

## VEVOR GT-MBD22-4

# VEVOR 2x2 FT LED Flat Panel Light Instruction Manual

Model: GT-MBD22-4

### 1. PRODUCT OVERVIEW

This manual provides essential information for the safe installation, operation, and maintenance of your VEVOR 2x2 FT LED Flat Panel Light. This LED panel light is designed for various indoor applications, offering adjustable color temperature and brightness levels.

# 2 × 2 FT LED Flat Panel Light



**4 Pack**

- ✓ 3 Colors
- ✓ 25W/30W/40W Selectable
- ✓ 0-10V Dimmable

Image 1.1: VEVOR 2x2 FT LED Flat Panel Light in an office setting, showcasing its flush-mount design and even illumination.

## Key Features:

- **Comfortable Lighting:** High-output LED chips deliver up to 5700 lumens with a high Color Rendering Index (CRI Ra≥80) for flicker-free, glare-free illumination.
- **Adjustable Color & Brightness:** Selectable color temperatures (3000K/4000K/5000K) and wattage levels (25W/30W/40W) via a built-in side switch.
- **Dimmable:** Compatible with 0-10V dimmers (dimmer not included).
- **Durable Construction:** Features an aluminum alloy frame and high-transparency PC lampshade for excellent heat

dissipation and extended service life.

- **Slim Design:** Ultra-slim 1.4-inch thickness for seamless integration into ceilings.
- **Versatile Application:** Suitable for workspaces, warehouses, garages, basements, retail stores, and residential kitchens.



## No Visible Flicker Less Eye Strain

Gentle on the eyes  
even during long hours of use

Image 1.2: Illustration of the flicker-free operation, reducing eye strain during prolonged use.

## 2. SAFETY INSTRUCTIONS

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Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Always disconnect power at the circuit breaker or fuse box before installation, removal, or maintenance. Ensure the power supply voltage matches the product's requirements (AC 120V 60Hz).
- **Qualified Installation:** Installation should be performed by a qualified electrician in accordance with all applicable national and local electrical codes.
- **Grounding:** Ensure the fixture is properly grounded to prevent potential electric shock.
- **Damage Inspection:** Do not install or operate the fixture if it appears damaged. Contact customer support for assistance.
- **Environment:** This product is designed for indoor use only. Do not expose to water or high humidity.
- **Light Source:** Avoid prolonged direct eye exposure to the light source when the fixture is on.
- **Modifications:** Do not attempt to modify or disassemble the fixture. This will void the warranty and may create safety hazards.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged upon opening the package. If any items are missing or damaged, contact VEVOR customer service.

- 4 x VEVOR 2x2 FT LED Flat Panel Lights
- Instruction Manual

## 4. SPECIFICATIONS

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Refer to the following table for detailed product specifications:

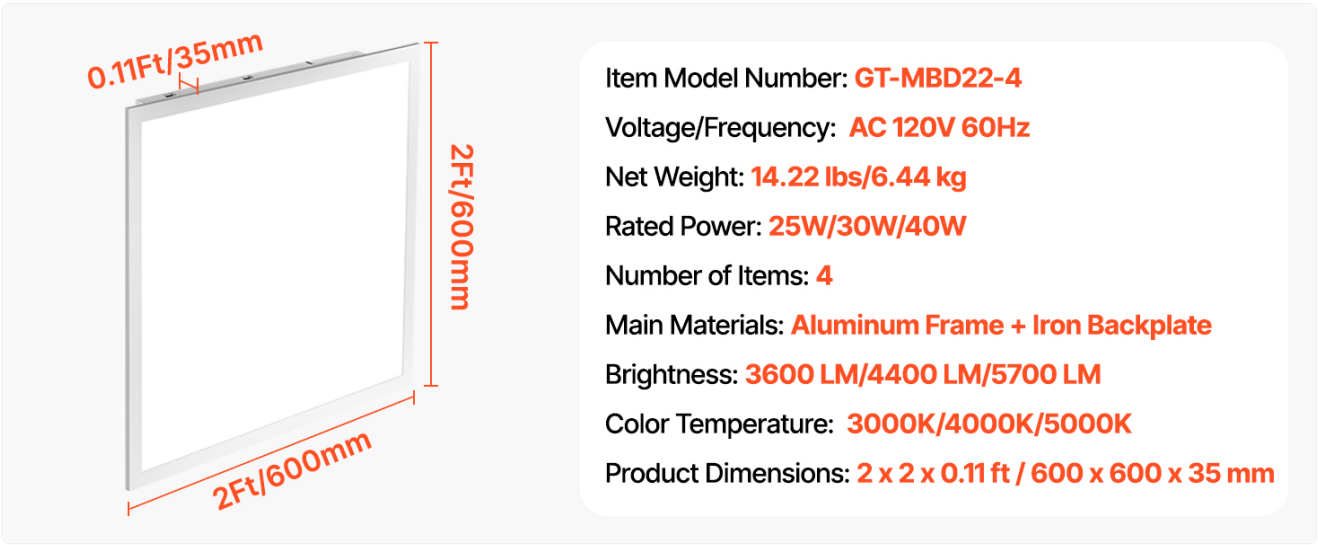


Image 4.1: Visual representation of the LED panel light's dimensions and technical data.

Attribute	Value
Brand	VEVOR
Model Name	2x2 FT LED Flat Panel Light
Item Model Number	GT-MBD22-4
Voltage/Frequency	AC 120V 60Hz
Rated Power	25W/30W/40W (Selectable)
Main Materials	Aluminum Frame + Iron Backplate
Brightness	3600 LM (25W) / 4400 LM (30W) / 5700 LM (40W)
Color Temperature	3000K (Warm White) / 4000K (Neutral White) / 5000K (Daylight White)
Product Dimensions	24"L x 24"W x 1.32"H (600 x 600 x 35 mm)
Item Weight	14.29 Pounds (6.44 kg)
Indoor/Outdoor Usage	Indoor

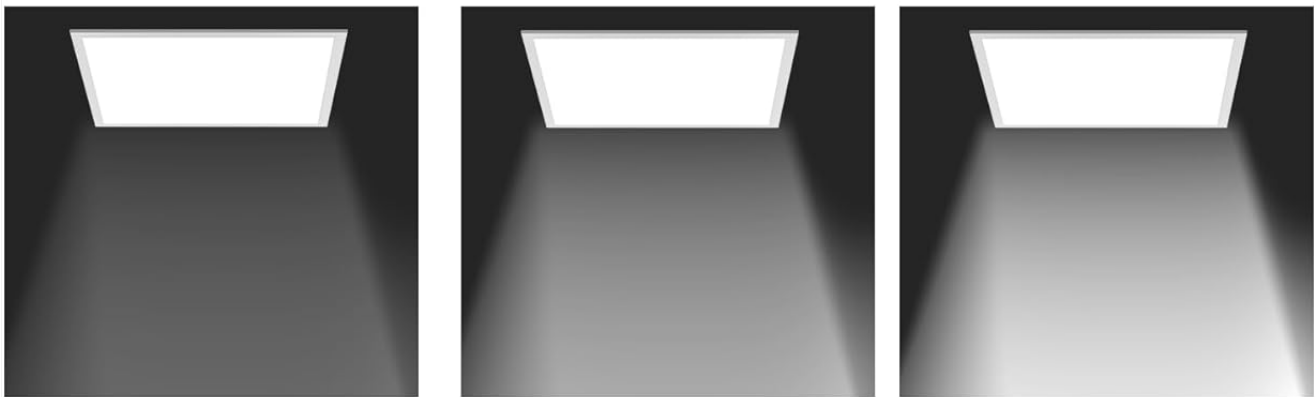
## 5. INSTALLATION

Before beginning installation, ensure the power supply is turned off at the circuit breaker. This fixture supports recessed mounting in T-bar ceilings and suspension mounting (hardware sold separately).

### 5.1 Pre-Installation Steps

1. **Power Disconnection:** Turn off the main power supply to the installation area at the circuit breaker.
2. **Unpack:** Carefully remove the LED panel light from its packaging. Inspect for any damage.
3. **Select Settings:** Before installation, use the switches on the side of the fixture to select your desired color temperature (3000K/4000K/5000K) and wattage (25W/30W/40W).

## 3 Brightness Levels



**25W**  
3600 Lumens

**30W**  
4400 Lumens

**40W**  
5700 Lumens

## 3 Color Temperatures



**3000K**  
Warm White

**4000K**  
Neutral White

**5000K**  
Daylight White

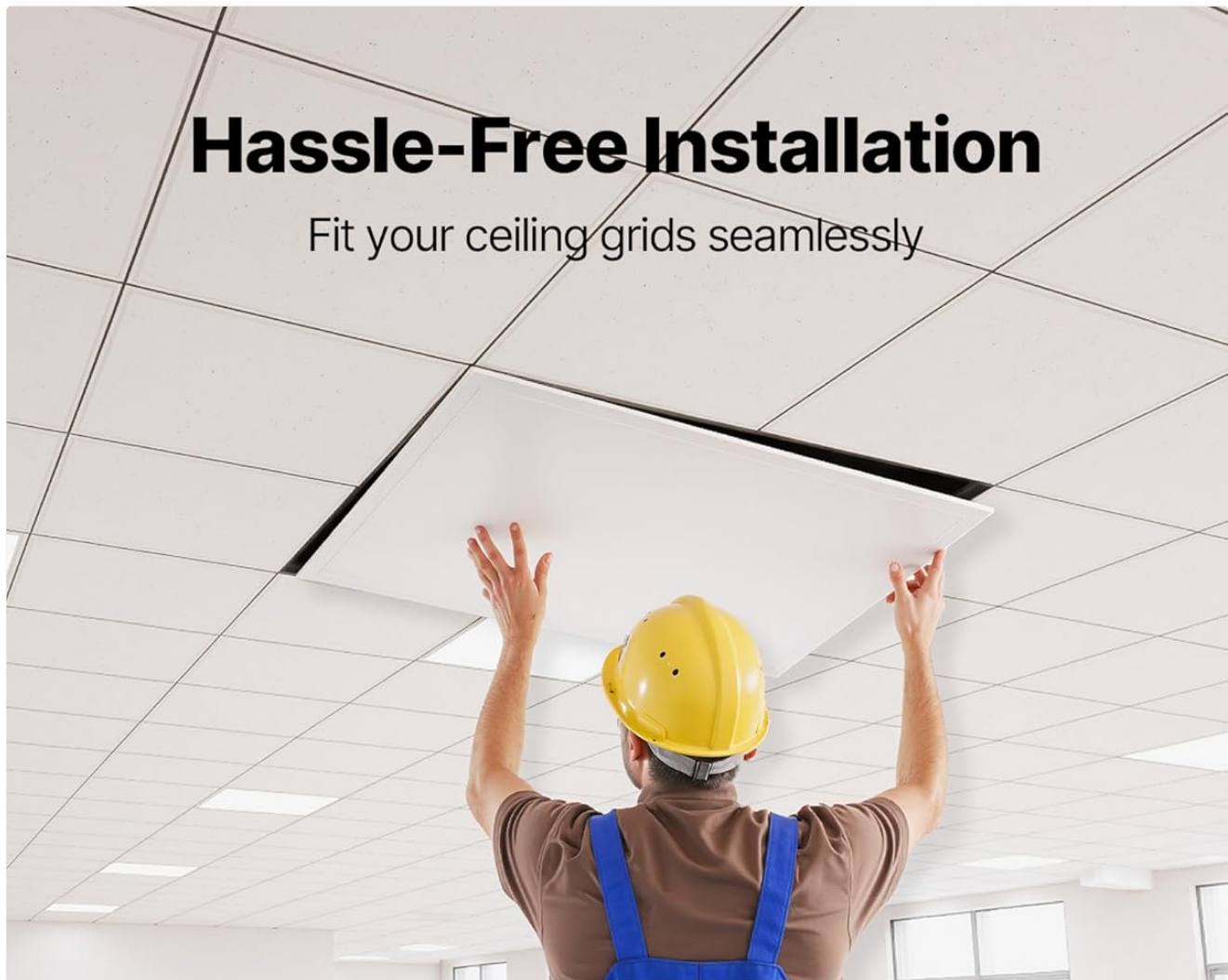
Image 5.1: Illustration of the selectable brightness and color temperature settings available on the fixture.

### 5.2 Recessed Mounting (T-Bar Ceiling)

This method is for standard drop ceilings with T-bar grids.

1. **Prepare Opening:** Ensure the ceiling grid opening is 2x2 feet (600x600mm).
2. **Connect Wiring:** Access the junction box on the back of the LED panel. Connect the AC input wires (Live, Neutral, Ground) from your building's electrical supply to the corresponding wires on the fixture. Ensure all connections are secure using wire nuts.
3. **0-10V Dimming (Optional):** If using a 0-10V dimmer (not included), connect the dimmer's positive (+) and negative (-) control wires to the corresponding dimming wires on the fixture.

4. **Place Fixture:** Carefully lift the LED panel into the ceiling grid opening. The panel should rest securely on the T-bars.



**Recessed Mounted**



**Suspension Mounted  
(Hardware Not Included)**

Image 5.2: A worker demonstrating the recessed installation of the LED panel light into a ceiling grid.

### 5.3 Suspension Mounting (Hardware Not Included)

For suspension mounting, a separate suspension kit (cables, anchors, etc.) is required. Follow the instructions provided with your suspension kit for proper installation.

1. **Install Suspension Kit:** Securely attach the suspension cables to the ceiling structure and to the designated mounting points on the LED panel light.

2. **Connect Wiring:** As with recessed mounting, connect the AC input wires and optional 0-10V dimming wires to the fixture's junction box.
3. **Adjust Height:** Adjust the suspension cables to achieve the desired hanging height and ensure the panel is level.

## 6. OPERATING INSTRUCTIONS

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Once installed and powered, your VEVOR LED Flat Panel Light is ready for operation.

### 6.1 Power On/Off

Turn on the power supply at the circuit breaker or wall switch to illuminate the fixture. Turn off the power to switch off the light.

### 6.2 Adjusting Color Temperature and Wattage

The color temperature and wattage settings are selected via switches located on the side of the fixture. These settings should be chosen prior to final installation. If you need to change them after installation, you may need to temporarily remove the panel to access the switches.

- **Color Temperature Switch:** Slide the switch to select between 3000K (Warm White), 4000K (Neutral White), or 5000K (Daylight White).
- **Wattage Switch:** Slide the switch to select between 25W, 30W, or 40W to adjust the brightness output.

### 6.3 0-10V Dimming Function

If a compatible 0-10V dimmer is connected, you can adjust the light output from 1% to 100% brightness using the dimmer control. Ensure the dimmer is rated for LED fixtures and properly wired according to its instructions.



Image 6.1: Example of a 0-10V dimmer switch used to control the brightness of the LED panel light.

## 7. MAINTENANCE

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The VEVOR LED Flat Panel Light requires minimal maintenance. Regular cleaning will help maintain its performance and appearance.

- **Cleaning:** Before cleaning, ensure the power to the fixture is turned off. 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 can damage the finish or electrical components.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the fixture. Do not attempt to open or repair

the unit.

- **Inspection:** Periodically inspect the fixture for any signs of damage or loose connections. If any issues are found, disconnect power and consult a qualified electrician.

## 8. TROUBLESHOOTING

If you encounter issues with your LED panel light, refer to the following troubleshooting guide. Always ensure power is disconnected before performing any checks or adjustments.

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty fixture.	Check circuit breaker/fuse. Verify all wiring connections are secure. If power is confirmed and wiring is correct, contact customer support.
Light flickers or dims unexpectedly.	Loose wiring. Incompatible dimmer. Power fluctuations.	Check all wiring connections. Ensure the dimmer is a compatible 0-10V LED dimmer. Consult an electrician to check power supply stability.
Incorrect color temperature or brightness.	Switches on the fixture are set incorrectly.	Access the switches on the side of the fixture and adjust to the desired setting.
Light is too dim or too bright.	Wattage setting is incorrect. Dimmer setting is too low/high.	Adjust the wattage switch on the fixture. Adjust the 0-10V dimmer to the desired brightness level.

## 9. WARRANTY AND SUPPORT

**Warranty:** The manufacturer's specifications indicate that there is no explicit warranty description provided for this product.

**Customer Support:** For any questions, technical assistance, or issues not covered in this manual, please contact VEVOR customer support through their official website or the retailer where the product was purchased. Please have your model number (GT-MBD22-4) and purchase information ready when contacting support.