

VOLISUN 21363ZM

VOLISUN 6-inch 5CCT Ultra-Thin LED Recessed Lighting Instruction Manual

Model: 21363ZM

1. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Failure to do so may result in electric shock, fire, or other injuries that could be hazardous or even fatal. Keep these instructions for future reference.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Ensure all electrical connections are made correctly and in accordance with local codes and ordinances.
- Do not modify the fixture. Any modifications may render the product unsafe and void the warranty.
- Suitable for damp locations.
- IC rated, meaning the junction box is thermally protected and suitable for direct contact with insulation.

2. PRODUCT OVERVIEW

The VOLISUN 6-inch Ultra-Thin LED Recessed Lighting offers versatile illumination with adjustable color temperature and dimming capabilities. Designed for easy installation, these fixtures are energy-efficient and certified for safety and performance.

Key Features:

- **5 Color Temperature (5CCT):** A 5-position switch on the junction box allows selection of five color temperatures: 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Cool White), and 5000K (Daylight). This feature allows users to customize the lighting ambiance.
- **High Brightness & Energy Saving:** 1080 lumens output with only 13 watts power consumption, nearly equivalent to a 120W halogen lamp. Energy Star certified for significant energy savings.
- **Smooth Dimmability:** The lights are 100%-5% smoothly dimmable, offering flicker-free and noise-free operation. They are compatible with most standard dimmers.
- **Ultra-Thin Design:** Requires only 2 inches of ceiling space, suitable for various ceiling types and joists.
- **Safety Certifications:** The fixture is IC rated, ensuring the junction box is thermally protected and safe for direct

contact with insulation. It is ETL/UL certified, confirming adherence to high safety and quality standards, including UL-certified wire terminals.

5 CCT in One

Choose the ambience you like



Figure 2.1: Illustration of 5 selectable color temperatures (2700K, 3000K, 3500K, 4000K, 5000K) and their effect on room ambience.

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Video 2.1: Overview of the 5CCT LED Recessed Lighting, showcasing different sizes and features.

3. SETUP AND INSTALLATION

Follow these steps for safe and proper installation of your VOLISUN recessed lighting fixture. Ensure power is disconnected before starting.

1. **Prepare the Ceiling:** Use the provided 1:1 hole template to mark and cut a hole in the ceiling. The fixture requires a minimum of 2 inches of ceiling space.
2. **Connect Wiring:** Open the junction box (J-box). Connect the household electrical wires to the corresponding wires in the J-box (black to black, white to white, ground to ground). Secure connections with wire nuts or push-in

connectors as appropriate. Ensure all connections are tight and secure.

3. **Connect Light Panel:** Connect the cable from the light panel to the J-box. Ensure the connection is firm.
4. **Select Color Temperature:** Before mounting, locate the 5CCT switch on the side of the J-box. Slide the switch to your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).
5. **Mount Light:** Gently push the spring clips on the sides of the light panel upwards and insert the fixture into the ceiling hole. The clips will secure the light in place.
6. **Restore Power:** Once all fixtures are installed, restore power at the circuit breaker.



Figure 3.1: Visual guide for the four-step installation process: Cut a hole, connect wiring, connect light panel, and mount light.



Figure 3.2: Demonstration of the light's compatibility with various ceiling thicknesses, including soffit, single drywall, and double drywall.

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Video 3.1: Detailed installation video for the VOLISUN 5CCT LED Recessed Light.

4. OPERATING INSTRUCTIONS

Your VOLISUN recessed lights are designed for ease of use and customization.

- **Color Temperature Selection:** The color temperature (CCT) is set using a switch on the side of the J-box before installation. If you wish to change the CCT after installation, you will need to carefully remove the fixture to access the switch.
- **Dimming Function:** These lights are compatible with most standard LED dimmers (100%-5% dimmable). Use a compatible dimmer switch to adjust the brightness level to your preference. Ensure the dimmer is suitable for LED lighting to prevent flickering or damage.



Figure 4.1: Visual representation of the 5%-100% stepless dimming capability without flickering.

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Video 4.1: Demonstration of the smooth dimming capability and compatibility with various dimmer switches.

5. MAINTENANCE

VOLISUN LED recessed lights are designed for long-term, maintenance-free operation. However, general care can help preserve their appearance and performance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture has a long lifespan of approximately 50,000 hours.
- **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.

6. TROUBLESHOOTING

If you encounter issues with your VOLISUN recessed lighting, 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 or dimmer.	Check circuit breaker and wall switch. Ensure all wire connections in the J-box are secure. Test with a known working switch or bypass the switch temporarily (consult an electrician).
Light flickers or hums.	Incompatible dimmer switch. Loose wiring. Voltage fluctuations.	Replace with an LED-compatible dimmer. Check all wiring connections. Consult an electrician to check household voltage.
Incorrect color temperature.	CCT switch set incorrectly.	Carefully remove the fixture and adjust the CCT switch on the J-box to the desired setting.

If the problem persists after trying these solutions, please contact VOLISUN customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	VOLISUN
Model Number	21363ZM
Size	6 INCH
Color	White
Material	Acrylonitrile Butadiene Styrene, Aluminum
Light Fixture Form	Recessed
Wattage	13 watts
Brightness	1080 lumens
Voltage	110 volts
Color Temperature	2700K/3000K/3500K/4000K/5000K (Selectable)
Dimmability	100%-5% Smoothly Dimmable
Certifications	ETL, UL, Energy Star, IC Rated
Indoor/Outdoor Usage	Indoor (Damp location available)
Item Dimensions (L x W x H)	6.8"L x 6.8"W x 0.47"H

Feature	Detail
Item Weight	17.8 pounds (for the pack)
Lifespan	50,000 hours



Figure 7.1: Product dimensions of the VOLISUN 6-inch recessed light and its driver.

8. WARRANTY AND SUPPORT

VOLISUN stands behind its products with a comprehensive warranty and dedicated customer support.

- **Warranty:** This product comes with a 5-year service warranty. This covers defects in materials and workmanship under normal use.
- **Customer Support:** For any questions, concerns, or technical assistance, please contact VOLISUN customer service. Refer to your purchase documentation for contact details or visit the official VOLISUN website.



Figure 8.1: VOLISUN's commitment to a 5-year warranty and customer support.

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