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› Ledvion LV60022 LED Panel 120x30 User Manual

Ledvion LV60022

Ledvion LV60022 LED Panel 120x30 User Manual

Model: LV60022

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ledvion LV60022 LED Panel. Please read these instructions carefully before installation and retain them for future reference. This professional LED panel offers high power output, replacing conventional LED panels. Despite its low power consumption, it provides very high light efficiency. The light color is similar to daylight, making it suitable for office environments.

2. SAFETY INFORMATION

Electrical Safety: Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations. Ensure power is disconnected at the main circuit breaker before any installation or maintenance. Do not attempt to modify the product. This product is designed for indoor use only and is not waterproof.

Handling: Handle the LED panel with care to avoid damage. Do not apply excessive force or bend the panel. Avoid direct eye exposure to the light source when illuminated.

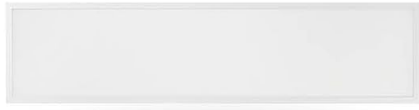
3. WHAT'S IN THE BOX

Carefully unpack the box and ensure all components are present:

- 1x Ledvion LED Panel
- 1x LED Driver with Quick Connector
- 1x Instruction Manual

WHAT'S IN THE BOX

SKU: LV60022



1x LED panel



1x Panel connector



1x Manual

Image: This image displays the contents of the product box, including one Ledvion LED panel, one panel connector, and one instruction manual.

4. PRODUCT OVERVIEW AND DIMENSIONS

The Ledvion LV60022 LED Panel is an energy-efficient lighting solution designed for various indoor environments. It features a 24W power consumption, delivering 5040 lumens of neutral white light (4000K). The panel is flicker-free, ensuring comfortable illumination with a high luminous efficacy of 210 lumens per watt.



PROFESSIONAL LED PANEL

Even though this LED panel has a low Watt power, it still gives a very high light output of no less than 5040 lumen

24 WATT



5040 LUMEN



Ledvion

Image: This image highlights the professional specifications of the LED panel, including 24 Watts, 5040 Lumens, and 210 Lumens/Watt.



FLICKER FREE LED PANEL

This ultra thin lightweight LED panel model, is ideal for a low recessed ceiling

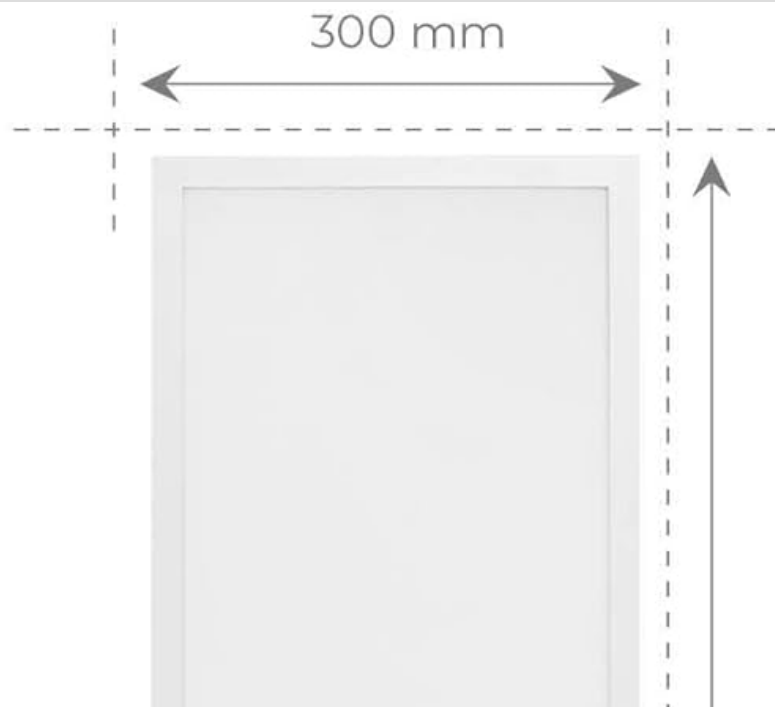
4000K

NEUTRAL
WHITE LIGHT

Ledvion

Image: This image emphasizes the flicker-free operation and the 4000K neutral white light color of the LED panel.

Dimensions: The panel measures 1200 mm in length and 300 mm in width, with an overall product dimension of 125L x 32W x 4H centimeters.



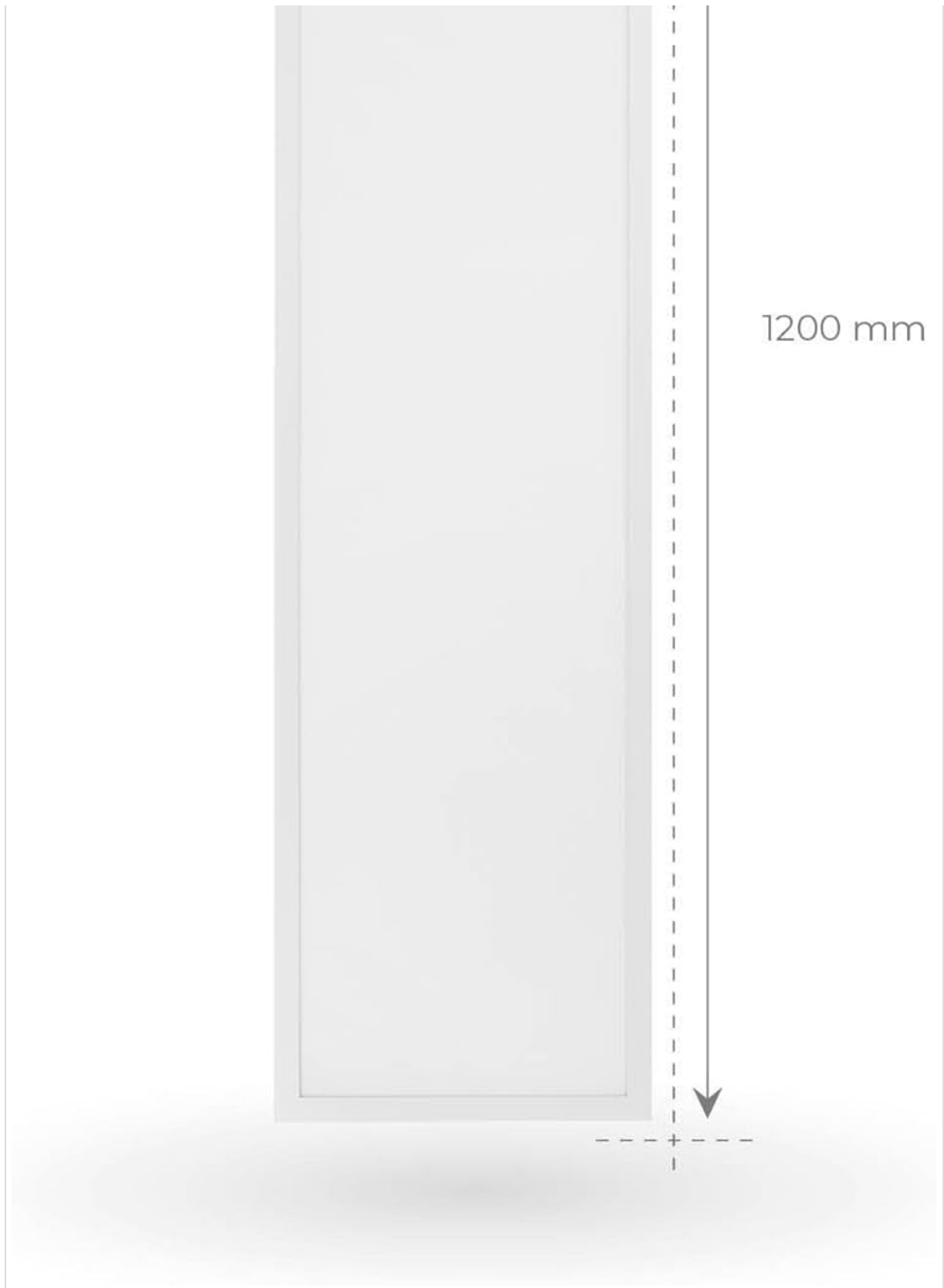


Image: This diagram illustrates the physical dimensions of the LED panel, showing a length of 1200 mm and a width of 300 mm.

5. SETUP AND INSTALLATION

This LED panel is primarily designed for recessed ceiling installation. Optional suspension mounting kits may be available separately.

5.1. Preparation

- Disconnect power at the main circuit breaker before starting any work.
- Prepare the ceiling opening according to the panel's dimensions (approximately 1200mm x 300mm).
- Ensure adequate space above the ceiling for the LED driver and wiring connections.

5.2. Electrical Connection

- Connect the LED driver to the main power supply (230 Volts). Observe correct polarity (Live, Neutral, Earth).
- Use the provided quick connector to securely attach the LED panel to the LED driver.
- Ensure all connections are tight and properly insulated.



Image: This diagram illustrates the 'Easy Connect' feature, showing the LED driver with an additional terminal block and quick connector for simplified wiring.

5.3. Mounting

- Carefully insert the LED panel into the prepared ceiling opening.
- Secure the panel using appropriate mounting clips or brackets (these may be sold separately or integrated).

5.4. Final Check

Once installed, restore power at the main circuit breaker and test the panel's functionality.

6. OPERATING INSTRUCTIONS

The Ledvion LV60022 LED Panel operates via a standard wall switch connected to its power supply. Simply toggle the switch to turn the light on or off. The panel provides a consistent 4000K neutral white light, suitable for various tasks and environments.

7. MAINTENANCE

Cleaning: To clean the LED panel, ensure the power is off. Use a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or optical properties of the panel. The fixture is non-removable for cleaning.

Lifespan: The LED panel has an estimated lifespan of 50,000 operating hours, requiring minimal routine maintenance.

8. TROUBLESHOOTING

If the LED panel does not illuminate or functions incorrectly, consider the following:

- **No Light:** Check the power supply at the circuit breaker. Verify all electrical connections are secure and correctly wired. Ensure the LED driver is properly connected to both the power supply and the panel.
- **Flickering:** Although this panel is designed to be flicker-free, if flickering occurs, check for loose connections or an unstable power supply. If the issue persists, consult a qualified electrician.
- **Reduced Brightness:** Ensure the panel is receiving the correct voltage (230 Volts).

If problems persist after checking these points, contact customer support.

9. TECHNICAL SPECIFICATIONS

Model Number	LV60022
Brand	Ledvion
Dimensions (L x W x H)	125 x 32 x 4 cm
Weight	2.05 kg
Material	Aluminium
Wattage	24 Watts
Luminous Flux	5040 Lumens
Color Temperature	4000K (Neutral White)
Voltage	230 Volts
Power Source	Corded Electric
Installation Type	Recessed (Ceiling Mount), Suspended (Optional)
Indoor/Outdoor Use	Indoor

Waterproof Level	Not waterproof
Lifespan	Approximately 50,000 hours
Energy Efficiency Class	A
Assembly Required	Yes
Included Components	LED Panel, LED Driver with Quick Connector

10. WARRANTY AND SUPPORT

Warranty: This Ledvion LED Panel comes with a 2-year warranty from the date of purchase, covering manufacturing defects. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, warranty claims, or further inquiries, please contact your retailer or visit the official Ledvion website for support information.