

Lotus LED Lights LL2G-30K-WH

Lotus LED Lights 2-inch Round Gimbal LED Downlight (LL2G-30K-WH) Instruction Manual

Model: LL2G-30K-WH

INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Lotus LED Lights 2-inch Round Gimbal LED Downlight, Model LL2G-30K-WH. Please read these instructions thoroughly before beginning installation and retain them for future reference.

SAFETY INFORMATION

WARNING: Risk of Fire or Electric Shock

- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure power is turned OFF at the circuit breaker before installation or servicing.
- Do not alter, relocate, or remove any components of the fixture.
- Do not connect to a dimmer switch unless the dimmer is specifically rated for LED lighting. Consult the dimmer manufacturer for compatibility.
- This product is suitable for wet locations and Type IC (Insulation Contact) applications.
- Operating temperature range: -20°C to 40°C (-4°F to 104°F).

PACKAGE CONTENTS

Verify that all components are present and undamaged before installation:

- 1 x 2-inch Round Gimbal LED Downlight
- 1 x LED Driver (External)
- 3 x Quick Connectors (Wago-style)



Image: All components included in the package, showing the 2-inch round gimbal LED downlight, its external LED driver, and three quick connectors for wiring.

SETUP AND INSTALLATION

Follow these steps for proper installation of your recessed downlight:

1. **Prepare the Installation Area:** Turn off power at the circuit breaker. Determine the desired location for the downlight. Ensure there is sufficient clearance above the ceiling for the fixture and driver.
2. **Cut the Ceiling Hole:** Using a hole saw, cut a circular opening in the ceiling. Refer to the dimensions provided in the specifications section for the exact hole size required (typically 2.5 inches for this 2-inch fixture).



Available Trims



White



Black



Brushed Nickel



Image: Technical drawing illustrating the dimensions of the 2-inch LED downlight and its separate driver, including the required ceiling cut-out diameter.

3. **Connect the LED Driver:** Open the junction box cover on the LED driver. Connect the household electrical wires (Live, Neutral, Ground) to the corresponding terminals inside the driver using the provided quick connectors. Ensure all connections are secure. Close the junction box cover.
4. **Connect Fixture to Driver:** Connect the male connector from the downlight fixture to the female connector on the LED driver. Ensure the connection is firm and fully seated.



Image: Rear view of the downlight, highlighting the spring-loaded clips used for securing the fixture in the ceiling and the connector for the LED driver.

5. **Insert the Fixture:** Gently push the spring-loaded clips on the sides of the downlight upwards and insert the fixture into the prepared ceiling hole. The clips will spring back down to hold the fixture securely in place. Ensure the fixture is flush with the ceiling surface.



Image: The 2-inch round gimbal LED downlight with its white trim, ready for installation or showing its installed appearance.

6. **Restore Power:** Once the fixture is securely installed, restore power at the circuit breaker.

OPERATING INSTRUCTIONS

The Lotus LED Lights 2-inch Round Gimbal LED Downlight operates like a standard light fixture. Once installed and powered, it can be controlled via a wall switch or compatible dimmer switch.

- **Turning On/Off:** Use the connected wall switch to turn the light fixture on or off.
- **Adjusting Light Direction:** The gimbal design allows for directional light adjustment. Gently tilt the inner light module to direct the light beam as desired.

MAINTENANCE

This LED downlight is designed for long-term, maintenance-free operation. No user-serviceable parts are inside the fixture or driver.

- **Cleaning:** To clean the fixture, ensure power is off. Use a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Lamp Replacement:** The LED light source is integrated and not replaceable. The fixture is designed for a long operational life of approximately 50,000 hours.

TROUBLESHOOTING

If you encounter issues with your downlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Loose wiring connection. Faulty switch.	Check circuit breaker. Verify all wiring connections are secure (ensure power is off first). Test the switch with another device.

Problem	Possible Cause	Solution
Light flickers.	Incompatible dimmer switch. Loose wiring.	Ensure dimmer is LED compatible. Check wiring connections (ensure power is off first).
Light output is low.	Incorrect voltage. Fixture defect.	Verify input voltage matches specifications. Contact customer support if problem persists.

SPECIFICATIONS

Feature	Specification
Model Number	LL2G-30K-WH
Brand	Lotus LED Lights
Light Source Type	LED
Wattage	5W
Lumen Output	400 Lumens
Color Temperature	3000K (Warm White)
Color Rendering Index (CRI)	92
Beam Angle	24 Degrees
Fixture Form	Recessed, Gimbal
Trim Color	White
Material	Nickel
Installation Type	Flush Mount
Indoor/Outdoor Usage	Outdoor (Wet Location Rated)
Power Source	Corded Electric
Rated Life	50,000 hours
Certifications	cULus Listed, Energy Star, Title 24 Compliant
UPC	648044943497

WARRANTY INFORMATION

Lotus LED Lights products are typically covered by a manufacturer's limited warranty. For specific warranty terms and conditions applicable to your LL2G-30K-WH downlight, please refer to the official Lotus LED Lights website or contact their customer support directly. Retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Lotus LED Lights customer support:

- **Website:** Visit the official Lotus LED Lights website for FAQs and contact information.
- **Contact:** Refer to the product packaging or manufacturer's website for phone numbers or email addresses.

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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