

Volteck PLA-209L

Volteck PLA-209L LED Round Ceiling Light 24W User Manual

Model: PLA-209L | Brand: Volteck

1. INTRODUCTION

Thank you for choosing the Volteck PLA-209L 24W LED Round Ceiling Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before installation and retain them for future reference.

2. PRODUCT OVERVIEW

The Volteck PLA-209L is a modern and energy-efficient LED ceiling light designed for various indoor applications. Its sleek, round design integrates seamlessly into any space, providing bright and instant illumination.

Key Features:

- Durable construction with an **aluminum body**, **steel back cover**, and **glass screen**.
- **Instantaneous illumination** (provides 100% brightness upon switching on).
- Integrated LED technology, eliminating the need for bulb replacement.
- Ideal for homes, commercial spaces, lobbies, and more.
- Saves up to **84% in energy consumption** compared to traditional lighting.



Figure 2.1: Volteck PLA-209L 24W LED Round Ceiling Light.

Cubierta trasera de acero



**Resistente
cuerpo de aluminio**

Pantalla de vidrio

Figure 2.2: Product components highlighting the resistant aluminum body, steel back cover, and glass screen.

3. SPECIFICATIONS

Refer to the table below for detailed technical specifications of the Volteck PLA-209L LED Round Ceiling Light.

Specification	Value
Manufacturer	Truper SA de CV
Part Number	46717
Size	24 W
Color	White
Style	Ceiling Light (Plafón)
Finish	Painted
Material	Aluminum, Polystyrene
Pattern	Round Ceiling Light
Power Source	Corded Electric
Voltage	120 Volts (AC)
Wattage	24 watts
Installation Method	Surface Mount
Number of Item Packages	1
Bulb Type	LED
Luminous Flux	2000 lumen
Mounting Profile	Flush Mount
Switch Style	Touch
Usage	Home
Included Components	Remote control, Mounting material, Diffuser
Batteries Required?	No
Length	27.94 centimeters
Width	3 centimeters
Height	3 centimeters
Product Dimensions	27.94 x 3 x 3 cm; 560 g
Product Model Number	PLA-209L

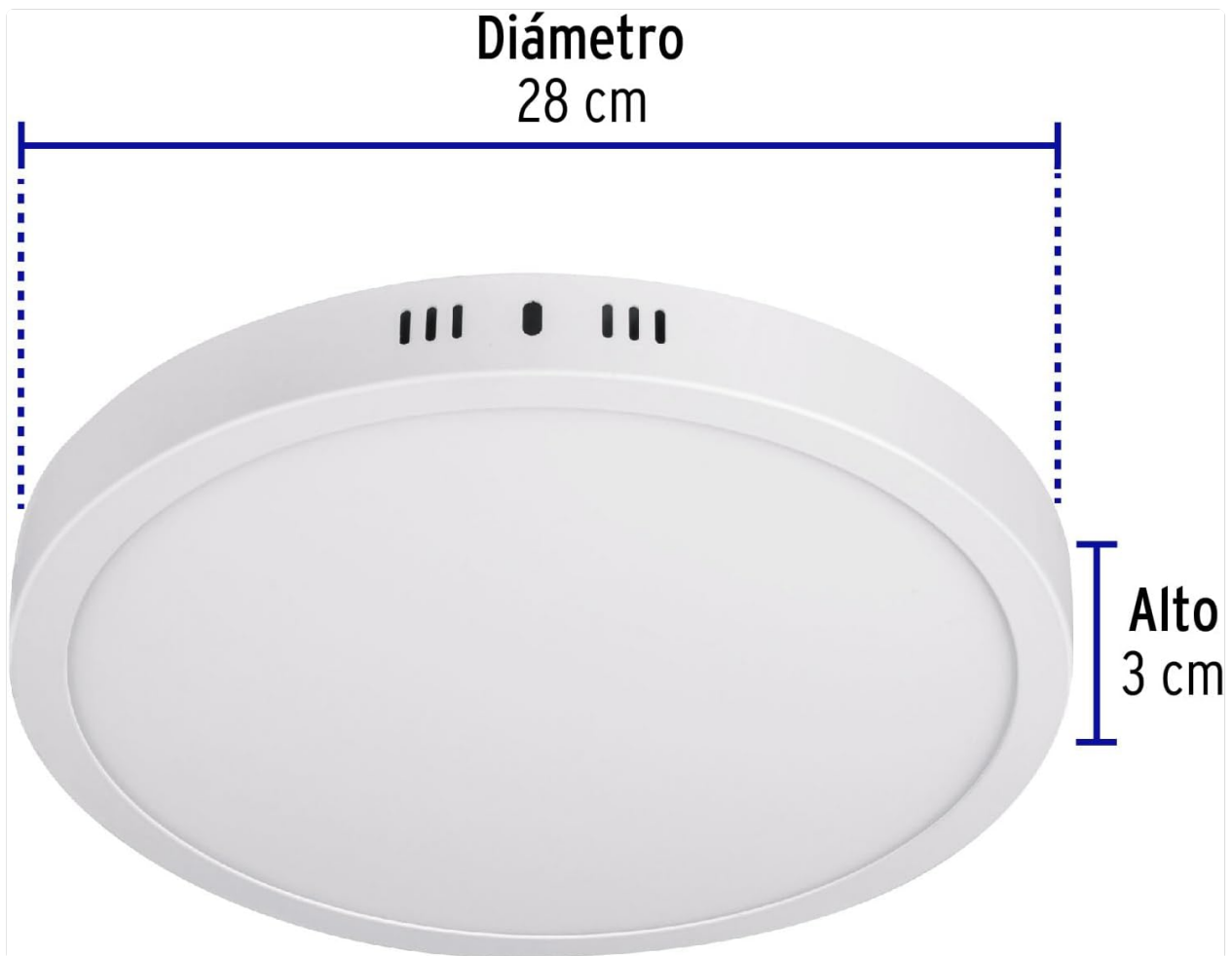


Figure 3.1: Product dimensions showing a diameter of 28 cm and a height of 3 cm.

4. SAFETY INFORMATION

Always follow basic safety precautions when installing or working with electrical devices to reduce the risk of fire, electric shock, and personal injury.

- **WARNING:** To avoid electric shock, disconnect power at the circuit breaker or fuse box before installation or servicing.
- Ensure the power supply voltage matches the product's specifications (120V AC).
- This product is designed for indoor use only. Do not expose to water or moisture.
- If you are unsure about the installation process, consult a qualified electrician.
- Do not modify the product in any way. Any modifications may void the warranty and pose safety risks.
- Keep packaging materials out of reach of children.

5. SETUP (INSTALLATION)

The Volteck PLA-209L is designed for surface mounting. Follow these general steps for installation. It is recommended to have basic electrical knowledge or consult a professional.

Tools and Materials Needed (Not Included):

- Screwdriver (Phillips and Flathead)
- Drill with appropriate drill bits
- Wire strippers
- Pencil

- Measuring tape
- Safety glasses

Installation Steps:

1. **Turn off Power:** Locate the circuit breaker controlling the light fixture's power supply and turn it off. Verify that the power is off using a voltage tester.
2. **Prepare Mounting Surface:** Mark the desired mounting location on the ceiling or wall. Use the light fixture's mounting bracket as a template to mark the screw holes.
3. **Drill Holes:** Drill pilot holes at the marked locations. Insert wall anchors (if necessary, included in mounting material) into the drilled holes.
4. **Attach Mounting Bracket:** Secure the mounting bracket to the ceiling/wall using the provided screws.
5. **Connect Wiring:** Carefully connect the electrical wires from the ceiling to the light fixture's wires. Typically, connect the live (black/brown) wire from the ceiling to the live wire of the fixture, and the neutral (white/blue) wire from the ceiling to the neutral wire of the fixture. Ensure all connections are secure using wire nuts.
6. **Mount Fixture:** Align the light fixture with the mounting bracket and secure it in place. Ensure it is firmly attached and flush with the surface.
7. **Restore Power:** Once the installation is complete and all connections are secure, turn the power back on at the circuit breaker.
8. **Test Light:** Turn on the light switch to ensure the fixture is working correctly.

6. OPERATING INSTRUCTIONS

The Volteck PLA-209L LED Round Ceiling Light is designed for simple operation.

- **Power On/Off:** Use a standard wall switch to turn the light fixture on or off. The integrated LED provides instantaneous illumination.
- **Remote Control (if included):** If your model includes a remote control, refer to its specific instructions for functions such as dimming or color temperature adjustment (if applicable). The provided JSON indicates a remote control is included.

7. MAINTENANCE

The Volteck PLA-209L LED Round Ceiling Light requires minimal maintenance.

- **Cleaning:** To clean the fixture, ensure the power is off. Use a soft, dry cloth to wipe down the surface. For stubborn dirt, a slightly damp cloth with mild soap can be used, followed by a dry cloth. Do not use abrasive cleaners or solvents.
- **LED Longevity:** The integrated LED has a long lifespan and does not require bulb replacement.

8. TROUBLESHOOTING

If you encounter any issues with your Volteck PLA-209L LED Round Ceiling Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply.	Check the circuit breaker or fuse. Ensure the wall switch is in the ON position.

Problem	Possible Cause	Solution
	Loose wiring connection.	Turn off power at the circuit breaker. Check all wire connections for tightness. Re-secure if loose.
Light flickers.	Loose wiring or unstable power.	Turn off power. Check wiring connections. Ensure the power supply is stable.
Light is dim.	Incorrect voltage or faulty unit.	Verify the voltage supply matches the product specification. If the issue persists, contact customer support.

If the problem persists after attempting these troubleshooting steps, please contact Volteck customer support.

9. WARRANTY AND SUPPORT

Volteck products are backed by Grupo Truper's comprehensive warranty program.

Warranty Information:

Grupo Truper's warranty covers over 25,000 accessories and spare parts, with minimal or no labor cost. They have 177 service centers in Mexico and 15 Latin American countries. It is not necessary to present the purchase receipt to validate the warranty.

Customer Support:

For technical assistance, warranty claims, or any other inquiries, please visit the official Volteck or Grupo Truper website for contact information or locate your nearest service center.