

## Volteck 46177

# Volteck LED MR16 127V 4W Warm Light Lamp Instruction Manual

Model: 46177

## 1. INTRODUCTION

Thank you for choosing the Volteck LED MR16 Lamp. This manual provides essential information for the safe and efficient use of your new LED lamp. This 4-watt LED lamp is designed to provide warm light, equivalent to a 30-watt incandescent bulb, operating at 127V with an MR16 GX5.3 base. It offers significant energy savings and a long operational life.



Image 1: Front view of the Volteck LED MR16 4W Warm Light Lamp packaging, showing product features and specifications.

## 2. SAFETY INSTRUCTIONS

Please read and follow these safety instructions carefully before installation and use to prevent electrical discharge and ensure proper operation.

1. Verify that the installation area is clean and free from debris to avoid electrical discharge.
2. Disconnect the electrical current at the main power source before installing or replacing the LED lamp.
3. Insert the LED lamp into the socket by holding it firmly from its base.
4. Once installed, restore power and turn on the switch.

## Attention:

- Do not use this LED lamp with dimmers (light intensity regulators).
- Do not use this LED lamp with emergency exit lights.
- Do not use this LED lamp in luminaires or circuits controlled by photocells.
- Keep this product out of reach of children.



Image 2: Back view of the Volteck LED MR16 4W Warm Light Lamp packaging, detailing safety warnings, installation steps, and specifications.

## 3. SETUP AND INSTALLATION

Follow these steps for proper installation:

1. Ensure the power supply to the fixture is turned off at the circuit breaker.
2. Carefully remove the old bulb from the MR16 GX5.3 socket, if applicable.
3. Align the two pins of the Volteck LED MR16 lamp with the holes in the socket.
4. Gently push the lamp into the socket until it is securely seated. Do not force it.
5. Restore power to the fixture at the circuit breaker.
6. Turn on the light switch to test the lamp.

## 4. OPERATING INSTRUCTIONS

The Volteck LED MR16 lamp operates like a standard light bulb. Simply use the wall switch or fixture switch to turn the light on or off. This lamp is not compatible with dimmers.

## 5. MAINTENANCE

The Volteck LED MR16 lamp requires minimal maintenance.

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the lamp. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Due to its long lifespan, frequent replacement is not expected. When replacement is necessary, follow the installation steps outlined in Section 3.

## 6. TROUBLESHOOTING

If your Volteck LED MR16 lamp is not functioning correctly, refer to the table below for common issues and solutions.

Problem	Possible Cause	Solution
Lamp does not light up.	No power to the fixture.	Check the circuit breaker and wall switch.
Lamp is loose in the socket.	Ensure the lamp is fully inserted into the socket. Turn off power before adjusting.	
Incorrect lamp type for fixture.	Verify the fixture requires an MR16 GX5.3 base and 127V.	
Lamp flickers.	Incompatible dimmer or circuit.	Ensure the lamp is not connected to a dimmer or incompatible circuit (e.g., photocell).

## 7. SPECIFICATIONS

Detailed technical specifications for the Volteck LED MR16 Lamp, model 46177.

Feature	Specification
Brand	Volteck
Model Number	46177 (LED-164EC)

Feature	Specification
Light Type	LED
Wattage	4 Watts
Incandescent Equivalent	30 Watts
Voltage	127V
Frequency	60 Hz
Current	52 mA
Bulb Shape Size	MR16
Base Type	GX5.3
Light Color	Warm White (3000K)
Luminous Flux	320 lm
Rated Life	30,000 hours
Energy Savings	87%
Item Weight	1.76 ounces
Package Dimensions	5.12 x 4.02 x 1.93 inches
UPC	7506240638452



Image 3: Volteck LED MR16 4W Warm Light Lamp packaging showing approximate dimensions.

## 8. WARRANTY AND SUPPORT

This Volteck product, including its parts and components, is guaranteed for **three years** against any manufacturing defects in material, workmanship, or operation, provided that:







- The product has been used under normal conditions.
- The product has not been altered or repaired by personnel not certified by Truper.

Volteck is a brand of Truper. For warranty claims, technical support, or further assistance, please visit the official Truper website or contact their customer service.

**Online Support:** [www.truper.com](http://www.truper.com)

**Customer Service:** Please refer to the contact information provided on the product packaging or the official Truper website for regional support numbers.

## Related Documents - 46177

	<p><a href="#">Installation Instructions for Electrical Product</a></p> <p>Step-by-step installation guide for an electrical product, including safety warnings and product specifications. Covers wiring, mounting, and electrical safety precautions.</p>
	<p><a href="#">Volteck Electrical Outlet Installation and Safety Guide</a></p> <p>This guide provides instructions for installing a Volteck electrical outlet, emphasizing safety precautions and proper usage. It includes warnings about electrical hazards and suffocation risks associated with plastic bags.</p>
	<p><a href="#">Electrical Component Installation Guide and Safety Warnings</a></p> <p>Comprehensive installation instructions and critical safety warnings for an electrical component, including product specifications, certification details, and usage guidelines. Content is presented in English.</p>
	<p><a href="#">Volteck LED Luminaire: Specifications, Installation, and Warranty</a></p> <p>Detailed specifications, step-by-step installation instructions, cleaning guidelines, and warranty information for the Volteck LED luminaire by Grupo Truper. Includes technical details and safety precautions.</p>
	<p><a href="#">Luminario LED Volteck: Especificaciones e Instructivo de Instalación</a></p> <p>Información detallada sobre el luminario LED Volteck, incluyendo especificaciones técnicas, guía de instalación paso a paso, garantía y consejos de limpieza. Producto de Grupo Truper.</p>
	<p><a href="#">Volteck Luminario LED: Especificaciones e Instructivo de Instalación</a></p> <p>Guía detallada de especificaciones e instalación para el luminario LED Volteck de Grupo Truper, incluyendo datos técnicos, garantía, limpieza y diagramas.</p>

