Sunco Lighting PN24_HO-4060K

Sunco 2x4 LED Flat Panel Light Instruction Manual

Model: PN24_HO-4060K
Brand: Sunco Lighting

1. PRODUCT OVERVIEW

The Sunco 2x4 LED Flat Panel Light is a high-output, selectable ceiling fixture designed for various indoor commercial and industrial applications. This panel offers adjustable color temperature (CCT) and wattage settings, providing versatile lighting solutions for offices, schools, warehouses, and more. Its slim, dustproof design ensures easy installation and reduced maintenance.

- **3-in-1 CCT:** Selectable color temperatures (4000K, 5000K, 6000K) to suit different environments.
- **Dimmable:** Features 0-10V dimming capabilities for adjustable brightness.
- **Commercial Grade:** Integrated backlit design for brighter, more efficient lighting, replacing traditional fixtures.
- **Long Lifespan:** Designed for extended operational life, reducing the need for frequent replacements.
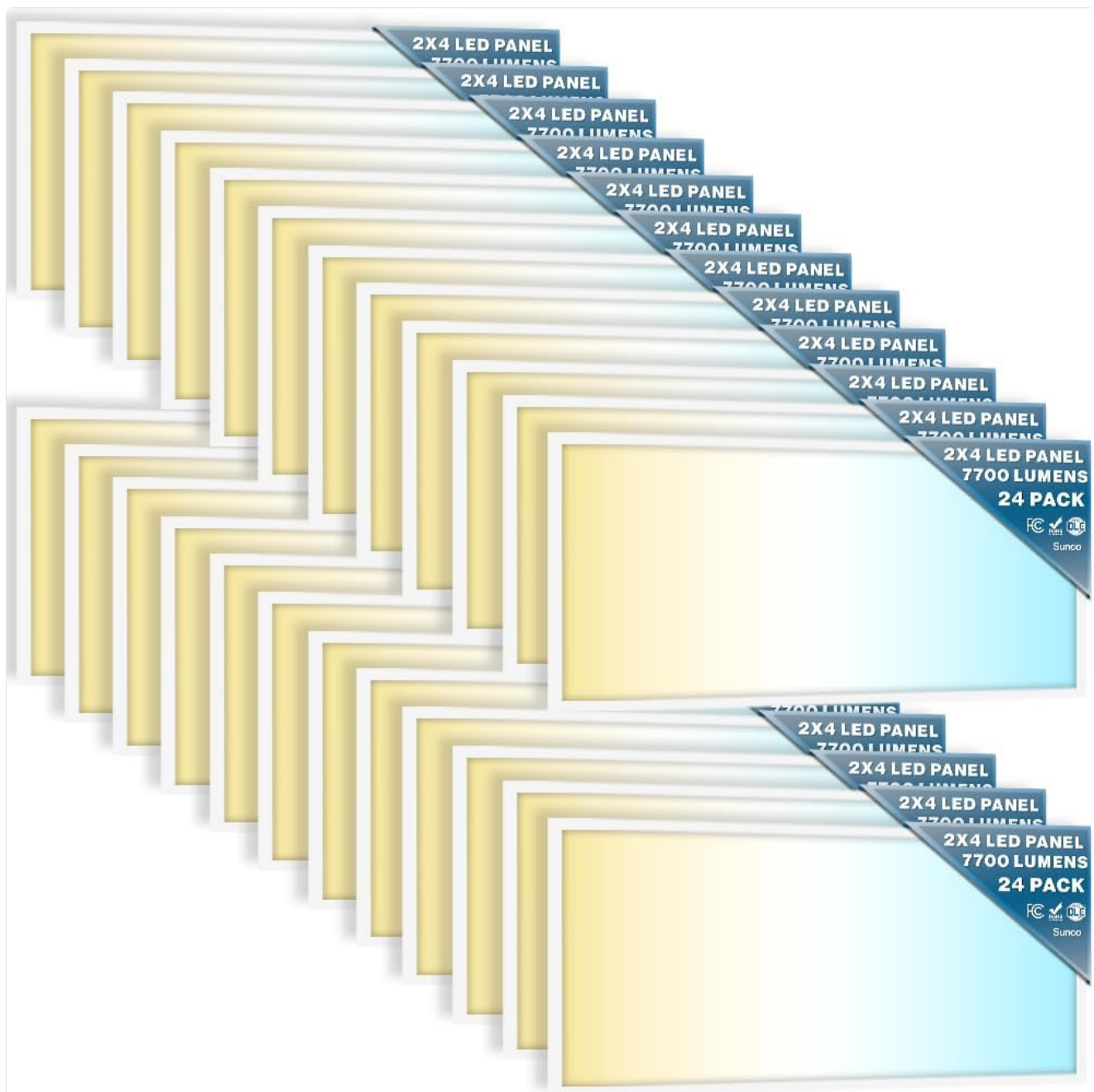
Image: A stack of Sunco 2x4 LED Flat Panel Lights, indicating a 24-pack. These panels are designed for efficient and versatile lighting in commercial settings.

2x4 High Lumen Ceiling Panel

7700 Lumens

USA AMERICAN COMPANY

Image: An office space illuminated by multiple 2x4 LED ceiling panels, highlighting their high lumen output and suitability for large areas.

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Video: An overview of the Sunco 2x4 Dual Selectable High Output Ceiling Panel, demonstrating its features and benefits for commercial applications.
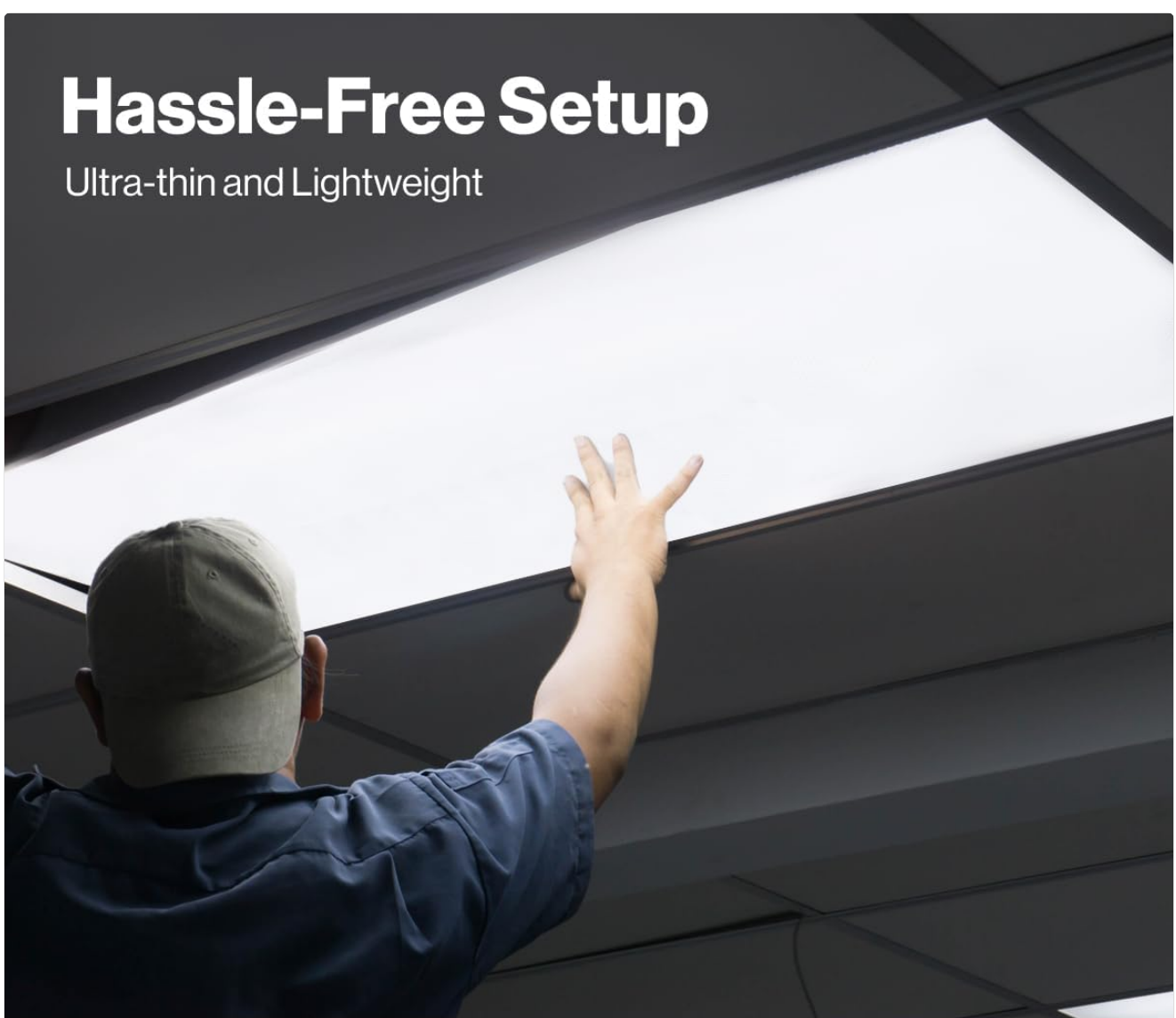
2. SETUP AND INSTALLATION

The Sunco 2x4 LED Flat Panel Light is designed for straightforward installation in various ceiling types. For detailed instructions, please refer to the official Installation Manual PDF linked below. The panel supports recessed or suspended mounting.
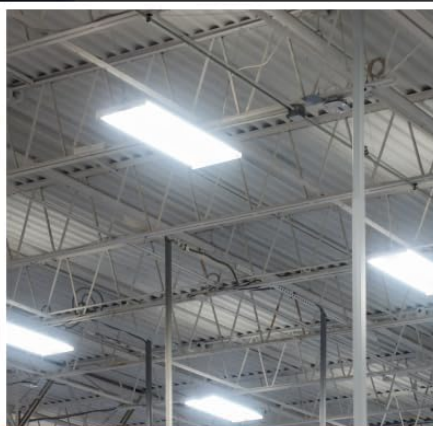
Before Installation:

- Ensure power is turned off at the circuit breaker before beginning any electrical work.
- Verify the panel's wattage and color temperature settings using the integrated slider switches on the side of the fixture. Adjust to your desired output (40W/50W/60W) and color (4000K/5000K/6000K) before mounting.

Hassle-Free Setup

Ultra-thin and Lightweight

| Recessed Grid Ceiling | Suspended (Kit NOT Included) | Surface Frame (Kit NOT Included) |

Image: A person installing a Sunco LED panel light into a drop ceiling, demonstrating the ease of installation for recessed grid ceilings. The image also shows options for suspended and surface frame mounting (kits not included).

6000K
Daylight Deluxe

5000K
Daylight

4000K
Cool White

6000K/5000K/4000K

40W-50W-60W

3-in-1 Color Temperatures and Wattage options

40W
5000 Lumens

50W
6500 Lumens

60W
7700 Lumens

Image: Close-up view of the selectable switches on the side of the LED panel, showing options for 40W, 50W, 60W wattage and 4000K, 5000K, 6000K color temperatures.

For detailed installation steps, please refer to the official Installation Manual (PDF).

3. OPERATING INSTRUCTIONS

Once installed, the Sunco 2x4 LED Flat Panel Light provides instant, flicker-free illumination. The fixture's settings

for wattage and color temperature are pre-selected during installation using the physical switches on the unit.

- **Power On/Off:** Control the light using a standard wall switch connected to the fixture's power supply.
- **Dimming:** If connected to a compatible 0-10V dimmer switch, the brightness of the panel can be adjusted seamlessly from 0% to 100%.
- **Color Temperature Selection:** The desired color temperature (4000K, 5000K, or 6000K) is set via a slider switch on the fixture prior to final installation. This setting is static once installed.
- **Wattage Selection:** The desired wattage (40W, 50W, or 60W) is also set via a slider switch on the fixture prior to final installation, controlling the lumen output.

Image: Three identical office scenes showing the same 2x4 LED panel light at different brightness levels (60W/7700 Lumens, 50W/6500 Lumens, 40W/5000 Lumens), illustrating the adjustable wattage feature.
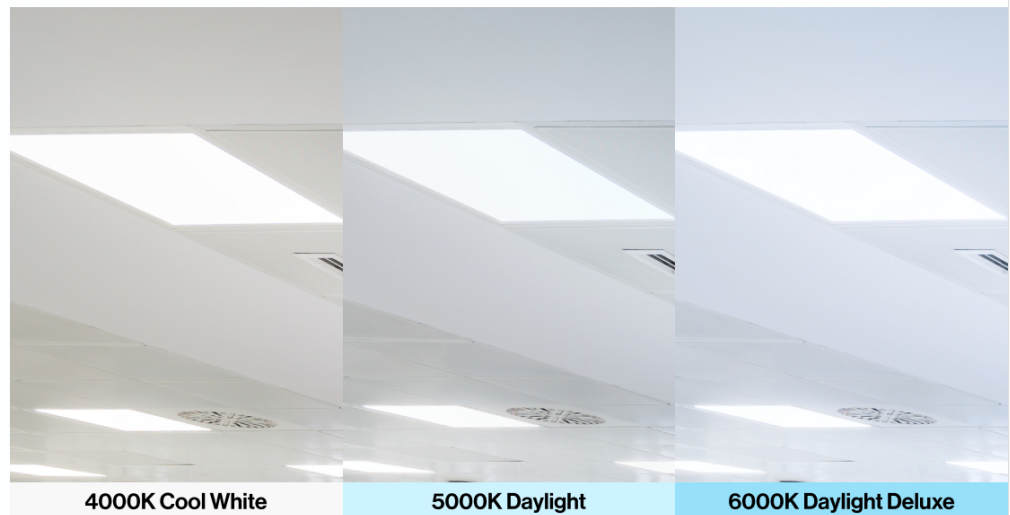

Image: A close-up of the CCT slider switch on the light panel, alongside three images showing the light output at 4000K (Cool White), 5000K (Daylight), and 6000K (Daylight Deluxe), demonstrating the selectable color temperature feature.

4. MAINTENANCE

The Sunco 2x4 LED Flat Panel Light is designed for minimal maintenance due to its durable construction and long-lasting LED technology. The dustproof design helps reduce the accumulation of debris.

- **Cleaning:** Periodically wipe the surface of the panel with a soft, damp cloth to remove dust and dirt. Do not

use abrasive cleaners or solvents. Ensure the power is off before cleaning.

- **Inspection:** Regularly inspect the fixture for any visible damage or loose connections. If any issues are found, consult a qualified electrician.
- **LED Lifespan:** The LEDs are designed for an average life of 50,000 hours, significantly reducing the need for bulb replacements.

Long-Lasting Performance

50,000 hour lifespan.

Say goodbye to frequent replacements.

Image: A graphic illustrating the 50,000-hour lifespan of the Sunco LED panel, emphasizing its durability and reduced replacement frequency.

5. TROUBLESHOOTING

If you encounter issues with your Sunco 2x4 LED Flat Panel Light, please refer to the following common troubleshooting steps. For more complex problems, consult the User Guide or contact customer support.

- **Light Not Turning On:**

  - Check the power supply at the circuit breaker.
  - Ensure all wiring connections are secure and correct according to the installation manual.
  - Verify the wall switch is functioning properly.

- **Flickering or Dimming Issues:**

  - Ensure the dimmer switch (if used) is compatible with 0-10V dimming.
  - Check for loose wiring connections at the fixture or dimmer.
  - Confirm the wattage selection switch is set correctly.

- **Incorrect Color Temperature:**

  - Verify the CCT slider switch on the fixture is set to the desired color temperature (4000K, 5000K, or 6000K). This setting must be made before final installation.

For further assistance, please refer to the officialUser Guide (PDF) or contact Sunco Lighting customer support.

6. Specifications

Feature	Detail
Brand	Sunco Lighting
Model Name	PN24_HO-4060K
Product Dimensions	47.7"L x 23.7"W x 1.46"H
Item Weight	240 pounds (for 24-pack)
Color Temperature	Selectable (4000K, 5000K, 6000K)
Wattage	Selectable (40W, 50W, 60W)
Brightness	Up to 7700 Lumens (at 60W)
Dimmable	Yes (0-10V)
Voltage	277 Volts
Lifespan	50,000 Hours
Material	Housing: SPCC+PS Lens
Installation Type	Surface or Suspension Mount
Indoor/Outdoor Usage	Indoor use only
Special Features	Dimmable, Dustproof

7. Warranty and Support

Sunco Lighting is committed to providing high-quality products and excellent customer service.
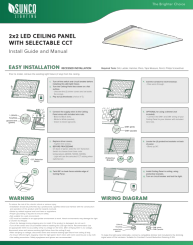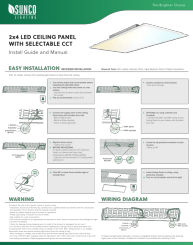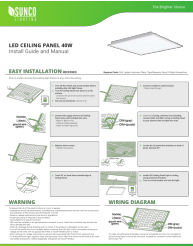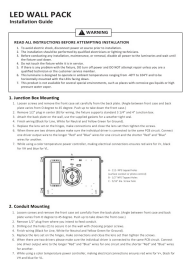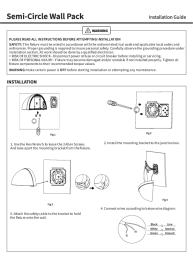
- **Warranty:** This product is backed by a 7-year protection plan, ensuring peace of mind regarding your purchase.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact Sunco Lighting customer support. Dedicated support specialists are available to assist you.

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Video: A promotional video titled 'Get to know Sunco,' highlighting the company's commitment to customer satisfaction, product testing, and support.

Related Documents - PN24_HO-4060K

[Sunco Lighting 2x2 LED Selectable Ceiling Panel Installation Manual](#)
Comprehensive installation guide for the Sunco Lighting 2x2 LED Selectable Ceiling Panel (PN22_DU-WH-4060K). Learn how to safely install and wire this energy-efficient, dimmable LED fixture with selectable wattage and color temperature options.

[Sunco Lighting 2x2 LED Panel Light - Selectable CCT Installation Guide & Manual](#)
Comprehensive installation guide and manual for the Sunco Lighting 2x2 LED Ceiling Panel with Selectable CCT. Learn how to install recessed or suspended fixtures, wiring diagrams, safety warnings, and specifications.

[Sunco Lighting 2x4 LED Ceiling Panel with Selectable CCT - Installation Guide & Specifications](#)
Comprehensive installation guide and specifications for the Sunco Lighting 2x4 LED Ceiling Panel with Selectable CCT. Covers recessed and suspension mounting, wiring, safety warnings, and technical details for this 50W dimmable fixture.

[Sunco Lighting LED Ceiling Panel 40W Install Guide and Manual](#)
Comprehensive installation guide and manual for the Sunco Lighting 40W LED Ceiling Panel. Covers both recessed and suspension mounting, safety warnings, wiring diagrams, and technical specifications. Designed for professional installation.

[LED Wall Pack Installation Guide - Sunco Lighting](#)
Comprehensive installation guide for Sunco Lighting LED Wall Pack fixtures, covering junction box and conduit mounting, wiring, photocell installation, and troubleshooting.

[Semi-Circle Wall Pack Installation Guide: Selectable Wattage & CCT LED Fixture](#)
Comprehensive installation guide for the Sunco Lighting Semi-Circle Wall Pack, featuring selectable wattage, CCT, and dusk-to-dawn photocell functionality. Includes safety warnings, step-by-step mounting instructions, wiring diagrams, and DIP switch configuration.