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› UL/DLC 4Pack 2x2 LED Flat Panel light Tunable 24W/29W/32W/39W & 4000K/5000K/6500K, Blue Light 4875LM Drop Ceiling Light 0-10V Dimmable 24x24 LED Light Fixture 120-277V 2x4 Panel Surface Mount Cloud Panel 2x2 FT - 3 CCT - 4 Pack

Nothing BUT LEDs 2x2 Cloud Panel

UL/DLC 2x2 LED Flat Panel Light User Manual

Brand: Nothing BUT LEDs | Model: 2x2 Cloud Panel

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Nothing BUT LEDs 2x2 LED Flat Panel Light. Please read this manual thoroughly before installation and retain it for future reference.



Figure 1: The 2x2 LED Cloud Panel lights, designed to mimic a natural sky, are shown stacked, highlighting their slim profile and aesthetic appeal.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Disconnect power before installation or servicing.

- Ensure all wiring is performed by a qualified electrician in accordance with national and local electrical codes.
- Verify that the supply voltage is compatible with the fixture's requirements (120-277V).
- Do not install in locations exposed to direct water spray or submersion. This product is Damp rated, not Water Resistant.
- Do not modify the fixture in any way. Unauthorized modifications may void the warranty and create safety hazards.
- Keep away from flammable materials.

3. PRODUCT FEATURES

- **Tunable Color Temperature (CCT):** Selectable 4000K (Natural White), 5000K (Daylight), or 6500K (Cool Light) to suit various environments and preferences.
- **Adjustable Wattage:** Selectable 24W, 29W, 32W, or 39W, allowing for energy optimization and brightness control.
- **0-10V Dimmable:** Compatible with 0-10V dimmers (dimmer not included) for smooth and flicker-free brightness adjustment from 0% to 100%.
- **High Brightness:** Emits up to 4875 Lumens with an impressive 125 Lumens/watt efficiency, providing ample illumination.
- **Easy Installation:** Slim design facilitates straightforward installation in various settings, including recessed,

suspension, and surface mounts.

- **Certifications:** UL and DLC certified, ensuring high standards of quality, safety, and energy efficiency.
- **Durable Construction:** Manufactured with a robust aluminum housing and a polycarbonate lens for long-lasting performance.
- **Aesthetic Design:** Features a unique "Blue Cloud" artificial skylight design, bringing a touch of nature indoors.

4. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- LED Flat Panel Light (Quantity: 4)
- Fasteners
- Mounting Screws
- User Manual (this document)

5. SETUP AND INSTALLATION

These 2x2 LED flat panel lights offer multiple installation options. Always ensure power is disconnected at the circuit breaker before installation or any electrical work.

5.1. Pre-Installation Steps

Before installing the fixture, adjust the wattage and color temperature using the dip switches located on the side of the panel.

1. **Select Wattage:** Use the dip switch to select the desired wattage (24W, 29W, 32W, or 39W). This setting determines the maximum brightness and power consumption.
2. **Select Color Temperature (CCT):** Use the dip switch to choose between 4000K (Natural White), 5000K (Daylight), or 6500K (Cool Light).



Figure 2: Adjustable Wattage settings (24W, 29W, 32W, 39W) for the LED panel light. This image illustrates how the light output changes with different wattage selections in a hallway setting, allowing users to choose their preferred brightness and energy consumption.



Figure 3: Selectable Color Temperature (CCT) options (4000K, 5000K, 6500K) for the LED panel light. The image displays an office environment with the lighting adjusted to different color temperatures, demonstrating the versatility for various moods and tasks.

5.2. Mounting Options

The LED panel lights are designed for versatile installation and support Recessed/Drop-in, Suspension Mounted, and Surface Mounted configurations.

MULTIPLE WAYS OF INSTALLATION



Recessed/Drop In

(No additional mounting accessories required)



Suspension Mounted

(Additional accessories will be required)



Surface Mounted

(Additional accessories will be required)



Figure 4: Multiple ways of installation for the LED Cloud Panel. This diagram shows the three primary methods: Recessed/Drop-in (no additional mounting accessories required for standard drop ceilings), Suspension Mounted (additional accessories required, typically chains), and Surface Mounted (additional accessories required, usually a frame kit).

- **Recessed/Drop-in:** Designed to fit seamlessly into standard T-bar drop ceilings (2x2 ft grid) without requiring additional mounting accessories.
- **Suspension Mounted:** For installations where the panel needs to hang from the ceiling, an optional suspension kit (not included) is required.
- **Surface Mounted:** To attach the panel directly to a solid ceiling surface, an optional surface mount kit (not included) is necessary.

Refer to the specific mounting kit instructions for detailed steps if not using recessed installation.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Once installed and wired correctly, the light fixture can be controlled via a standard wall switch or a compatible 0-10V dimmer switch.



Figure 5: Visual comparison of the LED Cloud Panel when the light is turned off versus when it is turned on, demonstrating the illumination effect in an office setting and how the cloud design becomes vibrant when lit.

6.2. Dimming Function

This fixture is 0-10V dimmable. Connect it to a compatible 0-10V dimmer switch (not included) for adjustable brightness from 0% to 100%. Ensure the dimmer is rated for the fixture's wattage.

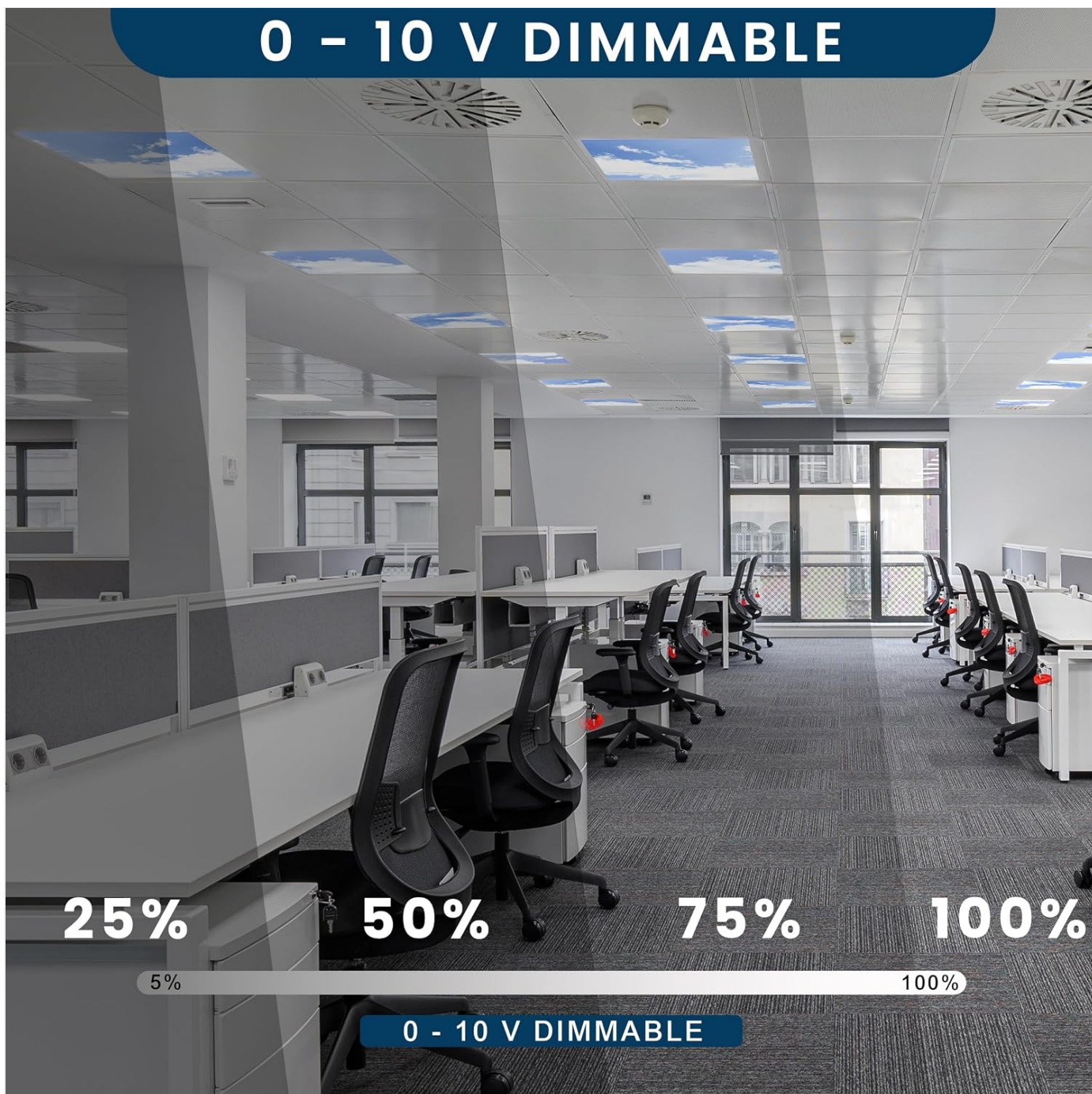


Figure 6: 0-10V Dimmable functionality of the LED panel light. This image illustrates various dimming levels (25%, 50%, 75%, 100%) in an office environment, indicating smooth brightness adjustment and control over the lighting intensity.

7. MAINTENANCE

The LED flat panel light requires minimal maintenance due to its durable construction and long-lasting LED components.

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry or slightly damp cloth to wipe the surface of the panel. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or optical properties.
- **Lamp Replacement:** The LED light source is integrated into the fixture and is not user-replaceable. The fixture is designed for a long operational lifespan, reducing the need for frequent lamp replacement.

8. TROUBLESHOOTING

If you encounter any issues with your LED flat panel light, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Light does not turn on.	No power supply to the fixture; incorrect wiring; faulty wall switch or dimmer.	Check the circuit breaker and ensure power is supplied. Verify all wiring connections are secure and correct. Test the wall switch or dimmer for functionality.
Light flickers or buzzes.	Loose wiring connection; incompatible dimmer switch; power fluctuations in the electrical system.	Ensure all wiring connections are secure. Confirm that a compatible 0-10V dimmer is being used. If issues persist, consult a qualified electrician to check for power fluctuations.
Light output is too low or too high.	Incorrect wattage setting; dimmer set to an undesired level.	Adjust the wattage dip switch on the fixture (ensure power is off before adjusting). Adjust the 0-10V dimmer to the desired brightness level.
Color temperature is incorrect.	Incorrect CCT setting.	Adjust the CCT dip switch on the fixture (ensure power is off before adjusting) to select 4000K, 5000K, or 6500K.

9. SPECIFICATIONS

Detailed technical specifications for the Nothing BUT LEDs 2x2 Cloud Panel Light:

Attribute	Value
Brand	Nothing BUT LEDs
Model Number	2x2 Cloud Panel
Product Dimensions	23.74"L x 23.74"W x 1.85"H
Material	Aluminum
Wattage	24W/29W/32W/39W (Selectable)
Brightness	Up to 4875 Lumens (at 39W)
Efficiency	125.51 lumens/watt
Color Temperature (CCT)	4000K/5000K/6500K (Selectable)
Voltage	120-277V
Dimmable	0-10V Dimmable
Indoor/Outdoor Usage	Indoor use only
Water Resistance Level	Not Water Resistant (Damp Rated)
Certifications	UL, DLC
Item Weight	24 pounds (for 4-pack)



LED CLOUD PANEL 2 X 2 Dimensions

23.74"

23.74"

2 X 2 FT
60 X 60 CM

Figure 7: Dimensions of the LED Cloud Panel, indicating its 23.74" x 23.74" size, which is standard for 2x2 ft drop ceiling applications.

10. WARRANTY AND SUPPORT

This product comes with a **5-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use. This warranty ensures peace of mind regarding the quality and longevity of your LED panel lights. For technical support, warranty claims, or replacement parts, please contact Nothing BUT LEDs customer service through the Amazon platform or visit their official store for assistance:

[Visit Nothing BUT LEDs Store on Amazon](#)

Please have your purchase information and model number (2x2 Cloud Panel) ready when contacting support to expedite the service process.

