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› Ensenior 6 Inch Gimbal LED Recessed Light (4-Pack) Instruction Manual

Ensenior 769044669733

Ensenior 6 Inch Gimbal LED Recessed Light Instruction Manual

Model: 769044669733

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Ensenior 6 Inch Gimbal LED Recessed Lights. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and adherence to safety guidelines are crucial for optimal performance and user safety.



Figure 1: Ensenior 6 Inch Gimbal LED Recessed Light. This image shows the product in a typical living room setting, highlighting its adjustable beam angle, vertical rotation, and horizontal rotation capabilities.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 4 x 6" LED Downlight units
- 4 x Junction Boxes
- 1 x Installation Template
- 1 x Instruction Manual (this document)

3. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the circuit breaker before installation or servicing. All wiring connections must be in accordance with local and national electrical codes (NEC). If you are unfamiliar with proper electrical wiring

connections, consult a qualified electrician.

- Do not install in areas with direct water contact. This product is damp-rated, suitable for humid environments like bathrooms or outdoor soffits, but not for direct exposure to water.
- Ensure the supply voltage is 120V AC.
- Do not modify the fixture. Any modifications may void the warranty and create safety hazards.
- This product is **ETL**, **FCC**, and **IC** rated, ensuring compliance with safety and performance standards.



Figure 2: Product Certifications and Damp Location Suitability. This image displays the ETL, FCC, and IC ratings, indicating the product's safety and quality compliance. It also shows the damp location icon, confirming its suitability for humid environments.

4. SETUP AND INSTALLATION

Follow these steps for a quick and easy installation:

1. **Turn off power:** Ensure the power supply to the installation area is turned off at the circuit breaker.
2. **Cut a hole:** Use the provided template to mark and cut a 6.38-inch diameter hole in the ceiling.

3. **Connect wiring:** Open the junction box and remove the appropriate knock-out. Connect the household electrical wires (live, neutral, ground) to the corresponding wires in the junction box using wire nuts. Ensure all connections are secure.
4. **Choose color temperature (CCT):** Before pushing the light into the ceiling, select your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K) using the switch located on the side of the junction box.
5. **Connect light panel:** Connect the light panel to the junction box via the male/female connectors.
6. **Secure the light:** Push up the spring clips on the light fixture and insert the light into the ceiling hole. The clips will hold the fixture firmly in place.
7. **Restore power:** Turn the power back on at the circuit breaker.

Ensenior

Damp Location

Outdoor Soffit

Bathrooms

FCC

ETL LISTED
Intertek

IC
IC Rated

Heat Dissipation

5 Years Coverage

intertek
AUTHORIZATION TO MARK

Certified Safe. Built to Last.
Never Rust.

Figure 3: Step-by-Step Installation Guide. This image illustrates the four main steps for installing the recessed light: cutting the hole, connecting the wiring to the junction box, connecting the light panel, and pushing the gimbal light into the ceiling.

Important Note: Use the included junction box. Using junction boxes from other brands may cause voltage issues or light failure. The light fixture dimensions are approximately 6.89"L x 6.89"W x 3.23"H, with a required ceiling cutout of 6.38 inches.

Product dimensions

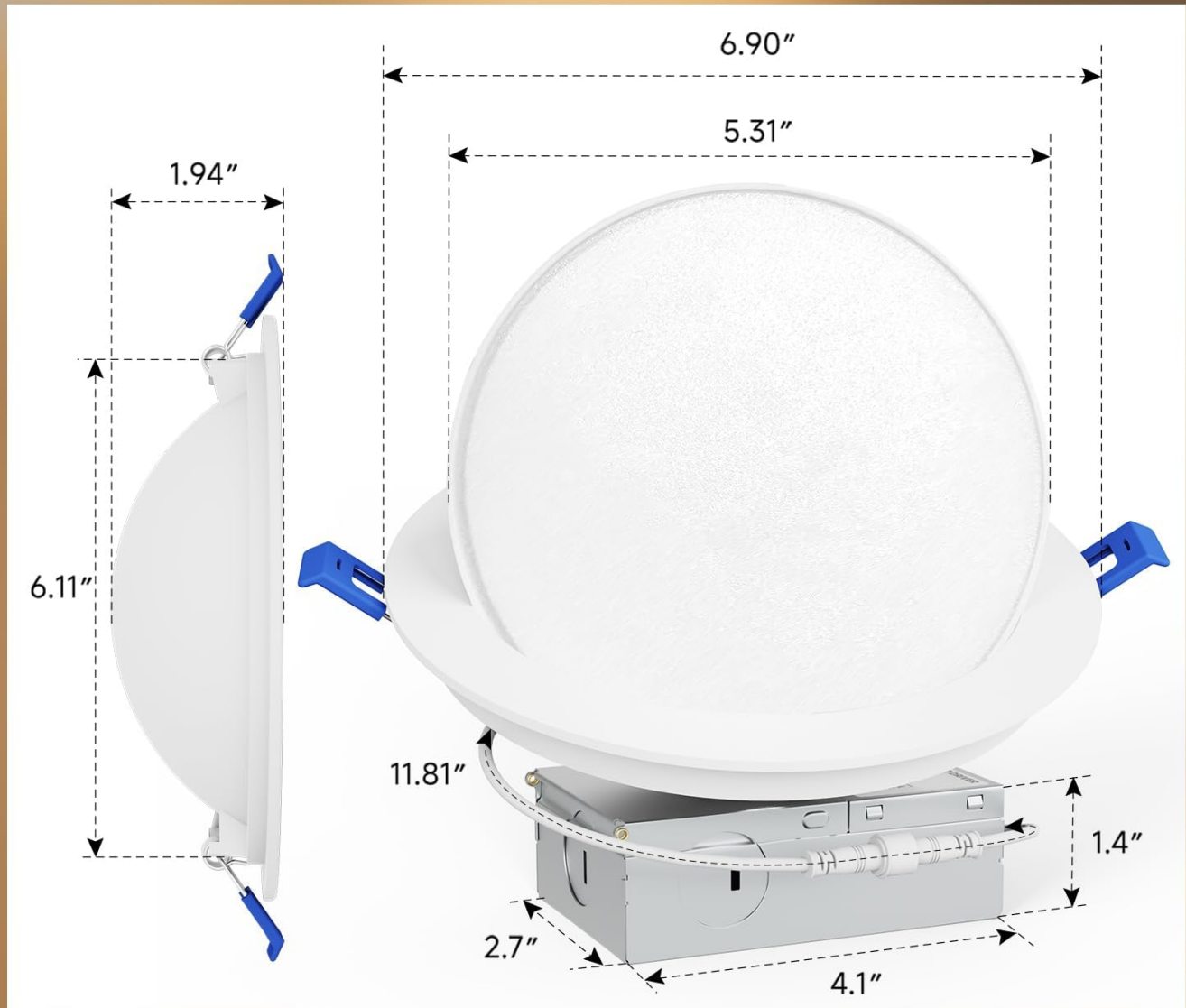


Figure 4: Detailed Product Dimensions. This diagram provides precise measurements of the recessed light fixture and its junction box, including overall length, width, height, and the required cutout size for installation.

Installation Video



Video 1: Ensenior 6 Inch Adjustable LED Gimbal Recessed Lighting. This video demonstrates the installation process and highlights the adjustable features of the Ensenior 6-inch gimbal LED recessed light.

5. OPERATING INSTRUCTIONS

Your Ensenior Gimbal LED Recessed Light offers versatile lighting options:

- **5CCT Selectable:** The color temperature can be adjusted to 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4000K (Cool White), or 5000K (Daylight). This setting is chosen via a switch on the junction box during installation.
- **10%-100% Dimmable:** The light is compatible with most standard LED dimmers, allowing for smooth dimming from 10% to 100% to create the desired ambiance.

- **Adjustable Gimbal:** The light features a 90° tilt rotation and a full 360° swivel, enabling you to direct the light precisely where needed.



Figure 5: 5CCT Color Temperature Options. This image illustrates the five selectable color temperatures (2700K, 3000K, 3500K, 4000K, 5000K) and their typical applications in different room settings.



Figure 6: Gimbal Adjustability. This image demonstrates the 105° beam angle, 90° vertical rotation, and 360° horizontal rotation capabilities of the gimbal light, allowing for flexible light direction.

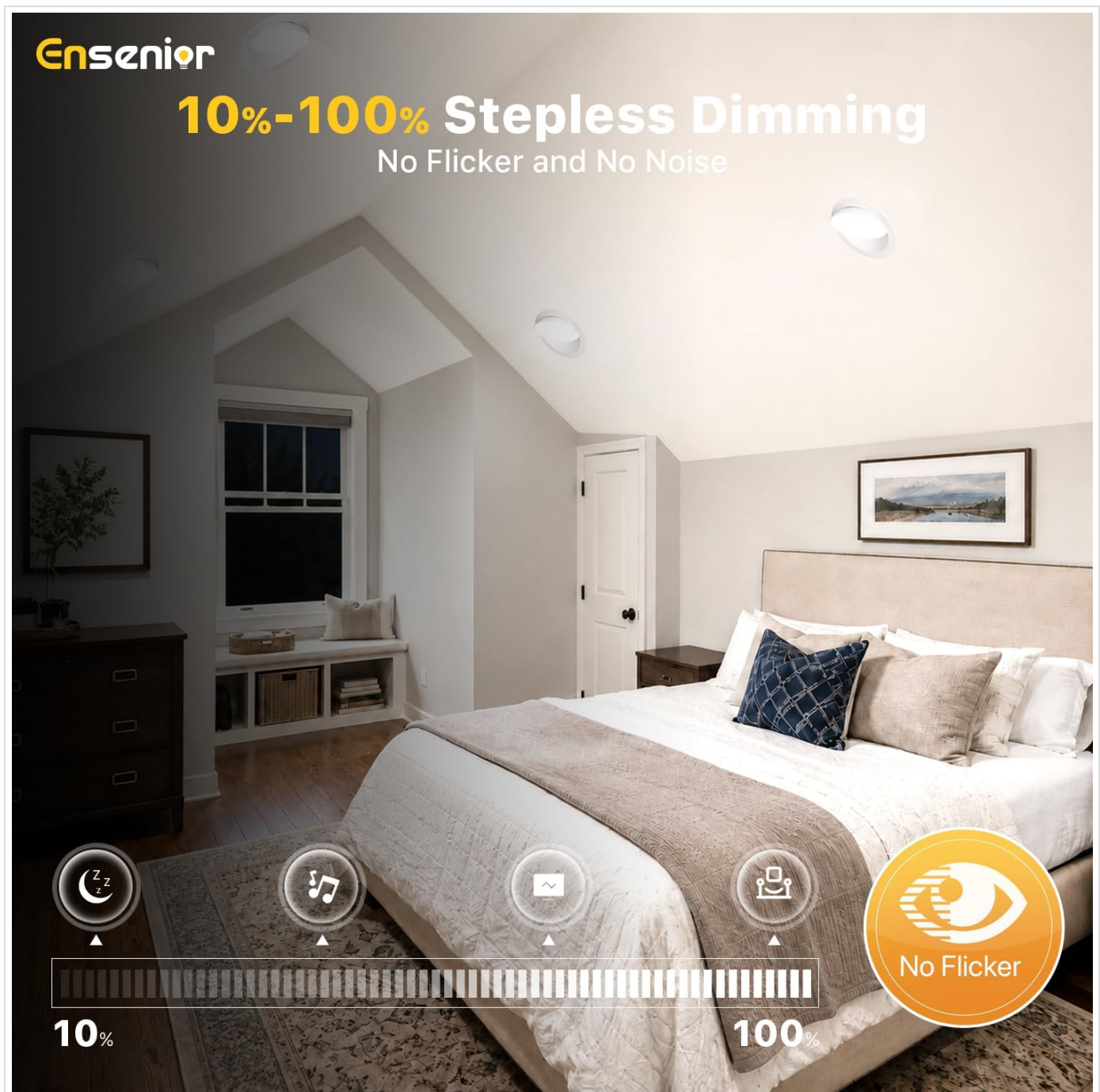


Figure 7: Stepless Dimming Capability. This image visually represents the 10%-100% stepless dimming feature, indicating that the light can be adjusted without flicker or noise.

6. MAINTENANCE

The Ensenior Gimbal LED Recessed Light requires 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.
- **Bulb Replacement:** The LED chips are integrated and not user-replaceable. The fixture is designed for long-lasting performance.

7. TROUBLESHOOTING

If you encounter issues with your light, refer to the following common problems and solutions:

- **Light does not turn on:**

- Check if the power is on at the circuit breaker.
- Verify all wiring connections are secure and correct.
- Ensure the light panel is properly connected to the junction box.

• **Light flickers or hums:**

- Ensure the dimmer switch is compatible with LED fixtures. Refer to the dimmer compatibility guide.
- Check for loose wiring connections.

• **Incorrect color temperature:**

- Verify the CCT switch on the junction box is set to your desired color.

Dimmer Compatibility Guide

		Dimmer Compatibility Guide Note: Other models may also be suitable. This product does not include a dimmer. 			
Lutron		FP: Forward Phase Control		RP: Reverse Phase Control	
Model	Rating	Model	Rating	Model	Rating
DVCL-153P(FP)	★★★★★	RRD-6NA(RP)	★★★★★	P-BDG-PKG1P(FP)	★★★★★
DVCL-253P(FP)	★★★★★	MSCL-OP153M(FP)	★★★★☆	PD-5NE(RP)	★★★★★
DVWCL-153PH(FP)	★★★★★	MSCL-VP153M(FP)	★★★★☆	MACL-153M(FP)	★★★★★
LECL-153P(FP)	★★★★☆	DVRP-253P(FP)	★★★★☆	MACL-153M-RHM(FP)	★★★★★
LGCL-153P(FP)	★★★★☆	MA-PRO(RP)	★★★★☆	MA-PRO(FP)	★★★★★
SCL-153P(FP)	★★★★☆	RRD-PRO(RP)	★★★★☆	DVRF-6LS-WH(FP)	★★★★★
AYCL-153P(FP)	★★★★☆	GT-5NEM(RP)	★★★★☆	DVRF-BDG-1DP-A(FP)	★★★★★
TGCL-153PH(FP)	★★★★☆	NTRP-250(RP)	★★★★☆	P-BDG-PKG2W-A(FP)	★★★★★
CTCL-153P(FP)	★★★★☆	CTRP-253P(RP)	★★★★☆	DVRFW-6L-WH-A(FP)	★★★★★
CTCL-150H(FP)	★★★★☆	PD-6WCL(FP)	★★★★★		
STCL-153P(FP)	★★★★☆	PD-10NXD(FP)	★★★★★		
Leviton		FP: Forward Phase Control			
Model	Rating	Model	Rating	Model	Rating
DSL06-1LZ(FP)	★★★★★	D2MSD-1RW(FP)	★★★★★	D26HD-1RW(FP)	★★★★★
6674-P0W(FP)	★★★★★	D23LP-1RW(FP)	★★★★★	ZW6HD-1RW(FP)	★★★★★
RNL06-10Z(FP)	★★★★★				
Kasa Smart		FP: Forward Phase Control		Zooz FP: Forward Phase Control	
Model	Rating	Model	Rating	Model	Rating
KS230 KIT v2(FP)	★★★★★	HS220P3(FP)	★★★	Zen27(FP)	★★★★★
KS220P3(FP)	★★★★★	HS220(FP)	★★★		

Figure 8: Dimmer Compatibility Guide. This chart lists various dimmer models from Lutron, Leviton, Kasa Smart, and Zooz, indicating their compatibility (Forward Phase Control or Reverse Phase Control) and rating with Ensenior lights. Note: This product does not include a dimmer.

8. SPECIFICATIONS

Feature	Specification
Brand	Ensenior
Model Number	769044669733
Size	6 Inch
Wattage	12 Watts
Brightness	1200 Lumens
Color Temperature	5CCT Selectable (2700K/3000K/3500K/4000K/5000K)
Dimmability	10%-100% (with compatible dimmers)
Adjustability	90° Tilt Rotation, 360° Swivel
Voltage	120 Volts
Material	Aluminum, Plastic
Water Resistance Level	Moisture Resistant (Damp Rated)
Certifications	ETL, FCC, IC Rated
CRI	90+
Installation Type	Recessed Mount, Flush Mount
Item Dimensions (L x W x H)	6.89" x 6.89" x 3.23"

9. WARRANTY AND SUPPORT

Ensenior provides a **5-year coverage** for this product, ensuring peace of mind against manufacturing defects and performance issues. For any questions, technical assistance, or warranty claims, please contact Ensenior customer support through the retailer's platform or visit the official Ensenior website for contact information.

Please have your model number (769044669733) and purchase date available when contacting support.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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.

Submit question