

## Ensenior 769044652735

# Ensenior 24-Inch LED Under Cabinet Light User Manual

Model: 769044652735

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ensenior 24-Inch LED Under Cabinet Light. This versatile lighting fixture offers both hardwired and plug-in installation options, 5CCT color temperature selection, and dimmable brightness levels to suit various lighting needs.

Key features include:

- **Flexible Installation:** Choose between hardwired or plug-in setup.
- **Linkable Design:** Connect multiple units seamlessly using the included connector or linking cord.
- **Adjustable Color Temperature:** Select from 5 CCT options (2700K, 3000K, 3500K, 4000K, 5000K).
- **Dimmable Brightness:** Adjust light intensity from 0% to 100%.
- **Energy Efficient:** 14W, 930LM output with a long lifespan of 50,000 hours.
- **High Color Rendering:** CRI $\geq$ 90 for accurate color representation.

## 2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Retain this manual for future reference.

- **Electrical Safety:** Always disconnect power at the circuit breaker before installing or servicing the fixture. If you are unsure about electrical wiring, consult a qualified electrician.
- **Indoor Use Only:** This product is designed for indoor use in dry locations. Do not expose to water or moisture.
- **Voltage:** Ensure the power supply voltage matches the fixture's requirement (120V).
- **Mounting:** Mount the fixture securely to a stable surface.
- **Heat:** While LED lights produce less heat than traditional bulbs, ensure adequate ventilation around the fixture.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x Ensenior 24-Inch LED Under Cabinet Light Fixture
- 1x Strain Relief
- 2x Mounting Screws
- 2x Screw Caps
- 1x End-to-End Connector
- 1x Linking Cord (15 inches)
- 1x Power Cord (59 inches)



Figure 3.1: Product dimensions and included accessories.

## 4. SPECIFICATIONS

Feature	Specification
Brand	Ensenior
Model Number	769044652735
Product Dimensions	24.49"L x 2.76"W x 0.98"H
Material	Aluminum, Polycarbonate (Shade)
Color	White
Power Source	AC
Voltage	120 Volts
Wattage	14W
Brightness	930 Lumens
Color Temperature (CCT)	5CCT Selectable (2700K/3000K/3500K/4000K/5000K)
Color Rendering Index (CRI)	≥90
Lifespan	50,000 hours
Installation Type	Hardwired or Plug-in
Special Feature	Dimmable
Indoor/Outdoor Usage	Indoor Only

## 5. INSTALLATION

Your Ensenior under cabinet light can be installed in two ways: hardwired or plug-in. Always ensure power is disconnected at the circuit breaker before starting any electrical work.



Figure 5.1: Overview of installation and linking options.

## 5.1 Hardwired Installation

1. **Prepare Wiring:** Turn off power at the circuit breaker. Insert the supply wires through the strain relief on the fixture.
2. **Connect Wires:** Pull the three wires (Live, Neutral, Ground) out of the fixture's wiring compartment. Connect them to your household wiring using appropriate wire connectors (not included). Ensure proper polarity (Live to Live, Neutral to Neutral, Ground to Ground).
3. **Secure Wires:** Carefully tuck the connected wires back into the fixture's wiring compartment.
4. **Mount Fixture:** Secure the fixture to the desired surface using the provided mounting screws. Tighten the screws to complete the installation.



Figure 5.2: Hardwired installation steps.

## 5.2 Plug-in Installation

1. **Prepare Fixture:** Remove the port cover from the side of the light fixture.
2. **Connect Power Cord:** Insert the provided power cord into the port.
3. **Mount Fixture:** Secure the fixture to the desired surface using the provided mounting screws.
4. **Plug In:** Plug the power cord into a standard 120V electrical outlet.



Figure 5.3: Plug-in installation steps.

## 5.3 Linking Multiple Units

Multiple Ensenor under cabinet lights can be linked together for extended illumination. You can use either the end-to-end connector or the linking cord:

- **End-to-End Connection:** Directly connect two fixtures by inserting the end-to-end connector into the linking ports of adjacent lights.
- **Linking Cord Connection:** Use the 15-inch linking cord to connect two fixtures that are not directly adjacent. Insert each end of the cord into the linking ports of the respective lights.

## 6. OPERATING INSTRUCTIONS

The Ensenor under cabinet light features integrated controls for color temperature and brightness adjustment.

### 6.1 Color Temperature Selection (5CCT)



Locate the CCT selector switch on the fixture. This switch allows you to cycle through five distinct color temperatures:

- **2700K:** Warm White
- **3000K:** Soft White
- **3500K:** Neutral White
- **4000K:** Cool White
- **5000K:** Daylight White

Flip the dial or switch to select your preferred color temperature. The fixture will remember your last setting when turned off and on.



Figure 6.1: Visual representation of 5CCT options.

## 6.2 Brightness Dimming

The fixture includes a built-in dimmer switch, eliminating the need for an external dimmer. The dimmer allows for brightness adjustment from 0% to 100%.

- **Adjust Brightness:** Slide the dimmer switch to increase or decrease the light output to your desired level.
- **Memory Function:** The light will retain its last brightness setting when powered off and on.



Figure 6.2: Built-in dimmer control.

## 7. MAINTENANCE

The Ensenior LED Under Cabinet Light requires minimal maintenance.

- **Cleaning:** Ensure the fixture is turned off and cool before cleaning. Wipe the surface with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electrical components.
- **Bulb Replacement:** The LED light source is integrated and not user-replaceable. The fixture has a long lifespan of 50,000 hours under normal operating conditions.

## 8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on	No power supply Loose connection Faulty switch	Check circuit breaker and wall switch. Ensure power cord is securely plugged in (for plug-in). Verify hardwired connections are secure.
Light flickers	Unstable power supply Loose wiring	Ensure stable power. Check all electrical connections for tightness.
Cannot change CCT or brightness	Switch/slider not fully engaged Internal malfunction	Ensure the CCT switch and dimmer slider are moved completely to the desired position. If the issue persists, contact customer support.
Linked lights not working	Improper linking connection	Ensure linking cord or end-to-end connector is securely inserted into both fixtures.

If troubleshooting steps do not resolve the issue, please contact Ensenior customer support for assistance.

## 9. WARRANTY AND SUPPORT

Ensenior products are designed for quality and durability. For warranty information or technical support, please refer to the product packaging or visit the official Ensenior website. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may contact Ensenior customer service through their official channels.

© 2023 Ensenior. All rights reserved.



	<p><a href="#"><u>Ensenior LED Can Lights: Troubleshooting Guide and User Manual</u></a></p> <p>Ensenior's user manual provides essential troubleshooting steps for their 5/6 inch LED Can Lights. Address common issues such as lights not turning on, dimming problems, flickering, and buzzing sounds. Learn about compatible dimmers, proper installation, and contact Ensenior for support. Features ETL, Energy Star, FCC, and ROHS certifications.</p>
	<p><a href="#"><u>Ensenior Ultra-Thin LED Recessed Lighting User Manual</u></a></p> <p>Comprehensive user manual for Ensenior Ultra-Thin LED Recessed Lighting, covering installation, features, and specifications for various models.</p>
	<p><a href="#"><u>Ensenior LED Ceiling Light User Manual and Troubleshooting Guide</u></a></p> <p>Comprehensive user manual for Ensenior LED Ceiling Lights, covering installation, troubleshooting common issues like unlit or flickering lights, dimmer compatibility, and product specifications. Includes warranty information and customer support contact details.</p>
	<p><a href="#"><u>Ensenior Solar Motion Activated Security Light User Manual</u></a></p> <p>This user manual provides instructions for the Ensenior Solar Motion Activated Security Light, covering installation, features, modes, and frequently asked questions. It details how to set up the motion light, solar panel, and remote control for optimal performance.</p>
	<p><a href="#"><u>Ensenior 52\" Ceiling Fan with Light and Remote Control User Manual</u></a></p> <p>Comprehensive user manual for the Ensenior 52\" Ceiling Fan, detailing installation, operation, troubleshooting, and safety instructions for models 52-335, 52-425, and 52-322.</p>
	<p><a href="#"><u>Ensenior LED Can Lights: Troubleshooting Guide and User Manual</u></a></p> <p>Ensenior's user manual provides essential troubleshooting steps for their 5/6 inch LED Can Lights. Address common issues such as lights not turning on, dimming problems, flickering, and buzzing sounds. Learn about compatible dimmers, proper installation, and contact Ensenior for support. Features ETL, Energy Star, FCC, and ROHS certifications.</p>