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› [LEONLITE 1x4FT 3CCT LED Flat Panel Light Instruction Manual](#)

## LEONLITE A-85610

# LEONLITE 1x4FT 3CCT LED Flat Panel Light

Model: A-85610 | Instruction Manual

## 1. SAFETY INSTRUCTIONS

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

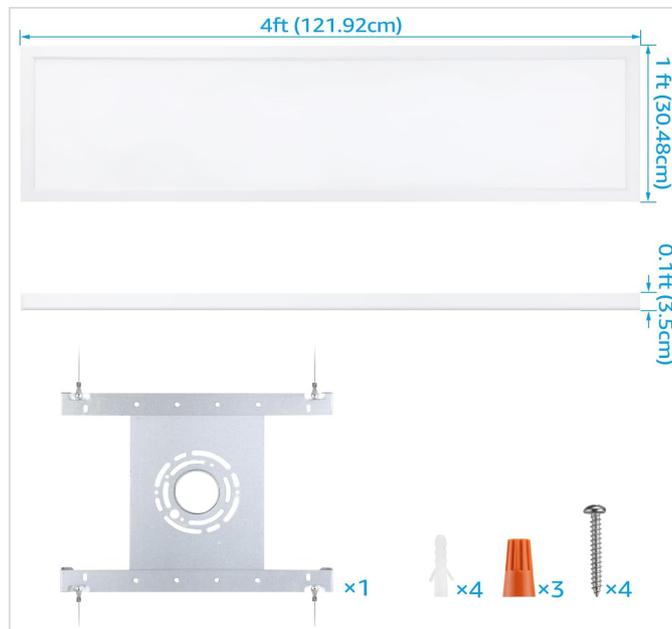
- **Electrical Safety:** Always turn off power at the circuit breaker before beginning installation or maintenance. Ensure proper grounding to avoid electrical shock.
- **Qualified Electrician:** If you are unsure about electrical wiring, consult a qualified electrician.
- **Voltage Compatibility:** This fixture is designed for 120V AC residential applications. Do not connect to any other voltage.
- **Fixture Integrity:** Do not modify the fixture. Any modifications may compromise safety and void the warranty.
- **Handling:** Handle the light panel with care to prevent damage. Avoid touching the LED surface directly.

## 2. PACKAGE CONTENTS

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Verify that all components are present before installation:

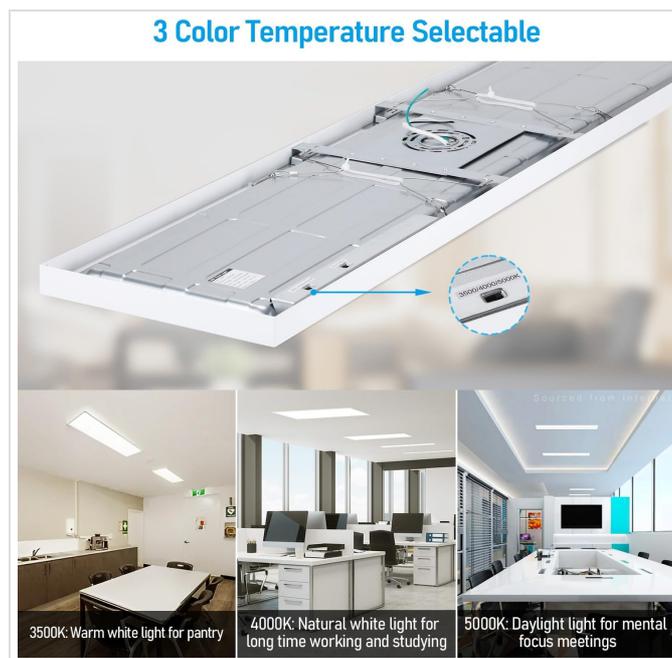
- LEONLITE 1x4FT LED Flat Panel Light (2 units)
- Mounting Bracket (1 per light)
- Wall Anchors (4 per light)
- Wire Nuts (3 per light)
- Screws (4 per light)



This technical diagram illustrates the precise dimensions of the LEONLITE 1x4FT LED Flat Panel Light (47.44 inches L x 12 inches W x 1.32 inches H). The image also details the included installation components: one mounting bracket, four wall anchors, three wire nuts, and four screws.

### 3. PRODUCT FEATURES

- **3 Wattage Selectable:** Choose between 30W (3000LM), 40W (4000LM), or 46W (4600LM) to adjust brightness according to your needs.
- **3 Color Temperature Selectable:** Select from 3500K (Warm White), 4000K (Natural White), or 5000K (Daylight) to match existing lighting or desired ambiance.
- **Optimized for 120V Residential Use:** Features an isolated flicker-free driver for stable and eye-friendly illumination.
- **5%-100% Dimmable:** Compatible with Triac dimmers for a wide range of brightness control.
- **Durable & Long Lasting:** Constructed with an aluminum housing for heat dissipation and a 50,000-hour lifespan.
- **Certifications:** ETL and FCC listed for safety and quality assurance.



A detailed view of the LEONLITE LED Flat Panel Light's internal components, specifically highlighting the switch for selecting one of three color temperatures: 3500K (Warm White), 4000K (Natural White), and 5000K (Daylight). This allows users to customize the lighting ambiance.



A detailed view of the LEONLITE LED Flat Panel Light's internal components, specifically highlighting the switch for selecting one of three wattage options: 30W, 40W, or 46W. This allows users to adjust the brightness output of the light.

## 4. SETUP AND INSTALLATION

Follow these steps for proper installation. Ensure power is OFF at the circuit breaker before starting.

1. **Attach Mounting Bracket:** Secure the mounting bracket to the existing junction box on the ceiling using appropriate screws.
2. **Hang Safety Cable and Wire:** Attach the safety cable from the light fixture to the mounting bracket. Connect the electrical wires (black to black, white to white, green/bare to ground) using wire nuts.
3. **Mount Panel Light:** Carefully slide the LED panel light onto the installed mounting bracket until it securely locks into place.



This image illustrates the three main steps for installing the LEONLITE LED Flat Panel Light: first, securing the mounting bracket to the ceiling junction box; second, connecting the safety cable and electrical wiring; and third, sliding the panel light onto the bracket until it locks securely.

Your browser does not support the video tag.

This video provides a visual guide to the key features of the LEONLITE 1x4FT LED Flat Panel Light, including its selectable wattage and color temperature, dimming capabilities, and a step-by-step demonstration of the installation process.

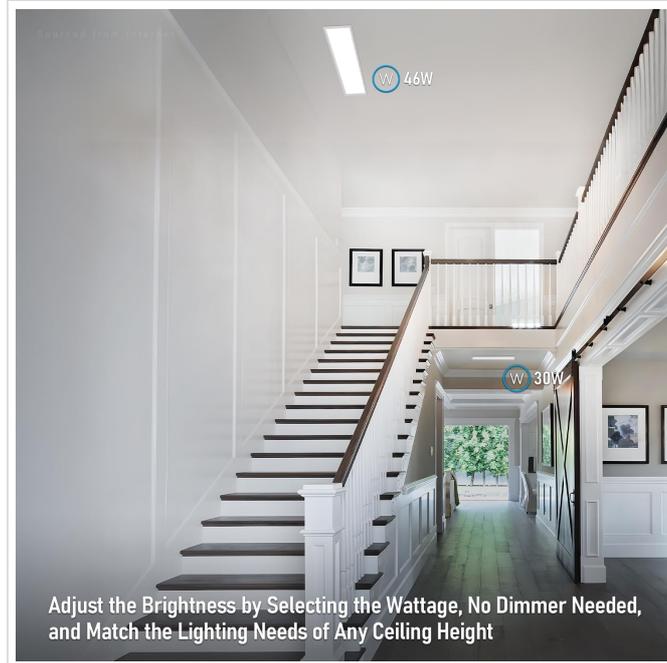
## 5. OPERATING INSTRUCTIONS

The LEONLITE LED Flat Panel Light offers adjustable settings for both brightness and color temperature.

- **Adjusting Wattage (Brightness):** Locate the wattage selection switch on the back of the fixture (refer to Section 3,

Product Features image). Select your desired wattage: 30W, 40W, or 46W. This setting determines the maximum brightness output.

- **Adjusting Color Temperature:** Locate the color temperature selection switch on the back of the fixture (refer to Section 3, Product Features image). Choose between 3500K, 4000K, or 5000K to set the desired light color.
- **Dimming:** This fixture is 5%-100% dimmable when used with compatible Triac dimmers. Ensure your dimmer is suitable for LED lighting.



An image showing LEONLITE LED Flat Panel Lights installed in a modern home's staircase and hallway. The image highlights the ability to adjust brightness by selecting wattage (e.g., 46W for brighter areas, 30W for less intense lighting) to suit different ceiling heights and lighting needs without a dimmer.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your LEONLITE LED Flat Panel Light, follow these simple maintenance guidelines:

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry, or slightly damp cloth to 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 fixture for any signs of damage or loose connections. If any issues are found, turn off the power and consult a qualified electrician.
- **No User-Serviceable Parts:** The LED components are integrated and not user-serviceable. Do not attempt to open or repair the fixture yourself.

## 7. TROUBLESHOOTING

If you encounter issues with your LED Flat Panel Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Loose wiring; Faulty switch/breaker	Check circuit breaker and wall switch. Verify all wire connections are secure. Test with a known working power source.
Light flickers or dims unexpectedly	Incompatible dimmer; Loose wiring; Voltage fluctuations	Ensure dimmer is compatible with LED fixtures (Triac dimmer recommended). Check wiring connections. Consult an electrician if voltage issues persist.

Problem	Possible Cause	Solution
Incorrect color temperature or brightness	Incorrect switch setting	Verify the wattage and color temperature selection switches are set to your desired options (refer to Section 5).

If the problem persists after attempting these solutions, please contact customer support.

## 8. SPECIFICATIONS

Attribute	Detail
Brand	LEONLITE
Model Number	A-85610
Color	White-3CCT
Material	Aluminum
Style	Modern, Close to Ceiling
Product Dimensions	47.44"L x 12"W x 1.32"H
Power Source	AC
Voltage	120 Volts (AC)
Light Source Type	LED
Wattage	30W/40W/46W Selectable
Brightness	3000LM/4000LM/4600LM Selectable
Color Temperature	3500K/4000K/5000K Selectable
Dimmable	5%-100% (Triac dimmers compatible)
Lifespan	50,000 hours
Certifications	ETL, FCC
Item Weight	14.11 pounds

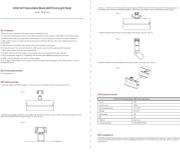
## 9. WARRANTY AND SUPPORT

This LEONLITE LED Flat Panel Light is backed by a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact LEONLITE customer service. Please have your model number (A-85610) and proof of purchase available when contacting support.

### Related Documents - A-85610

	<p><a href="#">LeonLite LITEdge 4-Light Smart Ceiling Fixture User Manual and Quick Start Guide</a></p> <p>Comprehensive guide for the LeonLite LITEdge 4-Light Smart Ceiling Fixture, covering features, installation, app pairing, troubleshooting, and frequently asked questions. Learn how to set up and use your smart lighting solution.</p>
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	<p><a href="#">LeonLite LED Motion Security Light User Manual</a></p> <p>User manual for the LeonLite LED Motion Security Light, covering installation, operation, and warranty information. Includes safety warnings and product specifications.</p>
	<p><a href="#">LeonLite LITEdge LED Wall Light User Manual - Installation and Specifications</a></p> <p>Comprehensive user manual for the LeonLite LITEdge LED Wall Light, including installation guides, safety instructions, troubleshooting, specifications, and warranty information.</p>
	<p><a href="#">LeonLite 5W Waterproof Deck Light User Manual   Installation, Specifications, and Troubleshooting</a></p> <p>User manual for the LeonLite 5W Waterproof Deck Light, providing detailed installation instructions, package contents, technical specifications, troubleshooting guide, and warranty information. Essential for proper setup and maintenance of your outdoor lighting.</p>
	<p><a href="#">24W CCT Selectable Black LED Track Light Head User Manual   LEONLITE</a></p> <p>Detailed user manual for the LEONLITE 24W CCT Selectable Black LED Track Light Head, covering installation, specifications, and warranty information.</p>
	<p><a href="#">LeonLite 5W AC/DC 12V Low Voltage LED Landscape Light - Directional Outdoor Lighting</a></p> <p>Explore the LeonLite 5W AC/DC 12V LED Landscape Light, designed for durable outdoor illumination. Features corrosion-resistant aluminum housing, IP65 waterproof rating, adjustable lamp head, and a 5-year warranty.</p>