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› [Ensenior 6 Inch LED Recessed Ceiling Light Instruction Manual \(Model 6I-6000K-12PACK\)](#)

## Ensenior 6I-6000K-12PACK

# Ensenior 6 Inch LED Recessed Ceiling Light Instruction Manual

Model: 6I-6000K-12PACK

## 1. PRODUCT OVERVIEW

The Ensenior 6 Inch LED Recessed Ceiling Light is a high-brightness, canless wafer downlight designed for easy installation and energy efficiency. This model provides 6000K Clear White light, is dimmable from 5% to 100%, and is suitable for various indoor applications.



Image: The Ensenior 6 Inch LED Recessed Ceiling Light, showing its ultra-thin profile and connected junction box.

## 2. SAFETY INFORMATION

Always turn off the main power at the circuit breaker before installation. Ensure all electrical connections are secure and comply with local and national electrical codes. This fixture is IC rated, meaning it is permitted to be in contact with insulation in ceilings. The junction box is thermally protected. For your safety, wear appropriate personal protective equipment, such as safety goggles and insulated gloves, during installation.

# Hassle-Free Installation



Image: Close-up of the Ensenior recessed light showing the IC Rated symbol, indicating safe contact with insulation.

### 3. PACKAGE CONTENTS

- LED Recessed Lights (12 units)
- Junction Box (12 units)
- Cutting Template
- Instruction Manual

### 4. SPECIFICATIONS

<b>Feature</b>	<b>Specification</b>
Brand	Ensenior
Model Number	6I-6000K-12PACK
Size	6 inch
Color Temperature	6000K Clear White
Brightness	1050 Lumens
Wattage	12 Watts
Voltage	120 Volts
Dimmability	5%-100% Smooth Dimming
Material	Aluminum
Lifespan	50,000 hours
Certifications	ETL-listed, UL-certified (wire terminal), FCC, IC Rated
Indoor/Outdoor Usage	Indoor (Damp location available)

# More Colors for Your Choice

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

Please select your favorite model on the product page

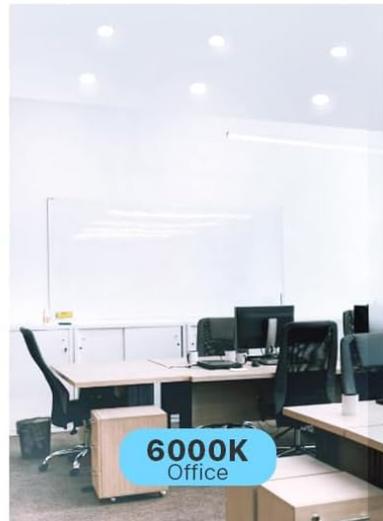


Image: Detailed dimensions of the 6-inch LED recessed light and its accompanying junction box.

## 5. INSTALLATION INSTRUCTIONS

The Ensenior recessed lights are designed for hassle-free installation in both retrofit and new construction projects. Only 2 inches of ceiling space is required.

- Cut a Hole:** Use the provided 1:1 hole template to mark and cut a hole in the ceiling. The recommended hole size is between 6.22 inches (15.8 cm) and 6.6 inches (16.8 cm).
- Connect Wiring:** Open the junction box and connect the household wiring (black to black, white to white, green to ground) to the wires inside the junction box using the UL-certified push-in connectors.
- Connect Light Panel:** Connect the male/female cable from the junction box to the corresponding

cable on the LED light panel. Ensure a secure connection.

4. **Mount Light:** Push the junction box into the ceiling opening. Then, push the LED light panel into the ceiling, ensuring the spring clips firmly secure it in place.

**Ensenior**  
BRIGHTEN YOUR LIFE

## 5%-100% Smooth Dimming

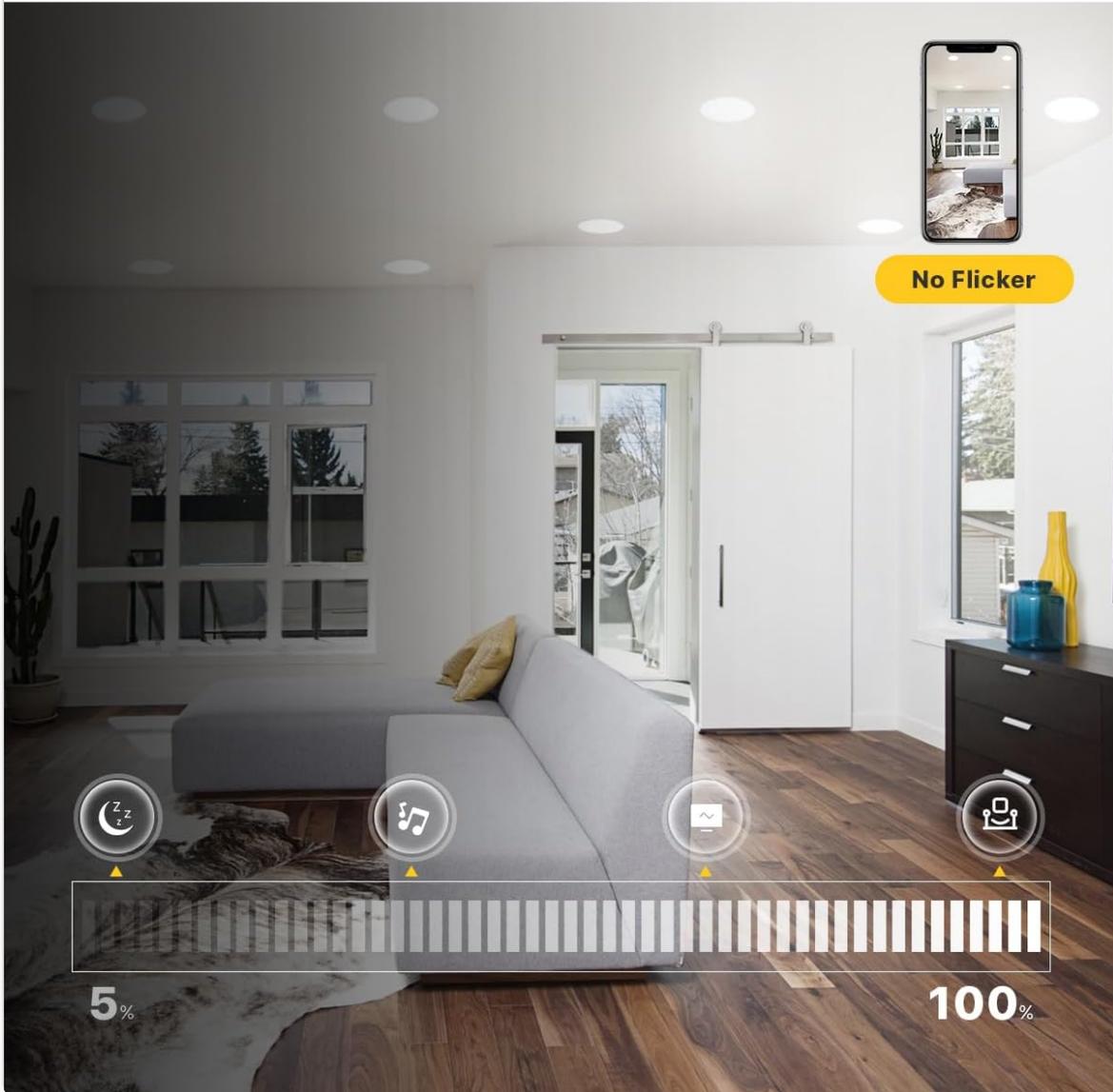


Image: A visual guide illustrating the four steps of installation: cutting the hole, connecting wiring, connecting the light panel, and mounting the light.

### Installation Video Guide

Your browser does not support the video tag.

Video: An official Ensenior video demonstrating the ultra-thin LED recessed ceiling light, highlighting its components, wiring connections, and the simple installation process using spring clips.

## 6. OPERATING INSTRUCTIONS

This Ensenior LED recessed light provides 6000K Clear White illumination and is fully dimmable from 5% to 100%. To adjust brightness, use a compatible LED dimmer switch (sold separately).

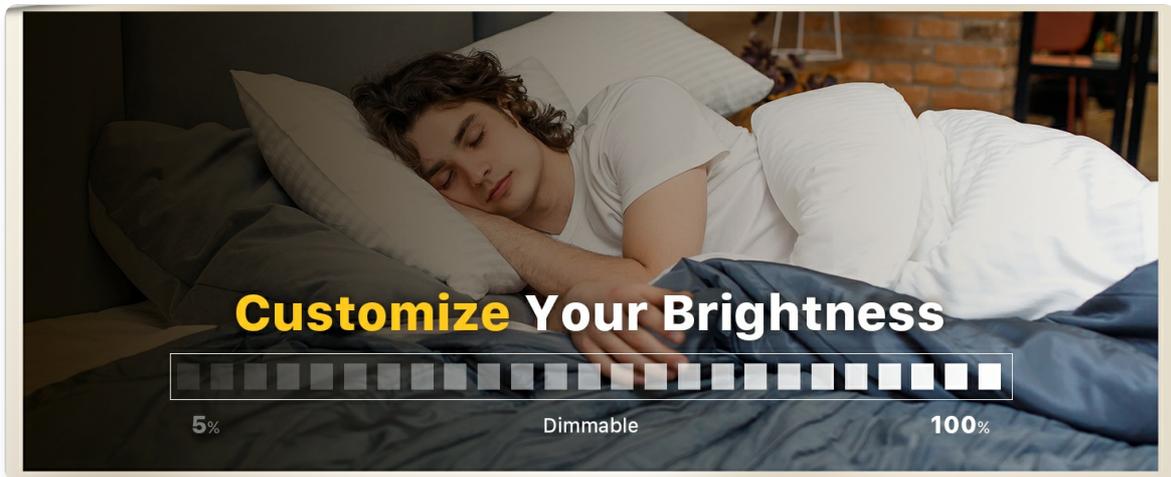


Image: A visual representation of the dimming capability, showing a smooth transition from 5% to 100% brightness.

### Dimmer Compatibility

For optimal performance, use with compatible LED dimmer switches. Refer to the dimmer compatibility guide for recommended models.

# Product Dimension

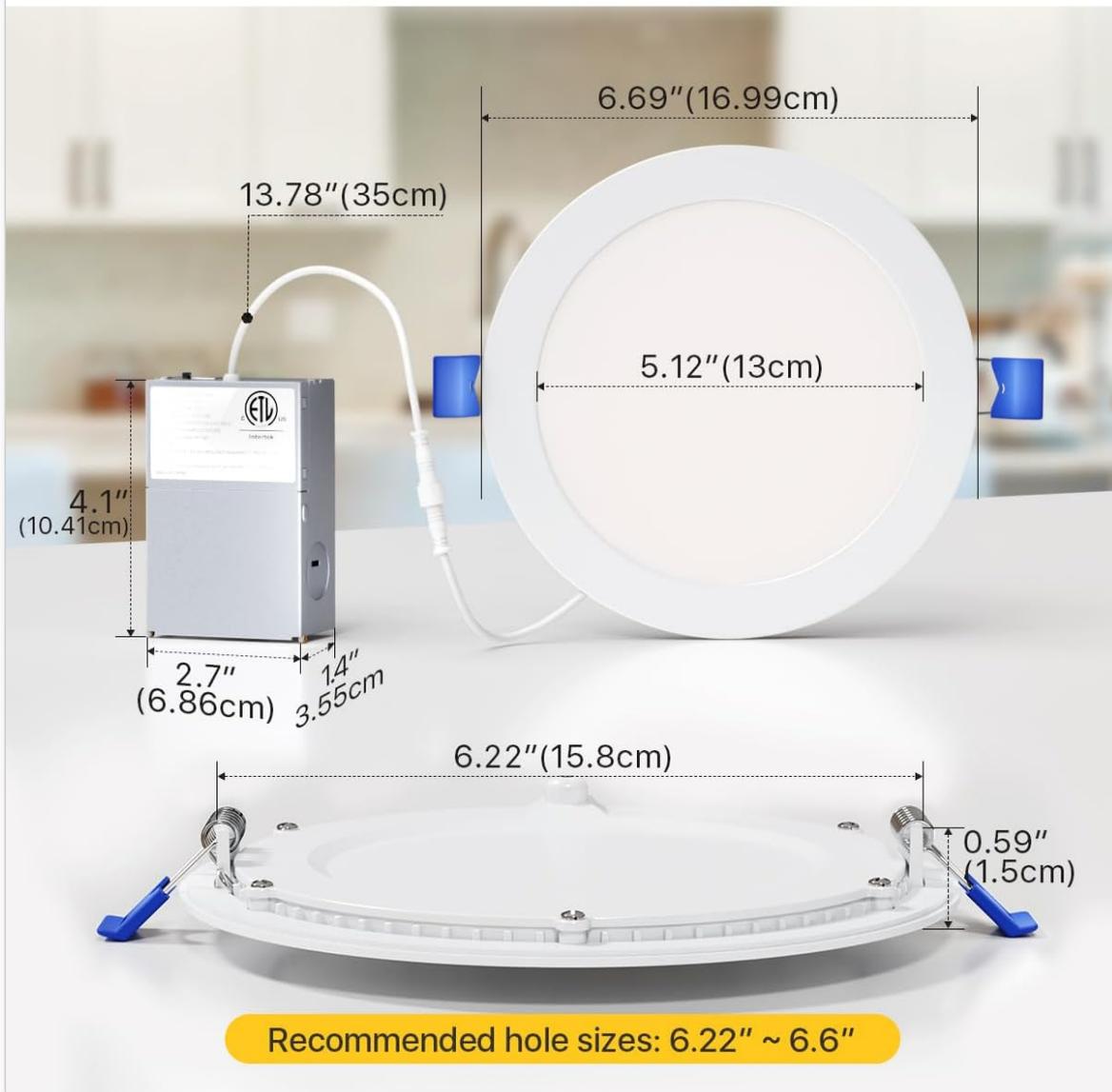


Image: A table detailing various Lutron and Zooz dimmer models compatible with Ensenior recessed lights, indicating their control type (Forward Phase or Reverse Phase) and rating.

## 7. MAINTENANCE

These LED recessed lights are designed for long-term, maintenance-free operation with a lifespan of 50,000 hours. No bulb replacement is necessary. To clean the fixture, ensure power is off and gently wipe with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

## 8. TROUBLESHOOTING

- **Light not turning on:** Check the circuit breaker to ensure power is supplied. Verify all wiring connections are secure.
- **Flickering light:** Ensure a compatible LED dimmer switch is used. Check for loose wiring connections.
- **Insufficient brightness:** Confirm the dimmer is set to 100% for maximum brightness.

## 9. WARRANTY AND SUPPORT

Ensenior provides a 5-year warranty for this product. For any questions, technical support, or warranty claims, please contact Ensenior customer service. They offer one-on-one support with a response within 12 hours.