

Technical Precision RAS/253AF-AZ-1GUE-9

Technical Precision Replacement Light Bulb for ELMO RAS/253AF

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Technical Precision replacement light bulb, model RAS/253AF-AZ-1GUE-9. This bulb is designed as a replacement for the ELMO RAS/253AF light bulb and is not manufactured by ELMO.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock and Burns.

- Always disconnect power to the equipment before installing or replacing the light bulb.
- Allow the old bulb to cool completely before removal to prevent burns.
- Handle the new bulb carefully. Avoid touching the glass with bare hands, as oils can reduce bulb life. Use a clean cloth or gloves.
- Ensure the replacement bulb matches the specifications of the original bulb to prevent damage to the equipment.
- Dispose of old bulbs according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Technical Precision Replacement Light Bulb (Model: RAS/253AF-AZ-1GUE-9)

4. SETUP AND INSTALLATION

Follow these steps to safely install your new replacement light bulb:

1. **Power Disconnection:** Ensure the equipment (e.g., projector, microscope) is completely turned off

and unplugged from its power source.

2. **Access Bulb Compartment:** Refer to your equipment's original manual for instructions on how to safely access the light bulb compartment. This may involve opening a cover or panel.
3. **Remove Old Bulb:** Carefully remove the old bulb. It may be secured by clips or screws. Allow it to cool if it was recently in use.
4. **Install New Bulb:** Holding the new bulb with a clean cloth or gloves, align its pins or base with the socket in the equipment. Gently push or twist until it is securely seated. Do not force the bulb.
5. **Secure Compartment:** Close and secure the bulb compartment cover or panel.
6. **Reconnect Power:** Plug the equipment back into the power source.



Image 1: Technical Precision Replacement Light Bulb. This image displays the compact fluorescent bulb, highlighting its design and connection points, similar to the ELMO RAS/253AF original bulb.

5. OPERATION

Once properly installed, the Technical Precision replacement light bulb operates as intended by the original equipment manufacturer. Turn on your equipment as usual to activate the light source.

6. MAINTENANCE

To ensure optimal performance and longevity of your light bulb:

- **Cleaning:** If the bulb's glass surface becomes dusty, gently wipe it with a soft, dry, lint-free cloth. Avoid using liquid cleaners.
- **Inspection:** Periodically inspect the bulb for any signs of damage or discoloration. If the bulb appears damaged, replace it immediately.
- **Storage:** If storing a spare bulb, keep it in its original packaging in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If the light bulb does not illuminate after installation, consider the following:

- **No Power:** Ensure the equipment is properly plugged in and receiving power. Check circuit breakers or fuses.
- **Improper Installation:** Disconnect power and re-check that the bulb is securely seated in its socket.
- **Equipment Malfunction:** If other functions of the equipment are not working, the issue may be with

the equipment itself, not the bulb. Consult your equipment's manual.

- **Defective Bulb:** Although rare, a new bulb can be defective. If all other troubleshooting steps fail, consider replacing the bulb with another new one.

8. SPECIFICATIONS

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| Brand | Technical Precision |
| Model Number | RAS/253AF-AZ-1GUE-9 |
| Voltage | 24 Volts |
| Wattage | 250 Watts |
| Material | Glass |
| Included Components | Replacement Part |
| Item Package Quantity | 1 |

9. WARRANTY AND SUPPORT

For information regarding warranty, returns, or technical support, please contact Technical Precision directly or refer to the seller's policies where the product was purchased. Keep your purchase receipt as proof of purchase.

Note: This bulb is a replacement part and is not manufactured by ELMO. Any warranty or support inquiries should be directed to Technical Precision.