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Lacnooe HXF-MR11-HB-10W-2p

Lacnooe MR11 Halogen Bulb 10W 12V Spotlight Bulb Instruction Manual

Introduction

This manual provides detailed instructions for the safe and effective use of your Lacnooe MR11 Halogen Bulb. Designed for various lighting applications, this 10W, 12V bulb features a GU4 bi-pin base, dimmable functionality, and a warm white 2700K light output. Please read these instructions carefully before installation and operation.



Overview of the Lacnooe MR11 GU4 Halogen Bulb highlighting its key features.

Safety Information

- Always turn off the power supply before installing, removing, or cleaning the bulb.
- Ensure the bulb's voltage (12V) matches your fixture's power supply. Incorrect voltage can damage the bulb or fixture.
- Do not touch the bulb with bare hands during operation or immediately after turning off, as it can be very hot. Allow sufficient time for cooling.
- Handle the bulb by its base to avoid transferring oils from your skin to the glass, which can reduce bulb life.
- Keep bulbs away from flammable materials.
- This bulb is designed for indoor and outdoor use, but ensure the fixture provides adequate protection from elements if used outdoors.

Package Contents

- 2 x Lacnooe MR11 Halogen Bulbs (10W, 12V, GU4 Bi-Pin Base)

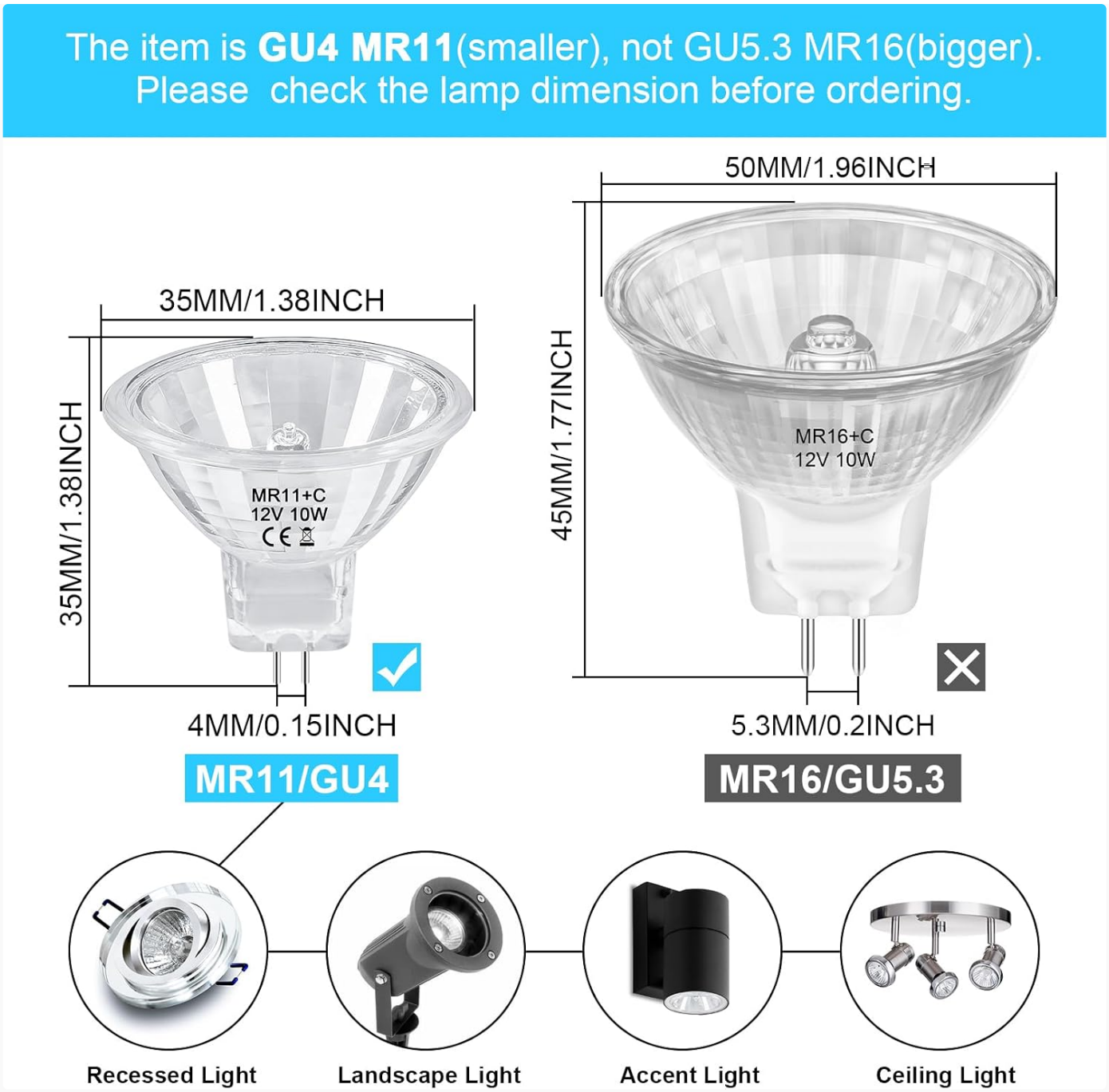


The package includes two MR11 halogen bulbs, each featuring a GU4 bi-pin base.

Setup

Compatibility Check

Before installation, verify that your lighting fixture requires an MR11 bulb with a GU4 bi-pin base and operates on a 12V power supply. The MR11 bulb is smaller than an MR16 bulb, which uses a GU5.3 base.



Visual comparison of MR11/GU4 and MR16/GU5.3 bulb sizes and bases, emphasizing the smaller MR11 dimensions.

Installation Steps

1. **Turn off Power:** Locate the power switch for the lighting fixture and turn it off. If necessary, turn off the circuit breaker to ensure no power is reaching the fixture.
2. **Allow Cooling:** If replacing an existing bulb, allow the old bulb to cool completely before touching it.
3. **Remove Old Bulb:** Carefully pull the old MR11 bulb straight out from its GU4 bi-pin socket.
4. **Insert New Bulb:** Align the two pins of the new Lacnooe MR11 bulb with the holes in the GU4 socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force it.
5. **Restore Power:** Turn the power supply back on at the switch or circuit breaker.
6. **Test:** Verify that the new bulb illuminates correctly.



An individual demonstrating the installation of an MR11 bulb into a fixture.

Operating Instructions

Dimmable Functionality

The Lacnooe MR11 Halogen Bulb is fully dimmable, allowing you to adjust the light output from 10% to 100%. This feature requires a compatible dimmer switch designed for incandescent or halogen light bulbs. Ensure your dimmer switch is suitable for halogen loads to prevent flickering or damage.



Visual representation of the bulb's smooth dimming capability from minimum to maximum brightness.

General Use and Applications

This MR11 halogen bulb provides a 2700K warm white light, ideal for creating a comfortable and inviting atmosphere. Its high Color Rendering Index (CRI) of 100 ensures that colors appear true and vibrant. The bulb is designed to be flicker-free, promoting eye comfort.

Common applications include:

- **Landscape Lighting:** Illuminating outdoor features and pathways.
- **Accent Lighting:** Highlighting specific objects or areas indoors.
- **Track Lighting:** Adjustable lighting for various indoor settings.
- **Fiber Optics:** Suitable for fiber optic Christmas trees and similar decorative items.
- **Desk Lamps:** Providing focused illumination for workspaces.



Examples of the MR11 bulb's versatile applications in different indoor and outdoor settings.



Demonstration of how a high CRI (100) ensures accurate and vibrant color perception.

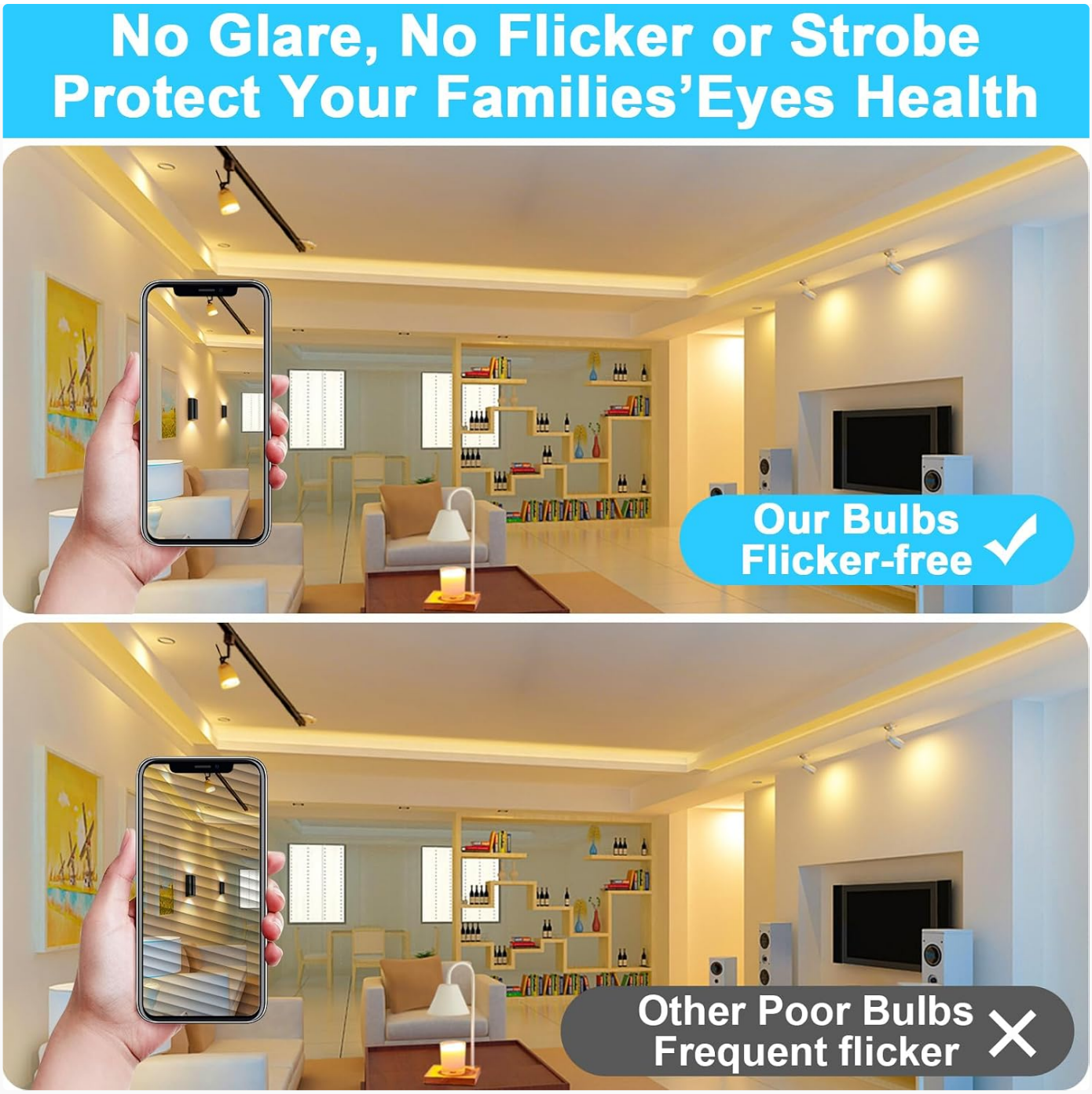


Illustration comparing the flicker-free operation of the Lacnooe bulb with other bulbs that may exhibit frequent flickering.

Maintenance

- **Cleaning:** Ensure the power is off and the bulb is completely cool before cleaning. Use a soft, dry cloth to gently wipe the bulb. Avoid using liquid cleaners or abrasive materials.
- **Replacement:** When the bulb reaches the end of its lifespan (approximately 2000 hours), replace it by following the installation steps outlined in the "Setup" section.
- **Storage:** Store unused bulbs in their original packaging in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not properly seated. Defective bulb.	Check power switch and circuit breaker. Ensure bulb pins are fully inserted into the socket. Replace with a new bulb to test.
Bulb flickers.	Incompatible dimmer switch. Loose connection. Voltage fluctuations.	Ensure dimmer is compatible with halogen bulbs. Re-seat the bulb firmly. Consult an electrician if voltage issues persist.
Bulb has a short lifespan.	Incorrect voltage. Frequent switching. Overheating due to enclosed fixture.	Verify fixture voltage is 12V. Minimize frequent on/off cycles. Ensure adequate ventilation in the fixture.

Specifications

Feature	Detail
Brand	Lacnooe
Model Number	HXF-MR11-HB-10W-2p
Light Type	Halogen
Bulb Shape Size	MR11
Bulb Base	GU4 Bi-Pin
Wattage	10 Watts
Voltage	12 Volts (AC/DC)
Brightness	140 Lumens
Light Color	Warm White
Color Temperature	2700 Kelvin
Color Rendering Index (CRI)	100 Ra
Dimmable	Yes (10-100%)
Average Life	2000 Hours
Material	Glass
Indoor/Outdoor Usage	Indoor, Outdoor
Product Dimensions	1.38"W x 1.38"H

Warranty and Support

Lacnooe is committed to providing quality products. If you encounter any issues with your MR11 halogen bulb, please contact our customer support team. We are dedicated to resolving any concerns promptly.

For assistance, please refer to the contact information provided with your purchase or on the Lacnooe official website.

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