

Ensenior 4I-5000K-12PACK

Ensenior 4-Inch LED Recessed Light Instruction Manual

Brand: Ensenior | Model: 4I-5000K-12PACK

1. SAFETY INFORMATION

Please read these instructions carefully before installation and retain them for future reference. Failure to follow these instructions could result in electric shock, fire, or other hazards.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- All electrical connections must be in accordance with local and National Electrical Code (NEC) standards. If you are unfamiliar with proper electrical wiring connections, consult a qualified electrician.
- Do not install in locations where the operating temperature exceeds the fixture's rated temperature.
- This fixture is **IC Rated**, suitable for direct contact with insulation.
- This fixture is **Damp Rated**, suitable for use in bathrooms and kitchens, but avoid direct water contact.
- Ensure the voltage supply (120V) matches the fixture's requirements.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Recessed Light (Quantity: 12)
- Junction Box (Quantity: 12)
- Instruction Manual
- Cutting Template



Image 1 : Overview of the Ensenior 4-inch LED Recessed Light and its accompanying junction box.

3. SPECIFICATIONS

Feature	Specification
Brand	Ensenior
Model Number	4I-5000K-12PACK
Size	4 Inch
Color Temperature	5000K Daylight
Brightness	750 Lumens
Wattage	9 Watts
Voltage	120 Volts

Dimmable	Yes (5%-100%)
Material	Aluminum
Product Dimensions	4.72"L x 4.72"W x 0.94"H
Average Life	50,000 Hours
Certifications	ETL, FCC, IC, UL, Energy Star
Water Resistance Level	Damp Rated
CRI	80.00

Product Dimension



Image 2: Detailed dimensions of the Ensenior 4-inch LED Recessed Light and its junction box.

4. SETUP AND INSTALLATION

Follow these steps for a safe and proper installation:

1. **Turn off Power:** Before starting any electrical work, ensure the power supply to the installation area is turned off at the circuit breaker or fuse box.
2. **Cut a Hole:** Use the provided cutting template to mark the desired location on the ceiling. Cut a hole of the

recommended size (approximately 4.25" to 4.6" diameter).

3. **Connect Wiring:** Open the junction box. Connect the household electrical wires (live, neutral, ground) to the corresponding wires inside the junction box using appropriate wire connectors. Ensure all connections are secure.
4. **Connect Light Panel:** Plug the connector from the recessed light fixture into the corresponding connector on the junction box.
5. **Mount Light:** Place the junction box into the ceiling opening. Push the recessed light fixture into the hole. The spring clips on the sides of the fixture will automatically secure it to the ceiling. Ensure the fixture is flush with the ceiling surface.
6. **Restore Power:** Once the installation is complete, turn the power back on at the circuit breaker.

Hassle-Free Installation



Image 3: Visual guide for the four main installation steps: cutting a hole, connecting wiring, connecting the light panel, and mounting the light.

Note: Use only the included junction box. Using other brands may cause voltage issues or light failure.

5. OPERATING INSTRUCTIONS

The Ensenior 4-inch LED Recessed Light is designed for simple operation:

- **Power On/Off:** Control the light using a standard wall switch connected to the circuit.

- **Dimming Function:** This fixture is 5%-100% dimmable. To utilize the dimming feature, connect it to a compatible LED dimmer switch.
- **Color Temperature:** This specific model provides a fixed 5000K Daylight color temperature.



5%-100% Smooth Dimming

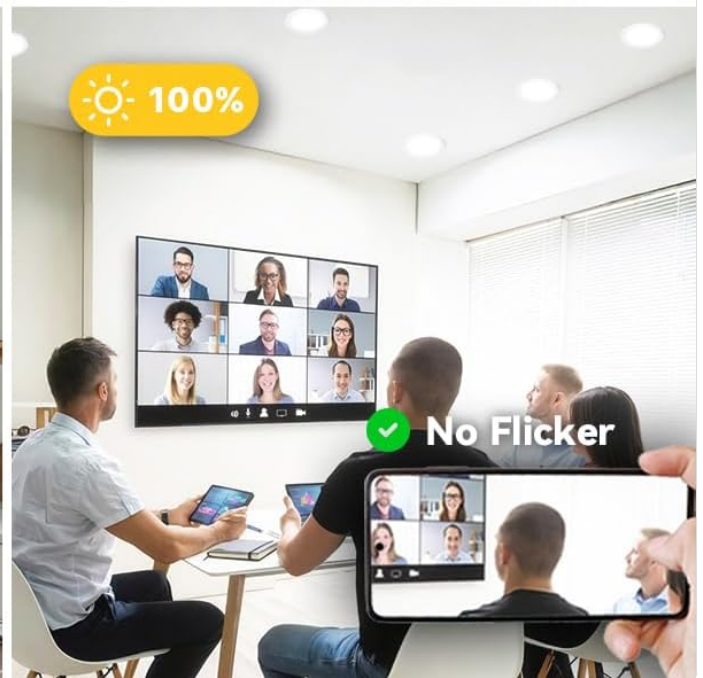
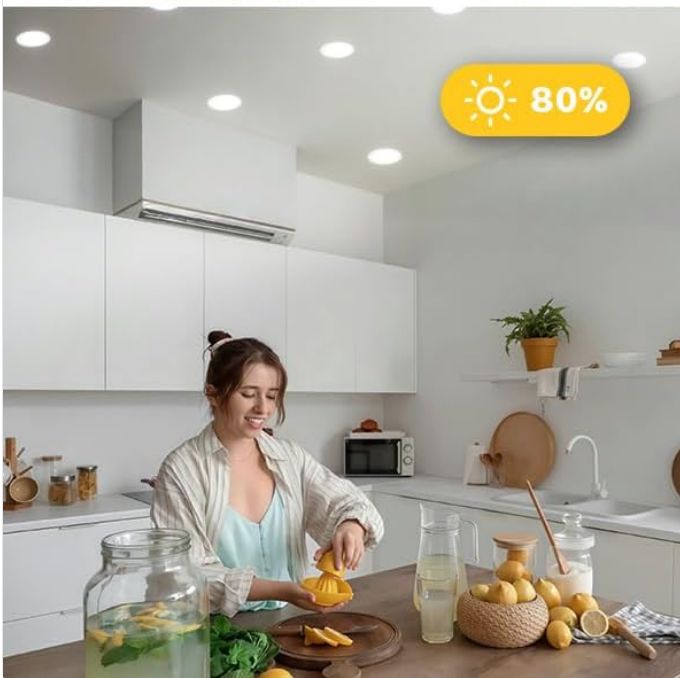
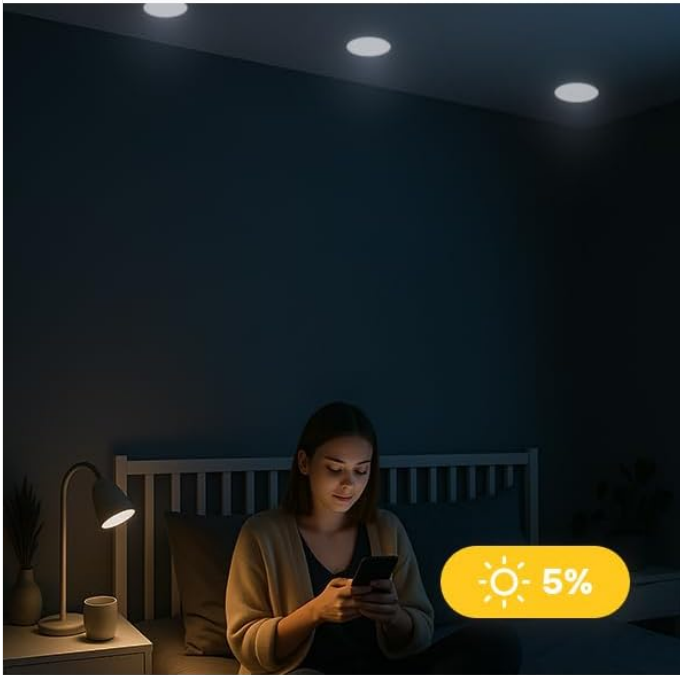


Image 4: Visual representation of the 5%-100% smooth dimming capability of the Ensenior LED Recessed Light.

Dimmer Compatibility Guide

For optimal dimming performance, refer to the following compatibility guide for Lutron and Zooz dimmers. Other models may also be suitable.

Dimmer Compatibility Guide

Lutron		FP: Forward Phase Control	RP: Reverse Phase Control
Model	Rating	Model	Rating
DVCL-153P(FP)	★★★★★	RRD-6NA(RP)	★★★★★
DVCL-253P(FP)	★★★★★	MSCL-OP153M(FP)	★★★★☆
DVWCL-153PH(FP)	★★★★★	MSCL-VP153M(FP)	★★★★☆
LECL-153P(FP)	★★★★☆	DVRP-253P(FP)	★★★★☆
LGCL-153P(FP)	★★★★☆	MA-PRO(RP)	★★★★☆
SCL-153P(FP)	★★★★☆	RRD-PRO(RP)	★★★★☆
AYCL-153P(FP)	★★★★☆	GT-5NEM(RP)	★★★★☆
TGCL-153PH(FP)	★★★★☆	NTRP-250(RP)	★★★★☆
CTCL-153P(FP)	★★★★☆	CTRP-253P(RP)	★★★★☆
CTCL-150H(FP)	★★★★☆	PD-6WCL(FP)	★★★★★
STCL-153P(FP)	★★★★☆	PD-10NXD(FP)	★★★★★
MACL-153M(FP)	★★★★★	P-BDG-PKG1P(FP)	★★★★★
MACL-153M-RHM(FP)	★★★★★	PD-5NE(RP)	★★★★★
MA-PRO(FP)	★★★★★		

Zooz	
Model	Rating
Zen27(FP)	★★★★★



Note: Other models may also be suitable.

Image 5: A compatibility chart listing recommended Lutron and Zooz dimmer models for use with Ensenior LED Recessed Lights.

6. MAINTENANCE

The Ensenior LED Recessed Light requires minimal maintenance:

- **Cleaning:** Ensure the power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners, as they may damage the finish or electrical components.
- **Bulb Replacement:** This fixture uses integrated LED technology and does not require bulb replacement. The LEDs

are designed to last for 50,000 hours.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose wiring connection Faulty switch	Check circuit breaker/fuse. Ensure power is on. Verify all wire connections are secure in the junction box. Test the switch with another device or replace it.
Light flickers	Incompatible dimmer switch Loose wiring Voltage fluctuations	Ensure dimmer is LED compatible and listed in the compatibility guide. Check all wiring connections. Consult an electrician if voltage issues are suspected.
Light is not dimming properly	Incompatible dimmer switch Dimmer not configured correctly	Use a compatible LED dimmer switch (refer to Section 5). Adjust the dimmer's settings according to its instruction manual.
Light is too dim or too bright	Dimmer setting Incorrect color temperature (not applicable for this fixed 5000K model)	Adjust the dimmer switch to the desired brightness level.

If the problem persists after attempting these solutions, please contact Ensenior customer support.

8. WARRANTY AND SUPPORT

Ensenior stands behind the quality of its products:

- **Warranty:** This product comes with a 5-year warranty.
- **Lifespan:** The LED lights have an average lifespan of 50,000 hours.
- **Customer Service:** Ensenior offers 7/24 customer service with a commitment to a 12-hour quick response time.
- **Replacements:** New replacements are provided without concern for quality problems during the warranty period.

For support, please refer to the contact information provided on the product packaging or the official Ensenior website.

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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.

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