

## Technical Precision REFLECTA DIAMATOR AFM

# Technical Precision Replacement Light Bulb for Bowens REFLECTA DIAMATOR AFM

User Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Technical Precision Replacement Light Bulb for Bowens REFLECTA DIAMATOR AFM. Please read these instructions carefully before installation and operation. This bulb is designed as a direct replacement for the original Bowens REFLECTA DIAMATOR AFM light bulb.

## 2. IMPORTANT SAFETY INFORMATION

- **Power Disconnection:** Always ensure the power supply to the fixture is completely disconnected before attempting to install, remove, or clean the light bulb. Failure to do so may result in electric shock.
- **Handle with Care:** Light bulbs, especially halogen or incandescent types, can become very hot during operation. Allow the bulb to cool completely before handling.
- **Avoid Direct Contact:** Do not touch the glass part of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature bulb failure. Use a clean cloth or gloves when handling.
- **Proper Disposal:** Dispose of old or broken bulbs according to local regulations.
- **Intended Use:** This bulb is intended for use only in fixtures designed for the Bowens REFLECTA DIAMATOR AFM. Using it in incompatible fixtures may cause damage or safety hazards.

## 3. PRODUCT OVERVIEW

The Technical Precision Replacement Light Bulb is a high-quality component designed to restore the functionality of your Bowens REFLECTA DIAMATOR AFM equipment. It features a GY6.35 bulb base and operates at 22 Volts with a wattage of 150 Watts.



Figure 3.1: Overview of the Technical Precision Replacement Light Bulb. This image shows the clear glass bulb with its internal filament structure and the two-pin GY6.35 base.



Figure 3.2: Side view of the replacement light bulb, highlighting the compact design and the robust filament.

## 4. INSTALLATION INSTRUCTIONS

Follow these steps to safely install the replacement light bulb:

1. **Step 1: Disconnect Power.** Ensure the Bowens REFLECTA DIAMATOR AFM unit is unplugged from the power source and completely cooled down.
2. **Step 2: Access Bulb Socket.** Carefully open the fixture to access the bulb socket. Refer to your Bowens REFLECTA DIAMATOR AFM manual for specific instructions on accessing the bulb compartment.
3. **Step 3: Remove Old Bulb (if applicable).** If replacing an existing bulb, gently pull the old bulb straight out from its socket. Avoid twisting.
4. **Step 4: Insert New Bulb.** Holding the new Technical Precision bulb with a clean cloth or gloves, align the two pins of the GY6.35 base with the holes in the socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force it.
5. **Step 5: Secure Fixture.** Close and secure the bulb compartment of your Bowens REFLECTA DIAMATOR AFM unit.
6. **Step 6: Reconnect Power.** Plug the Bowens REFLECTA DIAMATOR AFM unit back into the power source.



Figure 4.1: Close-up of the bulb's GY6.35 base, showing the two pins for insertion into the socket. Ensure these pins are

aligned correctly during installation.

## 5. OPERATION

Once installed, the operation of the light bulb is controlled by the Bowens REFLECTA DIAMATOR AFM unit itself. Simply turn on the power to your equipment, and the bulb will illuminate. This bulb features an 'Instant On' capability, providing immediate light output.

## 6. MAINTENANCE

- **Cleaning:** If the bulb requires cleaning, ensure the power is off and the bulb is cool. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Replacement:** The average life of this bulb is approximately 50 hours. Replace the bulb when its light output diminishes significantly or it ceases to function. Refer to the installation instructions for replacement.

## 7. TROUBLESHOOTING

- **Bulb Does Not Light Up:**
  - Check if the Bowens REFLECTA DIAMATOR AFM unit is properly plugged into a working power outlet.
  - Verify that the bulb is correctly seated in its socket and the pins are making good contact.
  - Ensure the power switch on the unit is in the 'ON' position.
  - If the bulb is old, it may have reached the end of its lifespan and requires replacement.
- **Bulb Flickers:**
  - Check the connection of the bulb in its socket. A loose connection can cause flickering.
  - Ensure the power supply is stable.

## 8. SPECIFICATIONS

Specification	Detail
Brand	Technical Precision
Model Name	REFLECTA DIAMATOR AFM
Light Type	LED (Note: Product description indicates LED, but images and other specs suggest halogen. Please verify with manufacturer if this is critical.)
Wattage	150 Watts
Bulb Shape Size	T4
Bulb Base	GY6.35
Voltage	22 Volts
Color Temperature	3300 Kelvin

Average Life	50 Hours
Material	Glass
Bulb Length	1.75 Inches
Special Feature	High Efficiency, Instant On

## 9. WARRANTY AND SUPPORT

As a replacement part, this product is manufactured by Technical Precision. For specific warranty information or technical support, please contact Technical Precision directly or refer to the retailer's return policy. Keep your purchase receipt as proof of purchase.

**Manufacturer:** Technical Precision

**Contact:** Please visit the Technical Precision store on Amazon or their official website for contact details.