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› [NUWATT 4 Pack, 1x2 LED Flat Panel Light Surface Mount Instruction Manual](#)

NUWATT NW-SM-1X2-5CT-22W-WH-4P

NUWATT 1x2 LED Flat Panel Light Instruction Manual

Model: NW-SM-1X2-5CT-22W-WH-4P

Brand: NUWATT

1. PRODUCT OVERVIEW

The NUWATT 1x2 LED Flat Panel Light is a versatile and energy-efficient lighting solution designed for various indoor applications. This ultra-thin fixture offers selectable color temperatures and dimmable functionality, providing customizable illumination for your space.

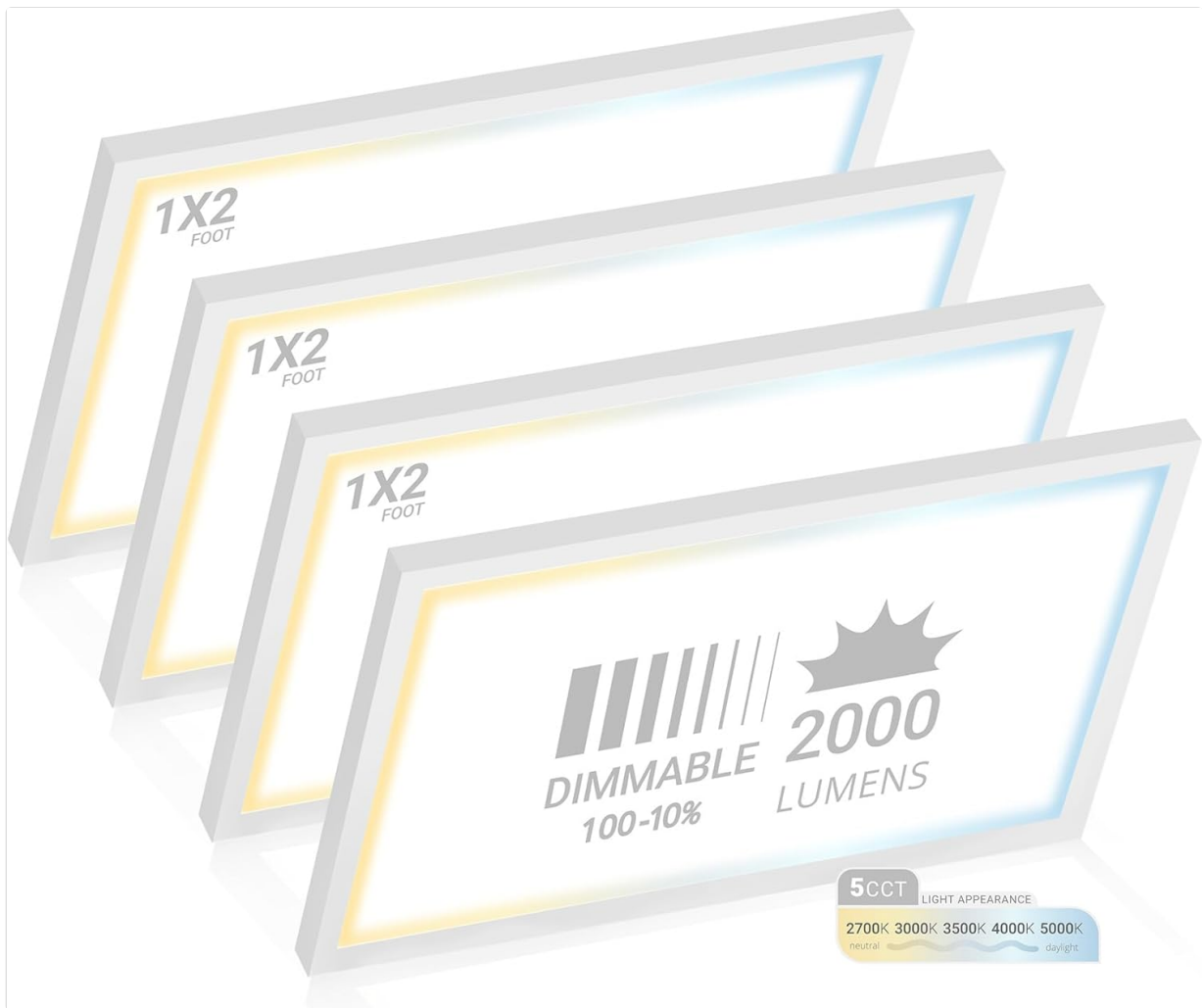
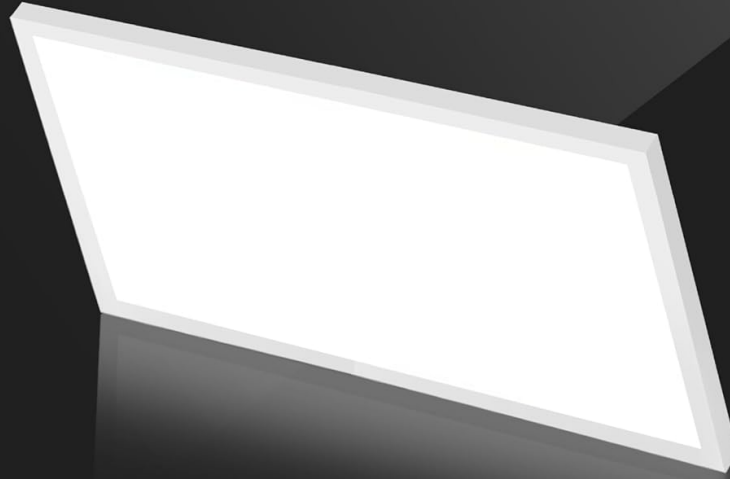


Image: Overview of the NUWATT 1x2 LED Flat Panel Lights, highlighting their slim design, 2000 lumens brightness, dimmable range, and 5 CCT selectable color temperatures (2700K, 3000K, 3500K, 4000K, 5000K).

NUWATT[®]

1X2 SURFACE MOUNT LED PANEL

SPECIFICATIONS



5^{YR}
WARRANTY

Proud
AMERICAN
COMPANY

5
CCT
27K
30K
35K
40K
50K

22W
POWER

2000
LUMENS

DIMMABLE
100-10%

DAMP
RATED

HIGH
BRIGHTNESS

110°
BEAM
ANGLE

120VOLT

1"
THIN

DIE-CAST
ALUMINUM

CRI
90+
TRUECOLOR

50K
HOURS

Image: Detailed specifications of the NUWATT 1x2 LED Panel, including power consumption, light output, dimming capability, material, and warranty information.

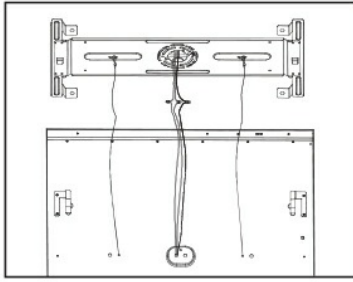
2. SETUP AND INSTALLATION

The NUWATT 1x2 LED Flat Panel Light is designed for straightforward surface mount installation. All necessary mounting hardware is included in the package. Ensure power is disconnected before beginning installation.

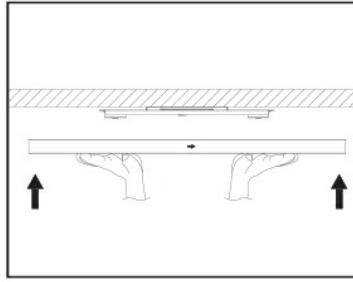
2.1 Included Components

- 4 Pack Flat Panel LED Lights
- Mounting Hardware
- Screws, Bolts, Nuts

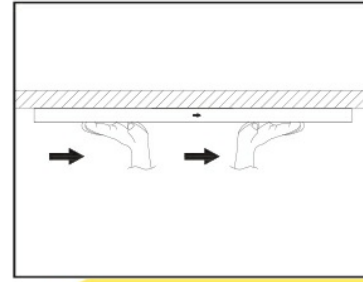
EASY INSTALLATION



Once wiring has been installed into the fixture, identify and straighten out the 3 wires coming from the fixture to the junction box wires.



Put the mounting bracket into the panel light first, then aim the shrapnel on the back of the lamp, and put the panel light up.



The mounting bracket is pre-mounted to the shrapnel side of the panel light, simply lift and push flush with the ceiling moving accordingly to the direction indicated by the panel light.

Image: Rear view of the LED panel, illustrating the surface mounting plates, the selectable color temperature switch, and the safety hook for secure installation.

2.2 Installation Steps

1. **Prepare Wiring:** Once wiring has been installed into the fixture, identify and straighten out the 3 wires coming from the fixture to the junction box wires.
2. **Mount Bracket:** Put the mounting bracket into the panel light first, then aim the shrapnel on the back of the lamp, and put the panel light up.
3. **Secure Panel:** The mounting bracket is pre-mounted to the shrapnel side of the panel light. Simply lift and push flush with the ceiling, moving accordingly to the direction indicated by the panel light.



5 SELECTABLE LIGHTING TEMPERATURES

Image: Step-by-step visual guide for installing the LED panel, from wiring connections to securing the fixture to the ceiling.

Your browser does not support the video tag.

Video: An official product video demonstrating the installation process of the NUWATT 1x2 FT Flush Mount LED Ceiling Panel. It shows the wiring, mounting, and final placement of the light fixture.

3. OPERATING INSTRUCTIONS

The NUWATT LED Flat Panel Light offers adjustable features to suit your lighting preferences.

3.1 Color Temperature Selection (5CCT)

Easily adjust the color temperature to match your room's ambiance or existing lighting. A built-in 5CCT switch allows you to select from five options:

- Soft White (2700K)
- Warm White (3000K)
- Neutral White (3500K)
- Cool White (4000K)
- Daylight (5000K)



Image: A visual representation of the 5 CCT (Correlated Color Temperature) options, showing how the light changes from warm (2700K) to cool (5000K) in a kitchen setting.

3.2 Dimmable Functionality

Control the intensity of your lighting with the dimmable feature. These panels are compatible with standard TRIAC dimmer switches, allowing smooth dimming from 100% down to 10% brightness. This is ideal for adjusting light levels for various activities, such as presentations or relaxed settings.



2000 LM of Pure LED Light

Reliable
FLICKER-FREE DIMMING

TRIAC

DIMMABLE
100-10%

Image: An office environment illustrating the dimmable feature, transitioning from full brightness to a lower, more ambient light level, highlighting flicker-free performance.

4. MAINTENANCE

The NUWATT LED Flat Panel Light is designed for durability and long-term performance with minimal maintenance.

4.1 Cleaning

To clean the fixture, ensure power is off. Gently wipe the surface with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish or lens.

4.2 Durability and Lifespan

The fixture features a die-cast aluminum frame, which provides excellent heat dissipation and ensures

consistent LED performance. This robust construction contributes to a long lifespan of up to 50,000 hours, equivalent to 10-15 years of typical use. The product is also water-resistant, suitable for damp locations.

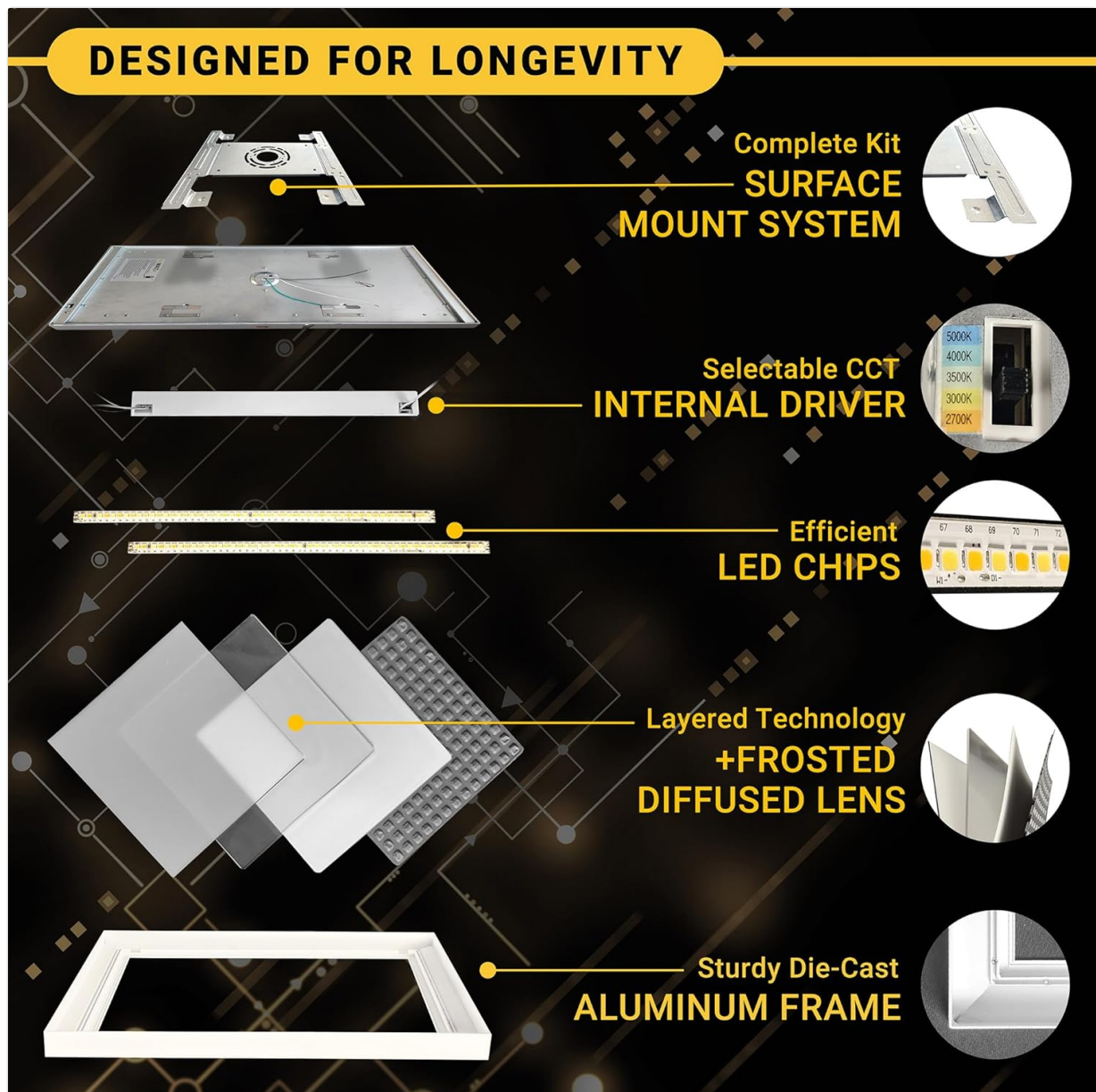


Image: An exploded diagram showcasing the internal components and construction of the LED panel, emphasizing its durable die-cast aluminum frame and efficient design for longevity.

5. TROUBLESHOOTING

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

- **Light Not Turning On:**

- Check the power supply to ensure it is connected and active.
- Verify all wiring connections are secure and correctly installed according to the setup instructions.
- Ensure the light switch is in the ON position.

- **Flickering Light:**

- Confirm that the dimmer switch (if used) is compatible with LED fixtures and specifically with TRIAC dimmable lights.

- Check for loose wiring connections at the fixture or junction box.
- Ensure the voltage supply is stable (120V).

- **Incorrect Color Temperature:**

- Locate the 5CCT switch on the back of the fixture and adjust it to your desired color temperature (2700K, 3000K, 3500K, 4000K, or 5000K).

If problems persist after attempting these solutions, please contact NUWATT customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	NUWATT
Model Name	Surface Mount LED Panel Light 1x2
Part Number	NW-SM-1X2-5CT-22W-WH-4P
Dimensions	12"L x 12"W x 1"H
Wattage	22 watts
Brightness	2000 Lumens
Color Temperature	5CCT Selectable (2700K, 3000K, 3500K, 4000K, 5000K)
Voltage	120 Volts
CRI	90+
Lifespan	Up to 50,000 hours
Material	Diecast Aluminum Frame, Frosted Diffused Lens
Installation Type	Surface Mount, Flush Mount
Special Features	Adjustable Color Temperature, Dimmable, Energy Efficient, Water Resistant
Certifications	Energy Star, ETL, RoHS, DLC
Item Weight	27.9 pounds (for 4-pack)

7. WARRANTY AND SUPPORT

NUWATT stands behind the quality and reliability of its products.

7.1 Warranty Information

This product is backed by a **5-year warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

As a trusted family-owned LED lighting supplier based in the United States, NUWATT provides professional

after-sales support. For any inquiries, technical assistance, or warranty claims, please contact NUWATT customer service.

For more information, visit the official NUWATT store:[NUWATT Store](#)

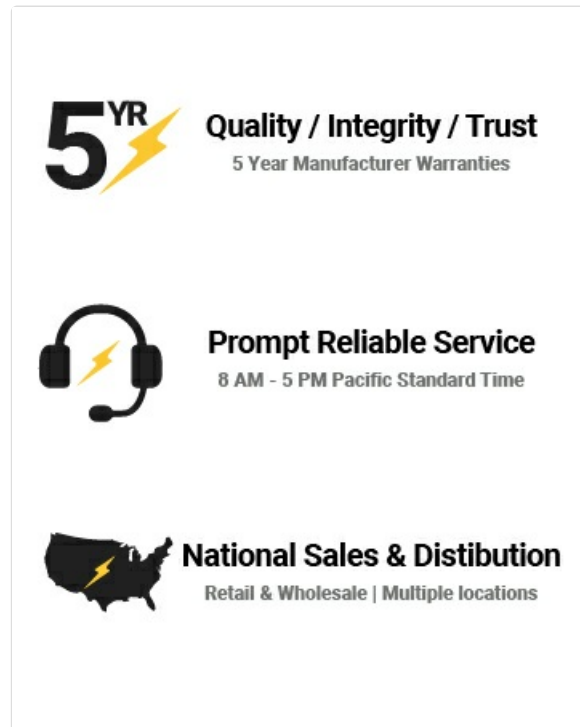


Image: NUWATT's commitment to quality, integrity, trust, prompt reliable service, and national sales & distribution.