

## Ensenior 4I-6000K-6PACK

# Ensenior 4 Inch LED Recessed Light Instruction Manual

Model: 4I-6000K-6PACK

## 1. INTRODUCTION

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Thank you for choosing the Ensenior 4 Inch LED Recessed Light. This ultra-thin, canless wafer ceiling light is designed for easy installation and provides high brightness with energy efficiency. This model features a 6000K Clear White color temperature, 750 lumens, and consumes only 9 watts at 120V. It is damp rated, making it suitable for various indoor environments, and is ETL, FCC, and IC certified for safety and quality.

## 2. PRODUCT FEATURES

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- **High Brightness & Energy Efficiency:** Emits 750 lumens while consuming only 9 watts, offering up to 90% energy savings compared to traditional lighting.
- **Smooth Dimming:** Supports 5%-100% smooth dimming, compatible with most standard dimmers.
- **Ultra-Thin Canless Design:** The slim profile allows for installation in ceilings with minimal space, eliminating the need for traditional recessed cans.
- **IC Rated:** The integrated junction box is IC rated, permitting contact with insulation, and provides thermal protection.
- **Damp Rated:** Suitable for installation in damp locations such as bathrooms and kitchens.
- **Long Lifespan:** Designed for a lifespan of 50,000 hours.
- **Color Temperature:** This specific model provides 6000K Clear White light. (Note: Other models in the Ensenior line may offer 5CCT options for adjustable color temperatures from 2700K to 5000K.)

# High Performance

Up to 90% cost saving



 **750**  
LM

 **9**  
watt

 **5%-100%**  
Dimmable

 **Damp**  
Location

**50,000** Hours

Figure 2.1: Key features of the Ensenior LED Recessed Light, including brightness, wattage, dimming capability, damp rating, and lifespan.

# 5%-100% Smooth Dimming



Figure 2.2: Demonstration of the 5%-100% smooth dimming feature, showing different light levels in various rooms without flickering.

## 3. WHAT'S IN THE BOX

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Each package contains the following components:

- Recessed Light
- Junction Box
- Instruction Manual
- Cutting Template

## 4. SETUP & INSTALLATION

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Follow these steps for a hassle-free installation:

1. **Prepare the Hole:** Use the provided cutting template to mark and cut a hole in your ceiling. The recommended hole size is between 4.25" and 4.6" (10.8cm - 11.7cm).
2. **Connect Wiring:** Open the junction box. Connect the household electrical wires (live, neutral, ground) to the corresponding UL listed terminals inside the junction box. Ensure all connections are secure.
3. **Connect Light Panel:** Connect the cable from the recessed light panel to the cable from the junction box. Ensure the connection is firm.
4. **Mount the Light:** Push the spring clips on the sides of the light panel upwards. Insert the light into the prepared ceiling hole. The spring clips will automatically snap down to secure the light flush against the ceiling.

**Ensenior**  
BRIGHTEN YOUR LIFE

## Product Dimension



Figure 4.1: Product dimensions and recommended hole size for installation.

# Hassle-Free Installation



Figure 4.2: Visual guide for the hassle-free installation process.

## Installation Video

Video 4.1: Official Ensenior video demonstrating the ultra-thin canless recessed light installation and features.

Video 4.2: Official Ensenior video showcasing the ultra-thin LED recessed ceiling light and its ease of installation.

## 5. OPERATING INSTRUCTIONS

The Ensenior 4 Inch LED Recessed Light is designed for simple operation.

- **Power On/Off:** Use a standard wall switch to turn the light on or off.
- **Dimming:** This light is 5%-100% dimmable. Connect it to a compatible dimmer switch to adjust the brightness level according to your preference.

## 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.

Figure 5.1: Dimmer compatibility guide for various Lutron and Zooz models.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Ensenior LED Recessed Light, follow these simple maintenance guidelines:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth to gently wipe the surface of the light. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Inspection:** Periodically inspect the light and wiring for any signs of damage or loose connections. If any

issues are found, consult a qualified electrician.

- **Environment:** While damp rated, avoid direct water contact to prevent damage and reduced lifespan.

## 7. TROUBLESHOOTING

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If you encounter any issues with your Ensenior LED Recessed Light, refer to the following common troubleshooting steps:

- **Light Does Not Turn On:**
  - Check if the power switch is in the 'ON' position.
  - Verify that the circuit breaker for the lighting circuit has not tripped.
  - Ensure all wiring connections in the junction box are secure.
  - Confirm the connection between the light panel and the junction box is properly seated.
- **Light Flickers or Hums:**
  - Ensure you are using a compatible LED dimmer switch. Refer to the dimmer compatibility guide in Section 5.
  - Check for loose wiring connections at the switch or in the junction box.
  - If using multiple lights on one dimmer, ensure the total wattage does not exceed the dimmer's capacity.
- **Inconsistent Brightness:**
  - If using multiple lights, ensure they are all set to the same color temperature (if applicable for your model). This model is fixed at 6000K.
  - Verify that the dimmer is functioning correctly and providing consistent power.

If these steps do not resolve the issue, please contact Ensenior customer service for further assistance.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	Ensenior
Model Name	YHFCC-4I-6000K-6PACK
Size	4 Inch
Color Temperature	6000K Clear White
Brightness	750 Lumens
Wattage	9 Watts
Voltage	120 Volts
Material	Aluminum
Dimmable	5%-100% Smooth Dimming
Damp Rated	Yes
Certifications	ETL, FCC, IC, UL, Energy Star

Feature	Specification
Product Dimensions	4.72"L x 4.72"W x 0.94"H
Lifespan	50,000 Hours
Item Weight	4.52 pounds (for 6-pack)

## 9. WARRANTY & SUPPORT

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Ensenior stands behind the quality of its products.

- **Warranty:** This product comes with a 5-year warranty.
- **Customer Service:** Ensenior offers 7/24 customer service for any inquiries or support needs.

For assistance, please refer to the contact information provided with your purchase or visit the official Ensenior website.