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› Sunco 2x4 LED Flat Panel Light Instruction Manual

Sunco Lighting PN24_HO-4060K

Sunco 2x4 LED Flat Panel Light Instruction Manual

Model: PN24_HO-4060K

1. PRODUCT OVERVIEW

The Sunco 2x4 LED Flat Panel Light is a versatile and efficient lighting solution designed for various indoor settings, including offices, gyms, and schools. It features selectable color temperature (CCT) and wattage, dimmable capabilities, and a durable, dustproof design for long-lasting performance.



Image: Sunco 2x4 LED Flat Panel Light providing bright illumination in a modern office environment.

2. KEY FEATURES

- **3-in-1 Selectable CCT:** Choose between 4000K (Cool White), 5000K (Daylight), and 6000K (Daylight Deluxe) to suit your environment.
- **Selectable Wattage:** Adjust brightness with 40W (6500 Lumens), 50W (7500 Lumens), or 60W (8500 Lumens) options.
- **Dimmable (0-10V):** Seamless dimming capabilities for adjustable light levels without buzzing or flickering.
- **Commercial Grade:** Integrated, backlit design replaces outdated HID fixtures or fluorescent tubes, suitable for

recessed or suspended installation.

- **Dustproof and Flicker-Free:** Ensures maximum eye comfort and reduced long-term maintenance.
- **Long-Lasting Performance:** Designed for a 50,000-hour lifespan.



Image: Detailed view of the selectable color temperature (4K, 5K, 6K) and wattage (40W, 50W, 60W) switches on the panel, allowing for customization of light output.

3. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to do so may result in electric shock, fire, or other hazards.

- Ensure power is turned off at the circuit breaker before installation or maintenance.
- This product is for indoor use only.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not modify the fixture or use it for purposes other than its intended use.
- Keep away from water and excessive moisture. This product is not water resistant.

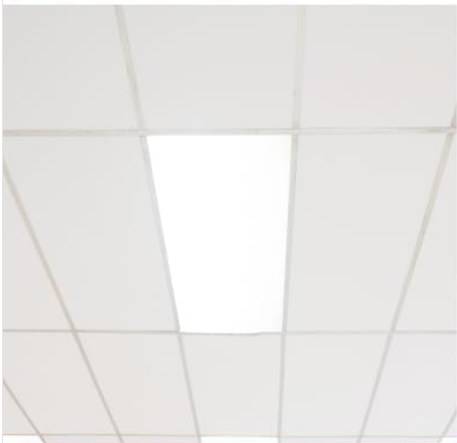
4. INSTALLATION

The Sunco 2x4 LED Flat Panel Light offers flexible installation options: recessed, suspended, or surface mount. Detailed instructions are available in the official Installation Manual PDF. Always ensure proper wiring and secure mounting.

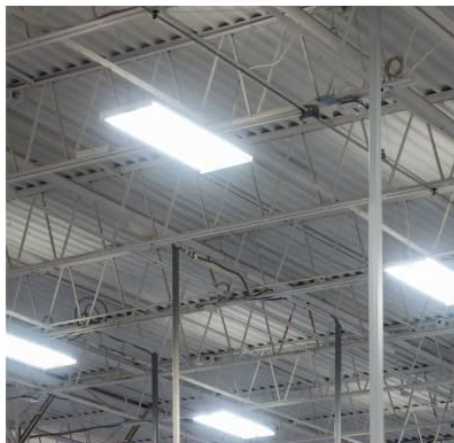
- **Recessed Grid Ceiling:** Designed to fit standard drop ceilings.
- **Suspended Mount:** Requires a suspension kit (not included).
- **Surface Mount:** Requires a surface frame kit (not included).

Hassle-Free Setup

Ultra-thin and Lightweight



Recessed Grid Ceiling



Suspended (Kit NOT Included)



Surface Frame (Kit NOT Included)

Image: Visual guide illustrating the ease of installation for recessed grid ceilings, suspended mounting (kit not included), and surface frame mounting (kit not included).

For detailed installation steps, please refer to the [Official Installation Manual \(PDF\)](#).

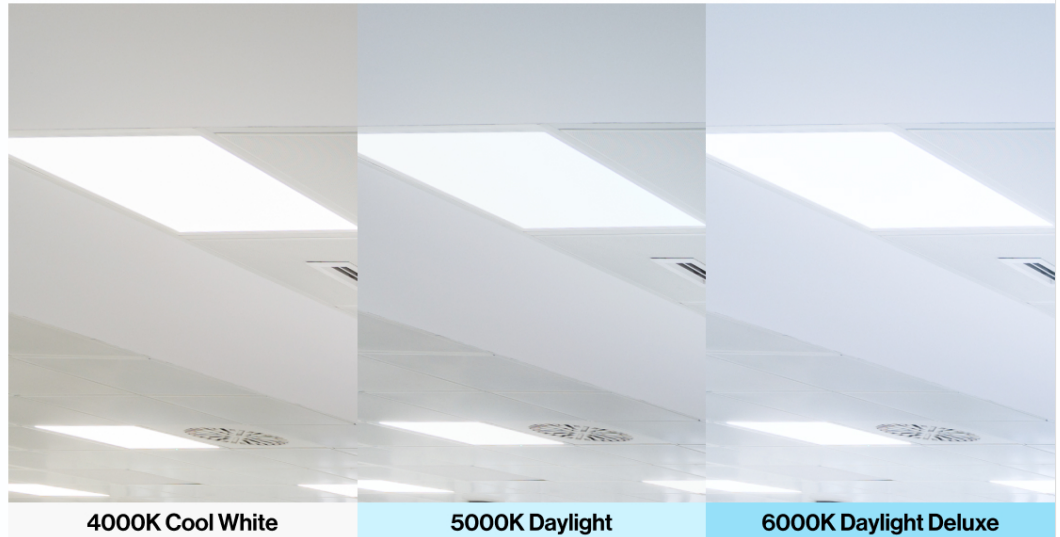
5. OPERATING INSTRUCTIONS

The Sunco LED Flat Panel Light allows for customization of light output through its integrated switches.

- **Color Temperature Selection (CCT):** Locate the CCT slider switch on the panel. Slide the switch to select your desired color temperature: 4000K, 5000K, or 6000K. This setting should be chosen during installation.
- **Wattage Selection:** Locate the wattage slider switch on the panel. Slide the switch to select your desired brightness level: 40W, 50W, or 60W. This setting should also be chosen during installation.
- **Dimming:** This fixture supports 0-10V dimming. Connect to a compatible 0-10V dimmer switch (not included) for adjustable brightness.

Selectable CCT

Select the ideal color temperature for any task.



4000K Cool White

5000K Daylight

6000K Daylight Deluxe

Image: Examples of selectable CCT options (4000K Cool White, 5000K Daylight, 6000K Daylight Deluxe) demonstrating the versatility of the light panel.

Dimmable Without a Dimmer

Adjust your brightness by flipping a switch.



60W = 8500 Lumens

50W = 7500 Lumens

40W = 6500 Lumens

Image: Visual representation of dimmable wattage options (60W, 50W, 40W) and their corresponding lumen outputs, allowing for brightness adjustment without a separate dimmer switch.

6. MAINTENANCE

The Sunco LED Flat Panel Light requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check for any visible damage to the fixture or wiring. If damage is found, discontinue use and consult a qualified electrician.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose wiring, faulty switch.	Check circuit breaker. Verify wiring connections. Test the switch.
Light flickers or buzzes.	Incompatible dimmer, loose connection, power fluctuations.	Ensure 0-10V dimmer compatibility. Check wiring. Consult electrician if power issues persist.
Incorrect color temperature or brightness.	CCT/Wattage switch set incorrectly.	Adjust the CCT and wattage slider switches on the fixture.

If issues persist, please contact Sunco Lighting customer support.

8. SPECIFICATIONS

Attribute	Value
Brand	Sunco Lighting
Model Name	PN24_HO-4060K
Size	2x4
Product Dimensions	47.7"L x 23.7"W x 1.46"H
Item Weight	51.4 pounds
Color Temperature	3 CCT in One (4000K, 5000K, 6000K)
Wattage	40W/50W/60W selectable (Max 60 watts)
Brightness	Up to 8500 Lumens
Dimmable	Yes (0-10V)
Lifespan	50,000 Hours
Indoor/Outdoor Usage	Indoor use only
Material	Housing: SPCC+PS Lens
Voltage	277 Volts
Certifications	ETL Listed, DLC, RoHS Compliant

Commercial-Grade Brightness

7
Year
Coverage

45
Year
Lifespan

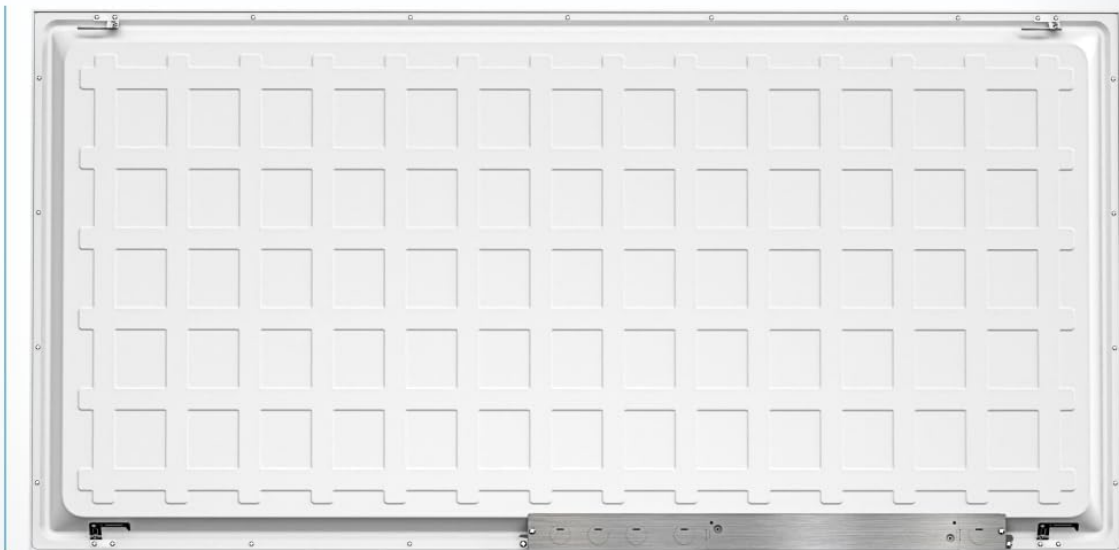
120°
Beam
Angle

8500
Lumens
Brightness

1.2"



23.7"



47.7"



Flicker-Free



Damp-Rated



Dustproof



Dimmable



Image: Key specifications including dimensions (47.7" x 23.7" x 1.2"), 7-year coverage, 45-year lifespan, 120° beam angle, 8500 lumens brightness, and certifications like Flicker-Free, Damp-Rated, Dustproof, Dimmable, DLC, FC, ETL, and RoHS Compliant.

9. WARRANTY AND SUPPORT

Sunco Lighting offers a 7-year protection plan for this product, ensuring peace of mind and reliable performance. For any questions, concerns, or support needs, please contact Sunco Lighting customer service directly.

Sunco Lighting is committed to providing industry-leading coverage and dedicated support to its customers.

Your browser does not support the video tag.

Video: "Get to know Sunco" - Learn more about Sunco Lighting's commitment to quality and customer satisfaction, including their in-house testing, design philosophy, and customer support.

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For more information, visit the [Sunco Lighting Store on Amazon](#).

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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.

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Email

you@example.com

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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

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