Ensenior 6I-5000K-12PACK

Ensenior 6 Inch LED Recessed Light

User Manual

Model: 6I-5000K-12PACK

1. Introduction

Thank you for choosing Ensenior 6 Inch LED Recessed Lights. These ultra-thin, canless wafer lights are designed for high brightness and energy efficiency, providing 1050 lumens of 5000K Daylight illumination while consuming only 12 watts. They are IC rated, ETL, and FCC certified, ensuring safety and reliability for various indoor applications, including kitchens, bathrooms, bedrooms, living rooms, and dining rooms. This manual provides essential information for safe installation, operation, and maintenance of your new lighting fixtures.



Figure 1: Ensenior 12-pack of 6-inch LED recessed lights with junction boxes.

2. What's in the Box

- Recessed Light (12 units)
- Junction Box (12 units)
- Cutting Template (1 unit)
- Instruction Manual (1 unit)

3. Specifications

Feature	Description
Brand	Ensenior

Model	6I-5000K-12PACK
Color Temperature	5000K Daylight
Brightness	1050 Lumens
Wattage	12 Watts
Voltage	120 Volts
Dimmable	5%-100% Smooth Dimming
Lifespan	50,000 Hours
Material	Aluminum
Product Dimensions	6.69"L x 6.69"W x 0.94"H
Certifications	IC Rated, ETL, FCC, Energy Star
Damp Rated	Yes

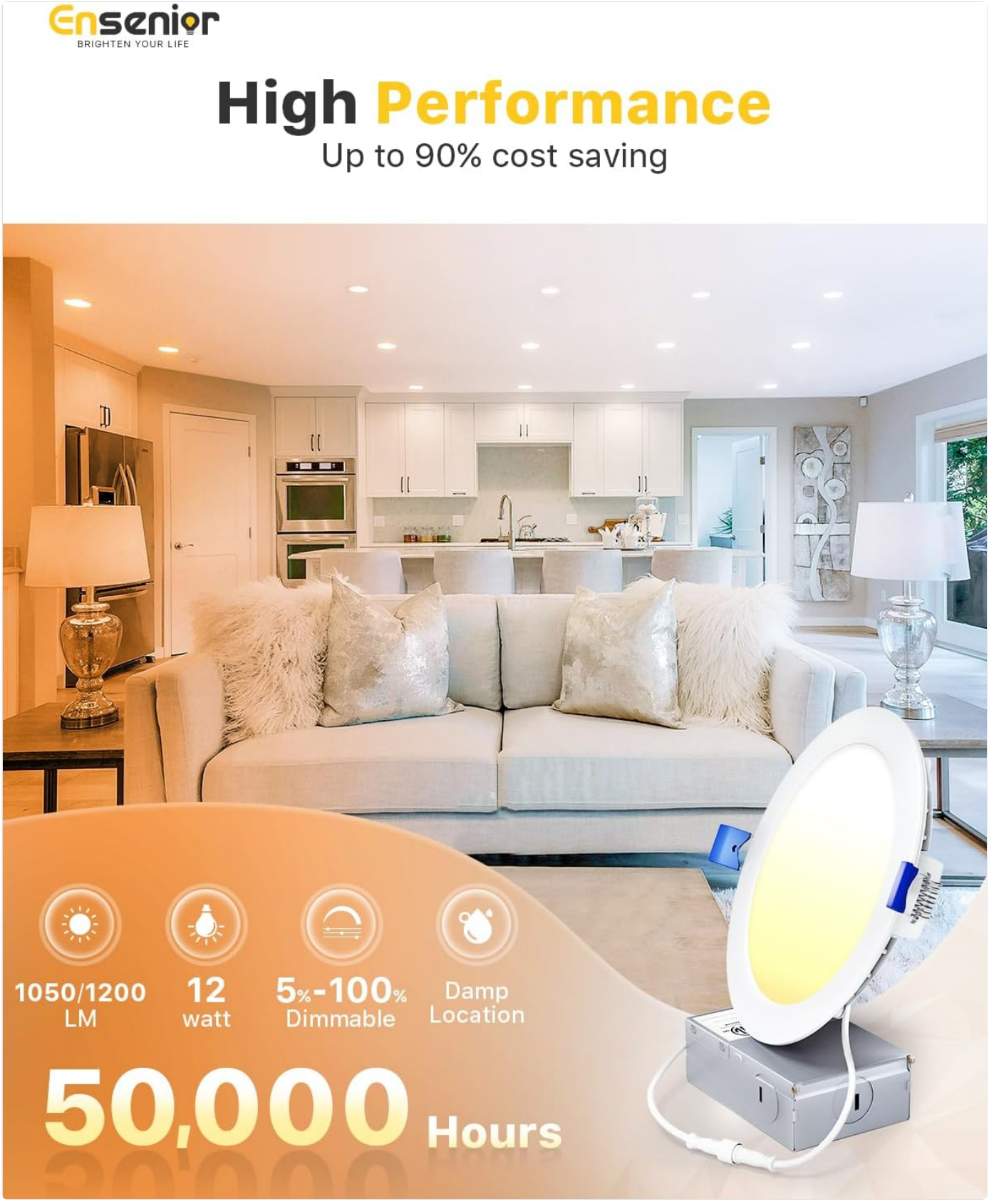


Figure 2: Key features of Ensenior LED Recessed Light.

4. Safety Information

Always follow basic safety precautions when installing or working with electrical products. These lights are IC rated, meaning they are suitable for direct contact with insulation, reducing fire hazards. They are also damp rated, making them safe for use in bathrooms and kitchens. Ensure power is turned off at the circuit breaker before installation or maintenance.

- Turn off power at the circuit breaker before installation.

- Consult a qualified electrician if you are unsure about any part of the installation.
- Do not modify the fixture or its components.
- Ensure all connections are secure and comply with local electrical codes.



Figure 3: Safety and energy efficiency certifications.

5. Installation

The Ensenior recessed lights are designed for hassle-free installation, requiring minimal space and no can housing. Follow these steps for a quick and secure setup:

1. **Cut a Hole:** Use the provided cutting template to mark and cut a 6.10-inch diameter hole in your ceiling.
2. **Connect Wiring:** Open the junction box and connect the electrical wires from your ceiling to the pre-wired UL-listed snap-in connectors inside the box. Ensure proper polarity (black to black, white to white, ground to ground).
3. **Connect Light Panel:** Connect the male/female cable from the light fixture to the corresponding cable from the junction box.
4. **Mount Light:** Push the spring clips on the light fixture upwards and insert the light into the ceiling hole. The clips will secure the light firmly against the ceiling.

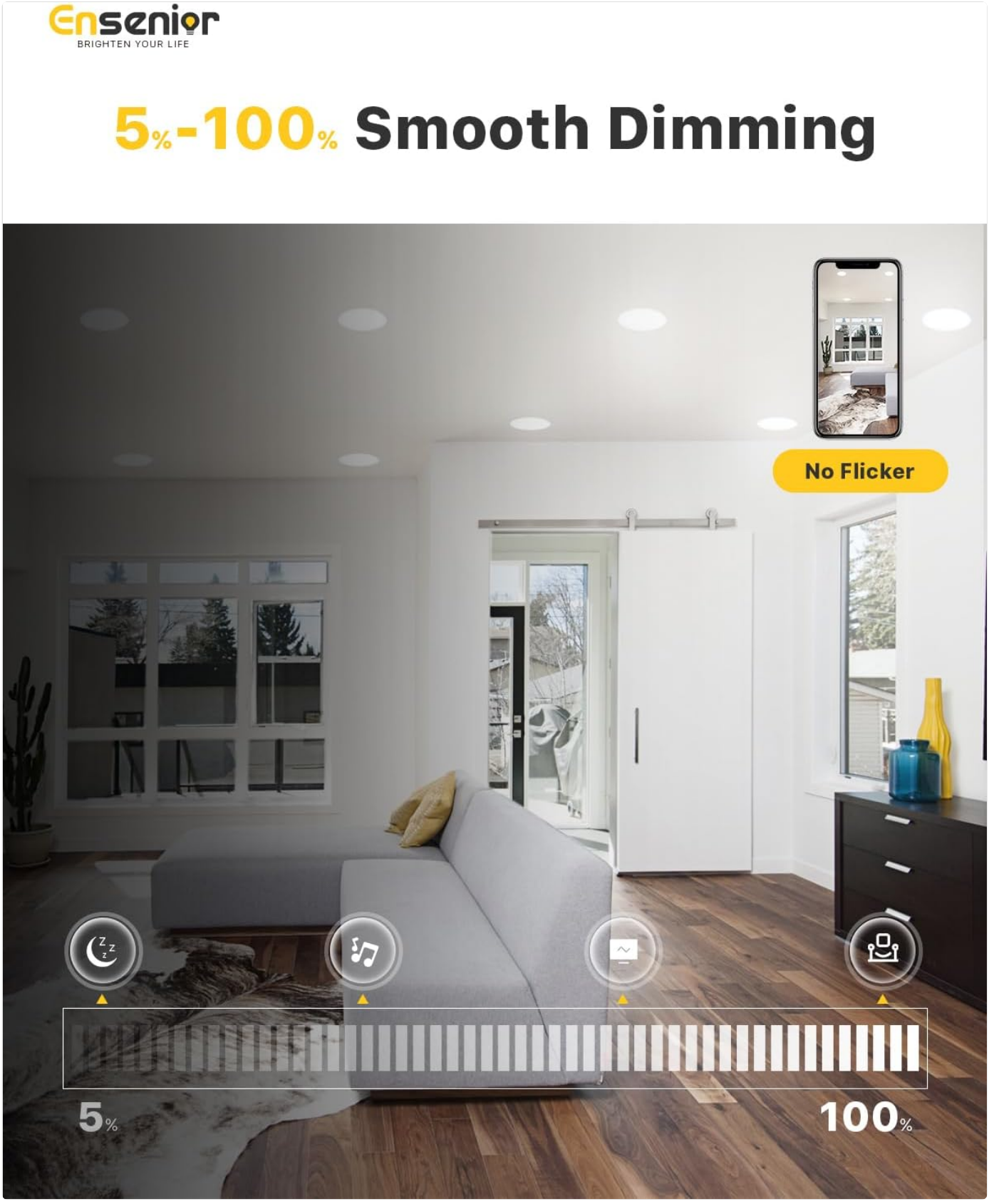


Figure 4: Step-by-step installation guide.

Installation Videos:

Video 1: Official product video demonstrating the features and installation process of the Ensenior Ultra-Thin Canless Recessed Light, including its sleek design and ease of setup.

Video 2: An official video showcasing the Ultra-Thin LED Recessed Ceiling Light, highlighting its design, brightness, and suitability for various indoor applications.

6. Operating Instructions

Your Ensenior LED Recessed Lights are designed for simple operation. Once installed, they will illuminate when power is supplied. These lights feature 5%-100% smooth dimming capability, allowing you to adjust the brightness to your desired level using a compatible dimmer switch.

Figure 5: Customize your brightness with smooth dimming.

7. Dimmer Compatibility Guide

For optimal dimming performance, it is recommended to use dimmer switches that are compatible with LED lighting. Refer to the table below for a list of compatible dimmer models. Using an incompatible dimmer may result in flickering or reduced performance.

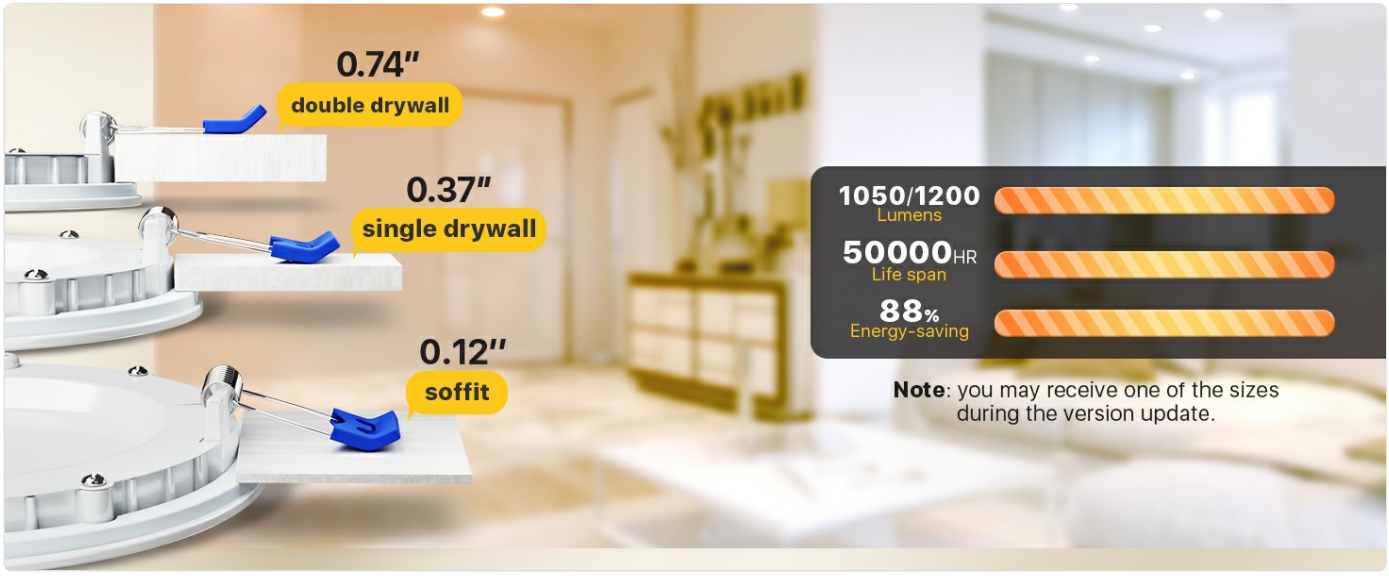


Figure 6: Recommended dimmer compatibility guide.

8. Maintenance

Ensenior LED Recessed Lights require minimal maintenance. To ensure longevity and optimal performance, follow these guidelines:

- **Cleaning:** Ensure power is off before cleaning. Wipe the light fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspection:** Periodically check for any loose connections or damage. If any issues are found, consult a qualified electrician.
- **Bulb Replacement:** These LED fixtures do not have replaceable bulbs. The entire unit is designed for a long lifespan of 50,000 hours.

9. Troubleshooting

If you encounter any issues with your Ensenior LED Recessed Lights, refer to the following common problems and solutions:

Problem	Possible Cause & Solution

Light does not turn on	• No power: Check circuit breaker and wall switch. • Loose connection: Ensure all wires in the junction box are securely connected. • Faulty fixture: Contact customer support if other solutions fail.
Light flickers or dims inconsistently	• Incompatible dimmer: Refer to the Dimmer Compatibility Guide (Section 7) and replace with a compatible dimmer if necessary. • Loose wiring: Check connections in the junction box. • Overloaded circuit: Ensure the total wattage on the circuit does not exceed its capacity.
Light is not as bright as expected	• Dimmer setting: Adjust the dimmer to 100% brightness. • Incorrect installation: Ensure the light is properly seated and connected.

10. Warranty & Support

Ensenior LED Recessed Lights come with a 5-year warranty, ensuring peace of mind regarding product quality and performance. Our customer service team is available 24/7 to assist you with any inquiries or issues. We are committed to providing a quick response within 12 hours and offer new replacements without fear of quality problems.
For support, please contact Ensenior Direct through your purchase platform or visit our official website.

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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.

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