Manuals+
Q & A | Deep Search | Upload

manuals.plus /
› GT-Lite /
› User Manual: GT-Lite 2 Pack 2'x4' 5500 Lumen LED Flat Panel

GT-Lite GT-F24B-2PK

User Manual

GT-Lite 2 Pack 2'x4' 5500 Lumen LED Flat Panel

Model: GT-F24B-2PK

1. Introduction

This manual provides detailed instructions for the safe installation, operation, and maintenance of your GT-Lite 2 Pack 2'x4' 5500 Lumen LED Flat Panel. Please read this manual thoroughly before installation and retain it for future reference.

2. Safety Information

- Always turn off power at the circuit breaker before installation or maintenance.
- Installation should be performed by a qualified electrician in accordance with local electrical codes.
- Do not install in wet locations or areas with high humidity.
- Ensure the mounting surface can support the weight of the fixture.
- Do not look directly into the LED light source when illuminated.
- Use only compatible dimmers for dimmable functionality.

3. Package Contents

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

- 2 x GT-Lite 2'x4' LED Flat Panel
- 1 x Instruction Manual (this document)
- Mounting Hardware (for flush mount and drop ceiling installation)

Image: Two GT-Lite 2x4 feet LED flat panels with black trim, illustrating the product as packaged. Below them are five smaller images showing the light output at different color temperatures from warm white to cool white.

4. Product Features

- **5 CCT Adjustable:** Offers five color temperatures (2700K-6500K) for versatile lighting.
- **CRI 90+:** Enhances true, vibrant colors for a natural and visually appealing environment.
- **5500 Lumen High Performance:** Provides super bright illumination with high energy efficiency.
- **Dimmable:** Compatible with most standard dimmers for adjustable light output.
- **Durable Construction:** High-quality aluminum housing and integrated sealed structure prevent shadows or black spots.
- **Dual Installation Options:** Supports both flush mounting and drop ceiling installation.

Image: This diagram illustrates the five selectable color temperatures available with the LED panel, ranging from warm white to cool white, demonstrating the versatility of the lighting.

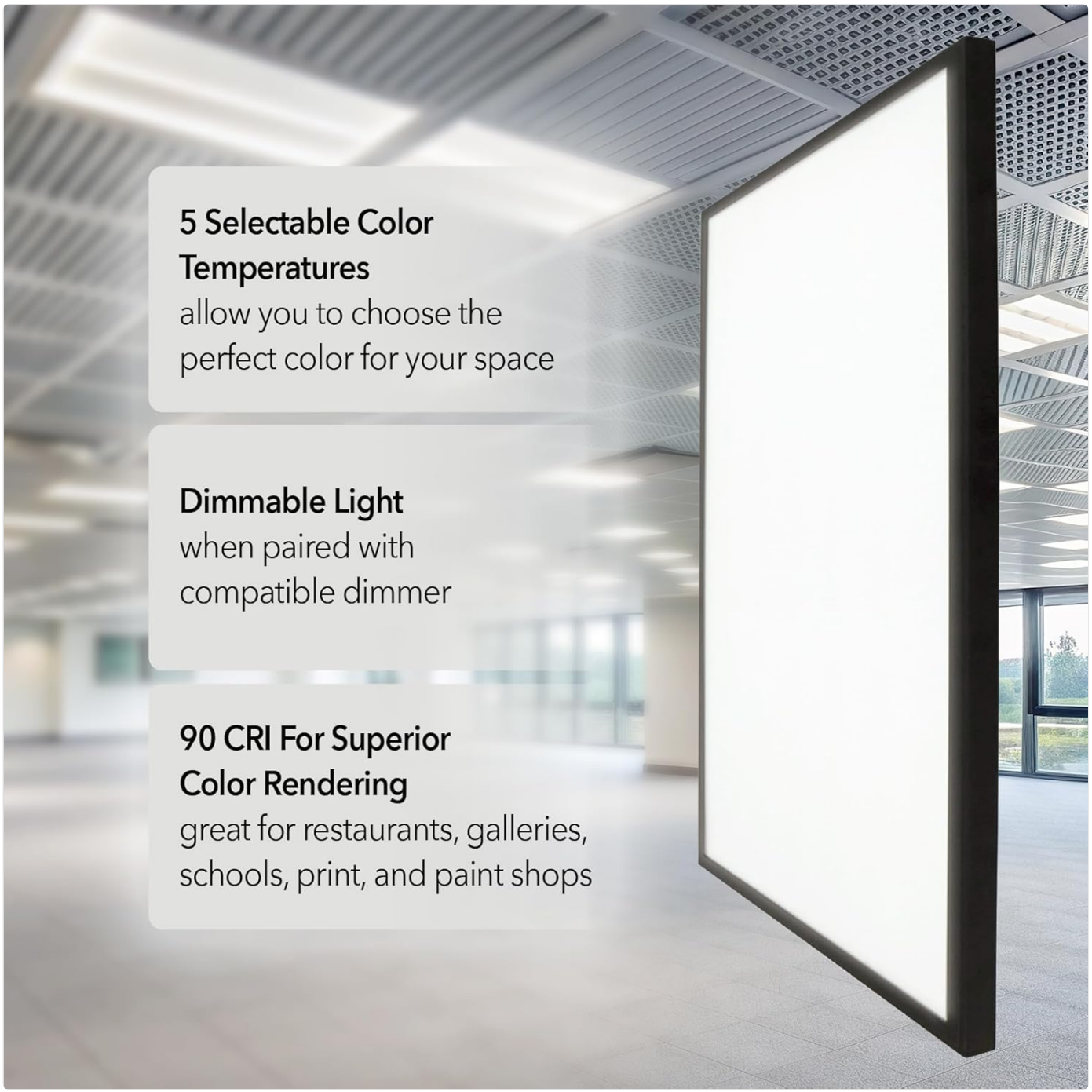

Image: This graphic emphasizes the key features of the LED panel, including its five selectable color temperatures, dimmable capability, and a high Color Rendering Index (CRI) of 90+ for accurate color representation.

Image: This image demonstrates the eye protection features of the LED panel, specifically highlighting its CRI 90+ rating and flicker-free operation, as viewed through a smartphone camera.

5. Installation

The GT-Lite LED Flat Panel offers two primary installation methods: Flush Mounting and Drop Ceiling Installation. Ensure power is OFF before proceeding.

5.1 Flush Mounting Installation

1. Secure the mounting bracket to the ceiling using appropriate hardware. Ensure the bracket is firmly attached to a joist or suitable anchor points.
2. Connect the electrical wiring from the ceiling to the fixture's wiring, following standard electrical codes (black to black, white to white, ground to ground).
3. Carefully align the LED panel with the mounting bracket and twist or slide it into place until it is securely fastened flush against the ceiling.

Image: This image illustrates the versatility of installation, showing a person either installing the LED flat panel into a drop ceiling grid or flush mounting it directly onto a solid ceiling surface using the provided hardware.

Your browser does not support the video tag.

Video: This video demonstrates the installation process for the GT-Lite LED flat panel, including both flush mount and drop ceiling methods. It also highlights key features like color temperature adjustment and heat dissipation.

5.2 Drop Ceiling Installation

1. Remove an existing ceiling tile from the desired location in the drop ceiling grid.
2. Connect the electrical wiring from the ceiling to the fixture's wiring.
3. Carefully place the LED panel into the open grid space, ensuring it rests securely on the T-bar grid.

6. Operation

Once installed, the LED flat panel is ready for operation. It features adjustable color temperature and dimming capabilities.

6.1 Color Temperature Adjustment (CCT)

The fixture is equipped with a 5-CCT selectable switch, typically located on the back or side of the fixture. Before final installation, select your desired color temperature (2700K, 3000K, 4000K, 5000K, or 6500K) by sliding the switch to the corresponding setting.

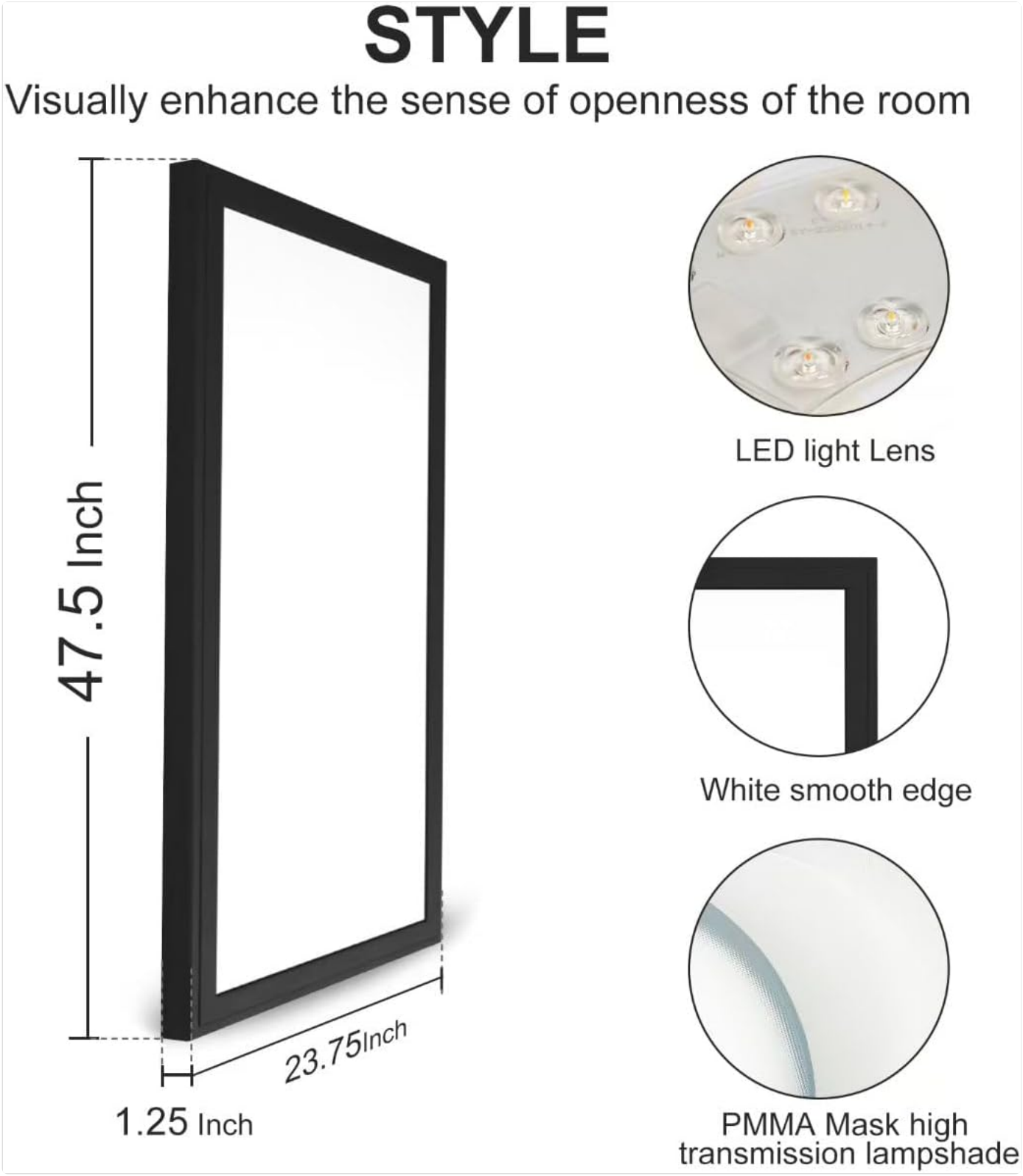

Image: This image provides a close-up of the LED panel's components, including the LED light lens, the smooth white edge, and the PMMA mask, which contributes to high light transmission and overall aesthetic.

6.2 Dimming Functionality

This LED panel is dimmable. To utilize the dimming feature, ensure it is connected to a compatible dimmer switch. Adjust the dimmer switch to achieve the desired brightness level.

Image: This image showcases the GT-Lite LED flat panels installed in an office setting, illustrating their effective illumination and modern aesthetic in a professional workspace.

7. Maintenance

The LED flat panel requires minimal maintenance. Follow these guidelines to ensure longevity and optimal performance:

- **Cleaning:** Disconnect power before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the wiring and mounting hardware for any signs of wear or loosening.
- **LED Longevity:** The LEDs are designed for long life (up to 50,000 hours) and do not require replacement.

8. Troubleshooting

If you encounter issues with your LED flat panel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture; loose wiring; faulty switch.	Check circuit breaker. Verify all wire connections are secure. Test the switch.
Light flickers or dims unexpectedly.	Incompatible dimmer switch; loose wiring; voltage fluctuations.	Ensure dimmer is LED compatible. Check wiring connections. Consult an electrician for voltage issues.
Incorrect color temperature.	CCT switch set incorrectly.	Adjust the CCT switch on the fixture to the desired setting.

If the problem persists after attempting these solutions, contact GT-Lite customer support.

9. Specifications

Attribute	Value
Brand	GT-Lite
Model Number	GT-F24B-2PK
Dimensions	47.5"L x 23.75"W x 1.25"H (4ft x 2ft)
Brightness	5500 Lumens
Wattage	50 Watts
Color Temperature (CCT)	2700K, 3000K, 4000K, 5000K, 6500K (Adjustable)
Color Rendering Index (CRI)	90+
Voltage	120 Volts
Material	Aluminum, Polycarbonate
Installation Type	Flush Mount, Drop Ceiling
Indoor/Outdoor Usage	Indoor
Estimated Lifespan	50,000 hours

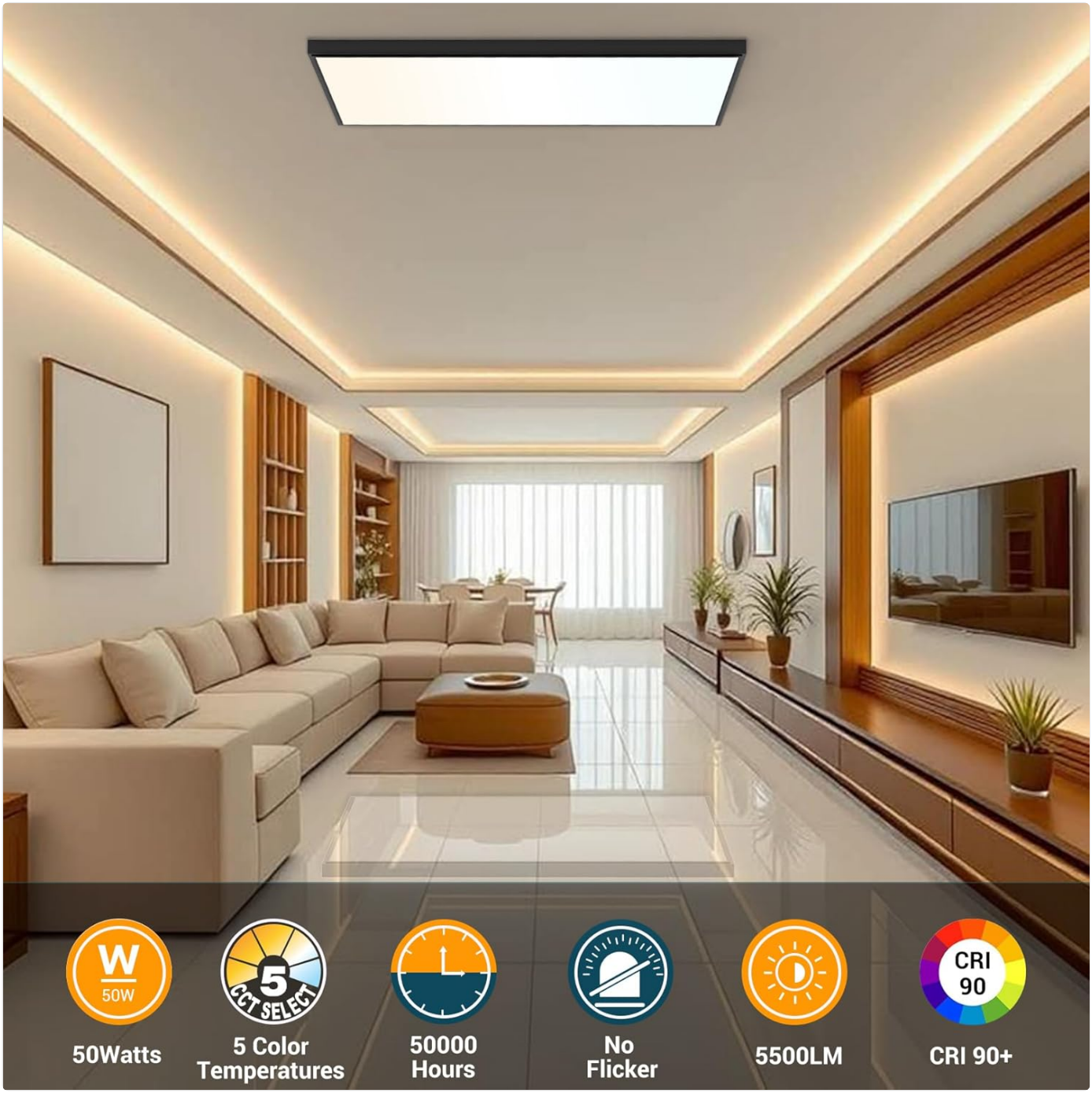

Image: This diagram provides precise measurements for the 2x4 feet LED flat panel, detailing its length, width, and thickness for accurate planning and installation.

10. Warranty and Support

Your GT-Lite LED Flat Panel comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official GT-Lite website.
For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact GT-Lite customer service:

- **Website:** Visit the GT-Lite Store on Amazon
- **Email:** [Insert Customer Support Email Here - if available]
- **Phone:** [Insert Customer Support Phone Number Here - if available]

Please have your model number (GT-F24B-2PK) and purchase date ready when contacting support.

© 2025 GT-Lite. All rights reserved.