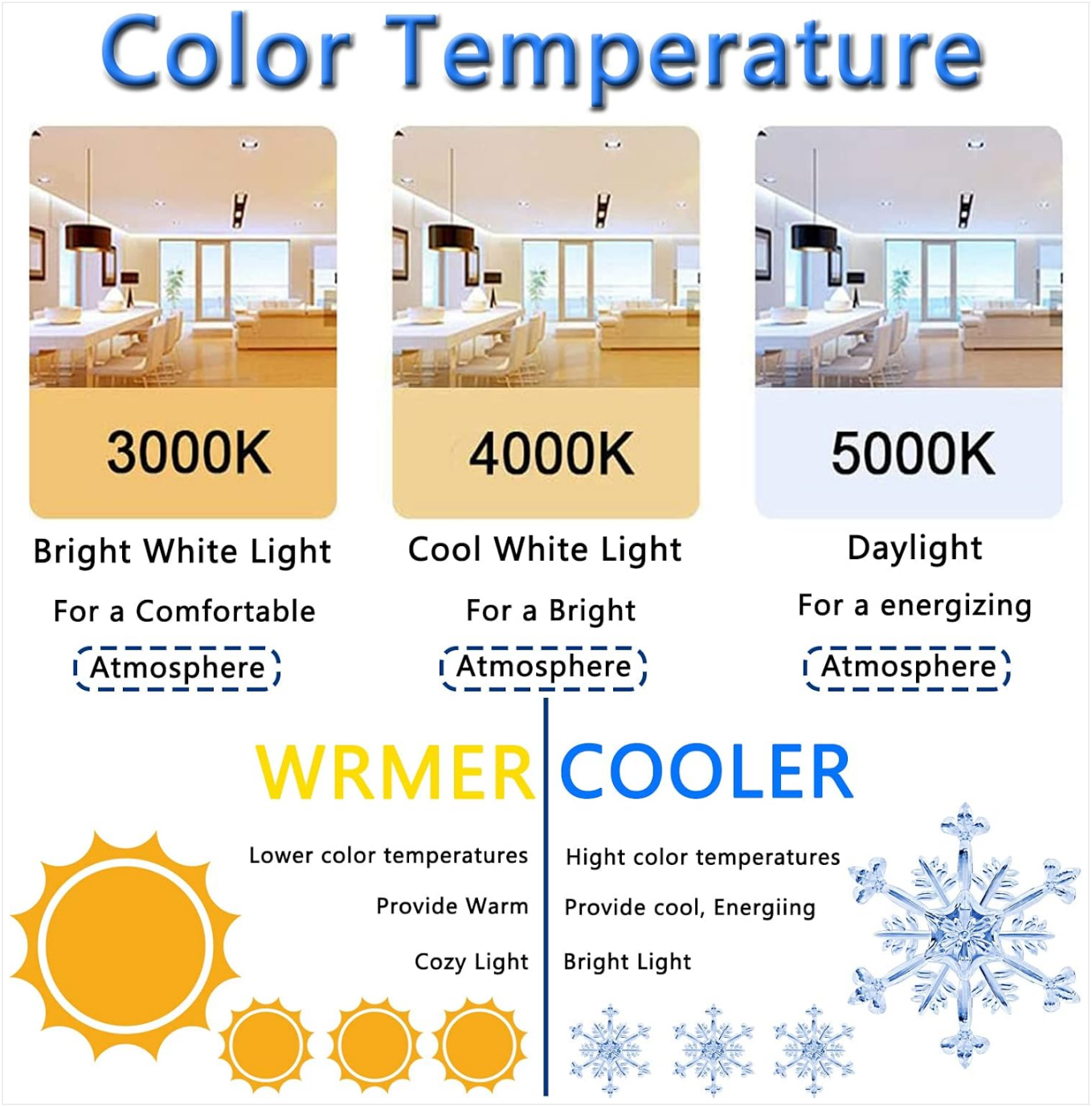

Image: Comparison of 3000K (Bright White), 4000K (Cool White), and 5000K (Daylight) color temperatures and their recommended uses.

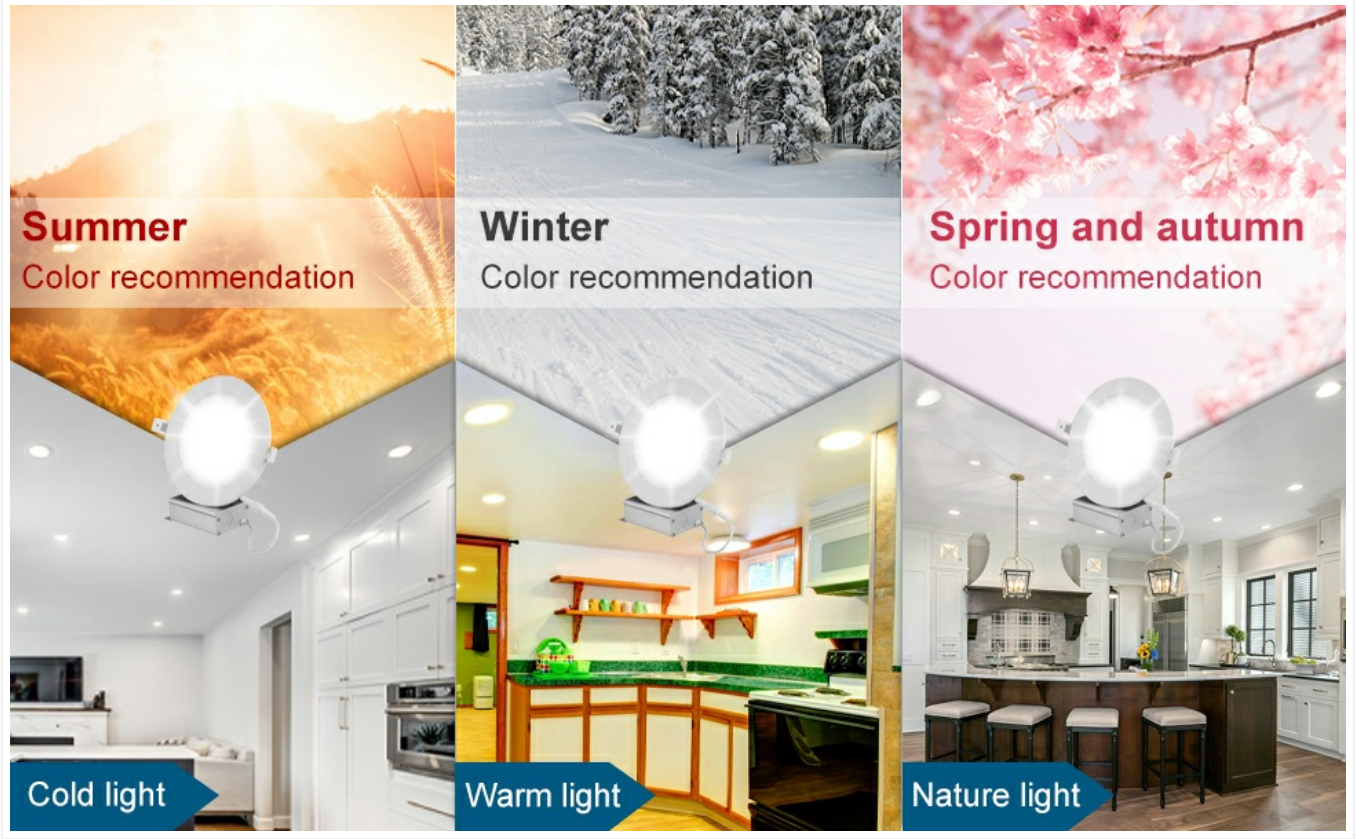

Image: Illustrates how to customize the color temperature of your home with options for Warm White (3000K), Neutral White (4000K), and Daylight (5000K).

Maintenance

LED Flying Direct recessed lights are designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Gently wipe the fixture with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture has an average life of 50,000 hours.

Troubleshooting

If you encounter issues with your LED recessed lights, please refer to the following common solutions:

- **Light Not Turning On:**
  - Check if the power switch is on.
  - Verify the circuit breaker has not tripped.
  - Ensure all wiring connections in the junction box are secure.
- **Flickering Light:**
  - Confirm the dimmer switch is compatible with LED lights.
  - Check for loose wiring connections.
- **Incorrect Color Temperature:**
  - Ensure the CCT selection switch on the fixture or junction box is set to the desired temperature before installation.

If the problem persists after attempting these steps, please contact LED Flying Direct customer support for assistance.

SPECIFICATIONS

Feature	Specification
Brand	LED Flying Direct
Model	B09ZTYR4RN
Size	6 Inch
Wattage	12 Watts (equivalent to 95W incandescent)
Brightness	960 Lumens
Color Temperature	3000K / 4000K / 5000K Selectable
Dimmability	5% - 100% Dimmable
Color Rendering Index (CRI)	80+
Average Life	50,000 Hours
Voltage	130 Volts (AC)
Material	Aluminum
Product Dimensions	6.85"L x 6.85"W x 2.5"H
Certifications	ETL, FCC, IC Rated, Energy Star, UL (junction box)
Indoor/Outdoor Usage	Indoor
Included Components	Mounting Hardware



Image: Comparison highlighting the product's 960 Lumens and 12 Watts consumption versus other products, emphasizing high brightness and energy efficiency.

Warranty

LED Flying Direct provides a **5-year warranty** for these LED recessed lights. This warranty covers any defects in materials or workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For any technical questions, design consultation, installation assistance, or warranty inquiries, please feel free to contact LED Flying Direct customer support. Refer to the product packaging or the official LED Flying Direct website for contact information.

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

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