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## Ensenior 4I-5000K-4PACK

# Ensenior 4 Pack 4 Inch LED Recessed Light Instruction Manual

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

## 1. SAFETY INFORMATION

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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 this manual for future reference.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse box or circuit breaker before installing or servicing.
- **WARNING:** Risk of fire. Use only on 120V AC, 60Hz circuits.
- **CAUTION:** Suitable for damp locations. Do not use where directly exposed to water.
- **IC Rated:** Suitable for direct contact with insulation.
- Ensure all electrical connections are in accordance with local codes and ordinances, National Electric Code (NEC), and ANSI/NFPA 70-1999.
- Do not alter, relocate, or remove wiring.
- Do not attempt to disassemble the light fixture. There are no user-serviceable parts inside.

## 2. PRODUCT OVERVIEW

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The Ensenior 4 Pack 4 Inch LED Recessed Light is an ultra-thin, canless wafer ceiling light designed for various indoor applications. It offers high brightness, energy efficiency, and adjustable color temperature options to suit different environments.

- **High Brightness:** 750 Lumens output with only 9 Watts power consumption.
- **Dimmable:** Smooth dimming from 5% to 100% (compatible with most dimmers).
- **Color Temperature:** This specific model provides 5000K Daylight. Other variants may offer 2700K, 3000K, 3500K, 4000K, or 6000K.
- **Ultra-Thin Design:** Ideal for installations with limited ceiling space.
- **Certifications:** ETL & FCC certified, IC rated for thermal protection.

# High Performance

Up to 90% cost saving



Figure 2.1: Key features of the Ensenior 4 Inch LED Recessed Light.

### 3. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Recessed Light (4 units)
- Junction Box (4 units)
- Instruction Manual (this document)
- Cutting Template (1 unit)

## 4. SPECIFICATIONS

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Feature	Specification
Brand	Ensenior
Model Name	YHFCC-4I-5000K-4PACK
Size	4 Inch
Color Temperature	5000K Daylight
Brightness	750 Lumens
Wattage	9 Watts
Voltage	120 Volts
Dimmable	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 Rated
Water Resistance Level	Water Resistant (Damp Rated)

# 5%-100% Smooth Dimming



Figure 4.1: Product Dimensions and Recommended Hole Size (4.25" ~ 4.6").

## 5. INSTALLATION INSTRUCTIONS

Follow these steps for a hassle-free installation. Always ensure power is disconnected before starting.

1. **Prepare the Ceiling:** Use the provided cutting template to mark and cut a hole in the ceiling. The recommended hole size is 4.25" to 4.6".
2. **Connect Wiring:** Open the junction box. Connect the household electrical wires (live, neutral, ground) to the corresponding terminals inside the junction box. Ensure secure connections.

3. **Connect Light Panel:** Connect the male/female cable from the junction box to the light fixture.
4. **Mount Light:** Push the spring clips on the light fixture upwards and insert the fixture into the ceiling hole. The clips will secure the light in place.



## Product Dimension



Figure 5.1: Step-by-step installation guide.

Video 5.1: Official Ensenior installation and feature overview for Ultra-Thin Canless Recessed Light.

## 6. OPERATING INSTRUCTIONS

The Ensenior LED Recessed Light is designed for simple operation once installed.

## 6.1 Dimming Function

This light fixture is 5%-100% dimmable. Use a compatible LED dimmer switch (sold separately) to adjust the brightness level to your preference. Ensure the dimmer is rated for LED lighting to prevent flickering or damage.



# More Colors for Your Choice

2700K | 3000K | 3500K | 4000K | 5000K | 6000K | 3CCT | 5CCT | 6CCT

Please select your favorite model on the product page

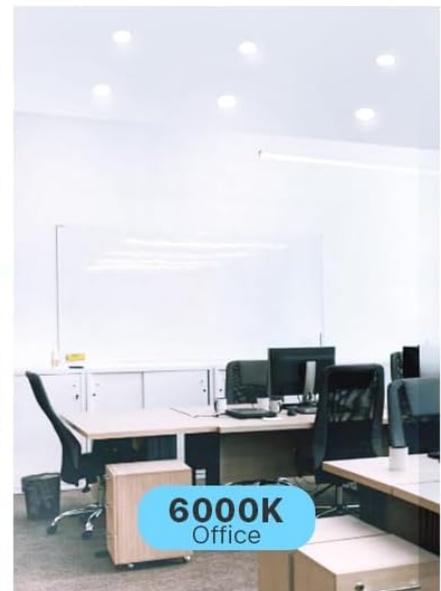
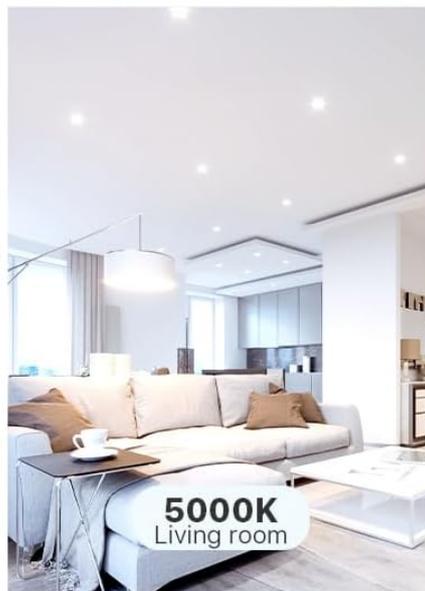
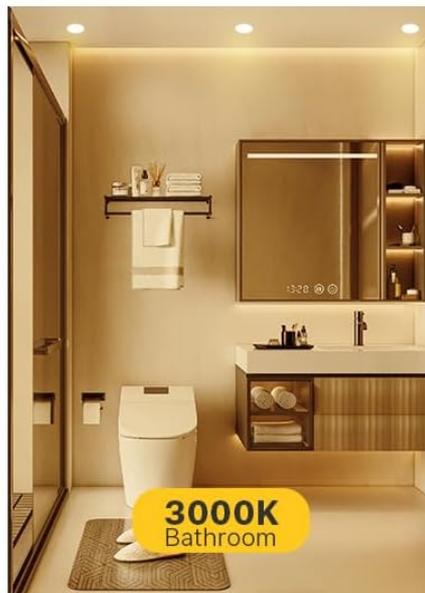


Figure 6.1: Illustration of 5%-100% smooth dimming capability.

## 6.2 Color Temperature Adjustment (for 5CCT models only)

*Note: This specific model (4I-5000K-4PACK) is fixed at 5000K Daylight. The following instructions apply to multi-CCT models only.*

For models with multiple color temperature options (e.g., 5CCT), a switch is located on the side of the junction box. Before installation, select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) by sliding the switch. Once installed, the color temperature cannot be changed without removing the fixture to access the switch.

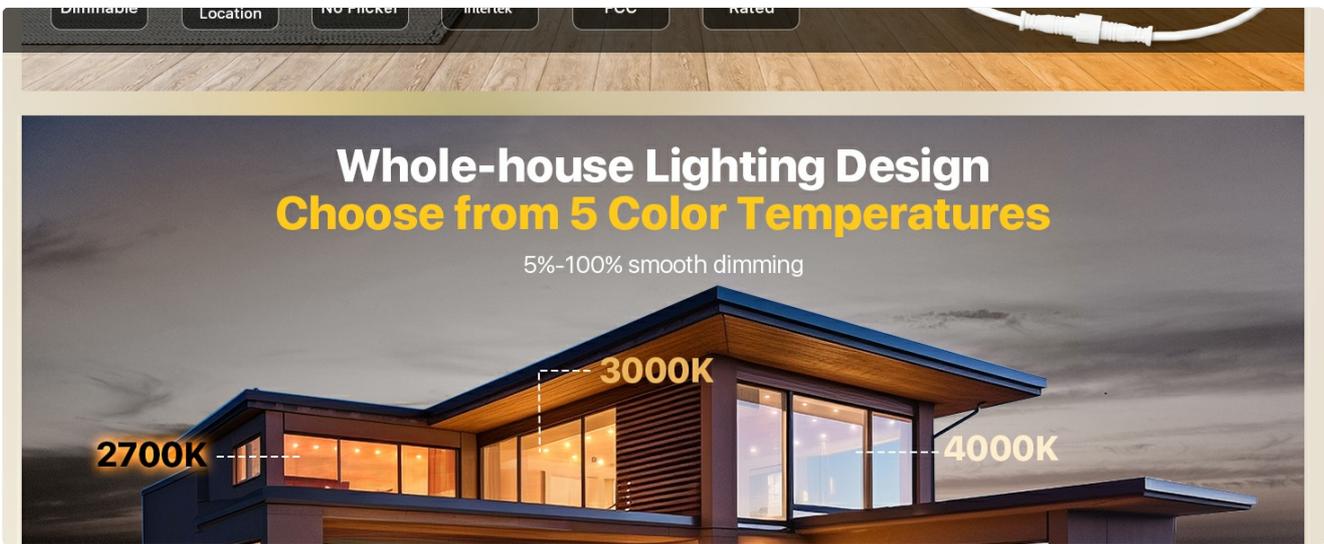


Figure 6.2: Examples of different color temperatures in various room types.

## 7. DIMMER COMPATIBILITY GUIDE

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For optimal dimming performance, use dimmers listed in the compatibility guide below. Other models may also be suitable, but compatibility is not guaranteed.

# Hassle-Free Installation



Figure 7.1: Dimmer Compatibility Guide.

## 8. RECOMMENDED SPACING

Proper spacing of recessed lights ensures even illumination and avoids dark spots. For a 4-inch light, a general recommendation is 2-4 feet between fixtures, depending on ceiling height and desired brightness.

# 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.

Figure 8.1: Recommended spacing for recessed lights.

## 9. MAINTENANCE

Ensenior LED Recessed Lights are designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **No User-Serviceable Parts:** The LED module is integrated and not replaceable. Do not attempt to open or repair the fixture.

## 10. TROUBLESHOOTING

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

- **Light does not turn on:**
  - Check if the power supply is connected correctly.
  - Verify that the circuit breaker is not tripped.
  - Ensure all wiring connections in the junction box are secure.
  - Confirm the male/female connector between the light and junction box is fully engaged.
- **Light flickers:**
  - Ensure you are using a compatible LED dimmer switch. Refer to the Dimmer Compatibility Guide.
  - Check for loose wiring connections.
- **Light is not the expected brightness:**
  - Adjust the dimmer switch to its maximum setting.
  - Verify the power supply voltage is 120V.

## 11. WARRANTY AND SUPPORT

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Ensenior stands behind the quality of its LED recessed lighting products.

- **Warranty:** This product comes with a 5-year warranty.
- **Lifespan:** Designed for an average life of 50,000 hours.
- **Customer Service:** For any questions or support, please contact Ensenior customer service.