Philips LED 432633

Philips 432633 MR16 LED Flood Light Bulb User Manual

Model: 432633

1. Product Overview

This manual provides instructions for the Philips 432633 7-Watt MR16 LED Flood Light Bulb. This bulb is designed to replace traditional 35-Watt MR16 halogen bulbs, offering significant energy savings and a long operational lifespan. It provides a bright, white light suitable for general room and accent lighting in various settings.

Key Features:

- 7-Watt LED replaces 35-Watt MR16, saving energy.
- Fully dimmable, suitable for track lighting and recessed fixtures.
- 36-degree beam angle, instant-on, and safe for fabrics/colors.
- Extended lifespan of up to 36.5 years.
- Philips Internal Model # 9290002377.



Image 1.1: Philips 432633 MR16 LED Flood Light Bulb, showcasing its GU5.3 base and multi-LED array.

2. Important Safety Instructions

Please read and follow these safety instructions carefully to prevent injury or damage.

- **Power Off:** Always turn off power to the fixture at the circuit breaker before inspecting, installing, or removing the

bulb.

- **Compatibility:** Do not use with incompatible dimmers. Refer to dimmer manufacturer's instructions for compatibility with low-voltage LED bulbs.
- **Cool Before Handling:** Ensure the bulb is cool before handling to avoid burns.
- **Intended Use:** This bulb is designed for indoor use in dry locations unless specified otherwise by the fixture.
- **No Disassembly:** Do not attempt to disassemble or modify the bulb. There are no user-serviceable parts inside.
- **Voltage:** Ensure the fixture provides the correct 12V low-voltage power supply for MR16 bulbs.

3. Installation Guide

3.1 Before Installation

- Turn off the power supply to the fixture at the main circuit breaker.
- Verify that your existing fixture is compatible with GU5.3 base MR16 LED bulbs and operates on a 12V low-voltage system.
- Remove the old bulb from the fixture, if present, allowing it to cool if it was recently in use.

3.2 Installation Steps

1. Carefully align the two pins of the Philips 432633 LED bulb with the corresponding holes in the GU5.3 socket of your fixture.
2. Gently push the bulb into the socket until it is securely seated. Do not force the bulb, as this may damage the pins or the socket.
3. Once the bulb is installed, restore power to the fixture at the circuit breaker.
4. Turn on the light switch to confirm proper operation.

4. Operation

4.1 Powering On/Off

Once installed and power is restored, the bulb will illuminate when the light switch connected to the fixture is turned on. To turn off the bulb, simply switch off the light switch.

4.2 Dimming Functionality

The Philips 432633 MR16 LED bulb is fully dimmable. For optimal performance and to avoid issues like flickering or buzzing, use this bulb with compatible low-voltage electronic or magnetic dimmers designed for LED loads. Consult the dimmer manufacturer's specifications for compatibility.

5. Care and Maintenance

LED bulbs are designed for long life and require minimal maintenance. Follow these guidelines for care:

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry, lint-free cloth. Do not use liquid cleaners, abrasive materials, or harsh chemicals, as these can damage the bulb's surface or internal components.
- **Replacement:** If the bulb needs replacement after its long lifespan, follow the installation steps in reverse, ensuring power is off at the circuit breaker before removal.

- **Ventilation:** Ensure the fixture provides adequate ventilation to prevent overheating, which can shorten the bulb's lifespan.

6. Troubleshooting

If you encounter issues with your Philips 432633 LED bulb, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Bulb does not light up	No power to fixture; Bulb not seated correctly; Incompatible fixture/voltage.	Check circuit breaker and light switch; Re-seat bulb firmly; Verify fixture is 12V and GU5.3 compatible.
Flickering or buzzing	Incompatible dimmer; Loose connection; Overheating.	Ensure dimmer is LED-compatible (low-voltage); Check for loose wiring; Ensure adequate ventilation.
Does not dim properly	Incompatible dimmer; Dimmer not adjusted for LED load.	Use a dimmer specifically designed for low-voltage LED bulbs; Adjust dimmer's low-end trim if available.
Reduced brightness	Incorrect voltage; Overheating.	Verify 12V supply; Ensure proper ventilation around the bulb.

7. Technical Specifications

Detailed specifications for the Philips 432633 MR16 LED Flood Light Bulb:

Specification	Value
Brand	Philips LED
Model Number	432633
Light Type	LED
Special Feature	Dimmable
Wattage	7 Watts
Incandescent Equivalent	35 Watts
Bulb Shape Size	MR16
Bulb Base	GU5.3
Light Color	White
Color Temperature	3000 Kelvin
Brightness	420 Lumens

Specification	Value
Voltage	12 Volts
Beam Angle	36 degrees
Color Rendering Index (CRI)	80
Estimated Lifetime	Up to 36.5 years
Product Dimensions	1.9 x 2 x 2 inches
Item Weight	0.353 ounces
UPC	046677432638

8. Warranty and Customer Support

For detailed warranty information regarding your Philips 432633 MR16 LED Flood Light Bulb, please refer to the documentation included with your purchase. It is recommended to retain your proof of purchase for any warranty claims.

For further assistance, technical support, or to inquire about product-related issues, please visit the official Philips LED website or contact their customer service department. Contact details are typically available on the product packaging or the manufacturer's website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question