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› Donar EFP 12V 100W RM-105 Specialty Bulb User Manual

Donar RM-105

Donar EFP 12V 100W RM-105 Specialty Bulb User Manual

Brand: Donar

Model: RM-105

INTRODUCTION

This manual provides essential information for the safe and effective use of your Donar EFP 12V 100W RM-105 Specialty Bulb. This bulb is designed as a 50mm Dichroic reflector bulb with a 2-pin base, producing a crisp, bright white light. Please read this manual thoroughly before installation and operation to ensure optimal performance and longevity of the product.

PRODUCT OVERVIEW

The Donar EFP 12V 100W RM-105 bulb is a high-quality halogen lamp suitable for various applications, including microscope illuminators and movie projectors. Its design ensures efficient light output and a focused beam.

Key Features:

- Voltage and Wattage: 12V, 100W, ANSI CODE: EFP
- Reflector Type: 50mm Dichroic Reflector
- Filament and Base: C-6 filament; GX5.3 2-pin base
- Operating Position: BD/HORIZ
- Rated Life: Approximately 50 hours

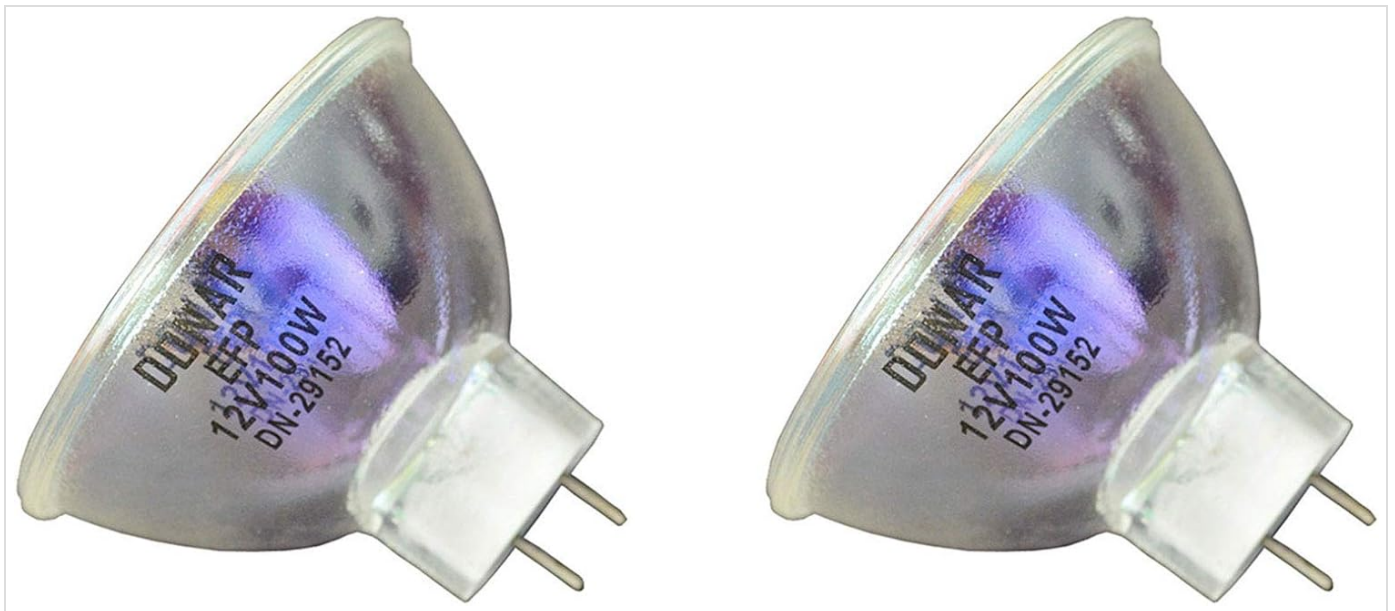


Image: Two Donar EFP 12V 100W RM-105 specialty bulbs. Each bulb features a clear glass reflector and a two-pin GX5.3 base. The bulbs are labeled with "DONAR EFP 12V 100W DN-29152".

SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of the bulb. Always ensure the power is off before handling the bulb.

1. **Safety First:** Disconnect power to the fixture or equipment before attempting to install or replace the bulb. Allow the old bulb to cool completely if it was recently in use.
2. **Handle with Care:** Avoid touching the glass part of the new bulb directly with bare hands. Oils from your skin can create hot spots, leading to premature failure. Use a clean cloth or gloves when handling.
3. **Insert Bulb:** Align the two pins of the GX5.3 base with the corresponding sockets in the fixture. Gently push the bulb into place until it is securely seated. Do not force the bulb.
4. **Verify Connection:** Ensure the bulb is firmly in the socket and the pins are fully inserted.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.

Note: This bulb operates at 12 Volts and requires a compatible power supply or transformer.

OPERATING INSTRUCTIONS

The Donar EFP 12V 100W RM-105 bulb is designed for straightforward operation once installed.

- **Power On/Off:** Use the power switch of your equipment or fixture to turn the bulb on or off.
- **Operating Position:** The bulb is designed for BD/HORIZ operating positions, meaning it can be used base down or horizontally. Refer to your equipment's manual for specific orientation requirements.
- **Non-Dimmable:** This bulb is **not dimmable**. Attempting to use it with a dimmer switch may lead to premature failure or damage to the bulb and/or dimmer.
- **Heat Output:** Halogen bulbs produce significant heat. Ensure adequate ventilation around the bulb and fixture to prevent overheating. Do not touch the bulb when it is on or immediately after it has been turned off.

MAINTENANCE

Minimal maintenance is required for the Donar EFP 12V 100W RM-105 bulb, but proper care can extend its lifespan.

- **Cleaning:** If the bulb's glass surface becomes dirty, ensure the bulb is cool and power is disconnected. Gently wipe with a

clean, lint-free cloth moistened with rubbing alcohol. Allow to dry completely before re-energizing.

- **Handling:** Always handle the bulb by its base. Avoid touching the glass.
- **Storage:** Store spare bulbs in their original packaging in a cool, dry place to protect them from dust and physical damage.
- **Replacement:** The rated life of this bulb is approximately 50 hours. Replace the bulb when its light output diminishes significantly or it ceases to function.

TROUBLESHOOTING

If you encounter issues with your Donar EFP 12V 100W RM-105 bulb, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, loose connection, or bulb failure.	Check power supply. Ensure bulb is securely seated. Replace bulb if necessary.
Bulb flickers or dims.	Loose connection, incompatible dimmer (if used), or nearing end of life.	Check connection. Ensure no dimmer is used as this bulb is not dimmable. Replace bulb.
Bulb burns out quickly.	Overvoltage, frequent switching, or improper handling (e.g., touching glass).	Verify correct voltage (12V). Reduce frequency of on/off cycles. Handle bulb by base only.

TECHNICAL SPECIFICATIONS

Specification	Value
Brand	Donar
Model Number	RM-105
Voltage	12 Volts
Wattage	100 Watts
Bulb Shape Size	MR16
Bulb Base	GX5.3
Special Feature	Not Dimmable
Filament	C-6
Life (hrs.)	50
Operating Position	BD/HORIZ
Material	Copper (for base/contacts)
Item Package Quantity	2

WARRANTY AND SUPPORT

For information regarding warranty coverage and customer support for your Donar EFP 12V 100W RM-105 Specialty Bulb, please refer to the documentation provided at the time of purchase or contact the seller directly. Donar strives to provide reliable products, and any specific warranty terms will be outlined by the point of sale or manufacturer.

If you require technical assistance or have questions not covered in this manual, please reach out to the retailer or manufacturer's customer service department.

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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

Anonymous

Email

you@example.com

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