

Technical Precision PRADOVIT R-RA 150

Technical Precision Replacement Light Bulb for Wild PRADOVIT R-RA 150 User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Technical Precision replacement light bulb for the Wild PRADOVIT R-RA 150 projector. This product is designed as a compatible replacement part and is not manufactured by Wild. Please read this manual thoroughly before attempting to install or use the bulb to ensure proper function and safety.

2. SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the product and equipment:

- **Power Disconnection:** Always ensure the projector or device is completely powered off and unplugged from the electrical outlet before attempting any installation or maintenance.
- **Cool Down Period:** Allow the old bulb to cool down completely before handling. Bulbs can reach very high temperatures during operation.
- **Handle with Care:** Light bulbs, especially halogen types, are fragile. Avoid dropping or subjecting them to impact.
- **Avoid Skin Contact:** Do not touch the glass part of the new 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 bulbs according to local regulations.
- **Ventilation:** Ensure adequate ventilation around the bulb and projector to prevent overheating.
- **Voltage Compatibility:** Verify that the replacement bulb's voltage (22V) matches the requirements of your Wild PRADOVIT R-RA 150 projector.

3. INSTALLATION INSTRUCTIONS

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

1. **Prepare the Device:** Ensure the Wild PRADOVIT R-RA 150 projector is turned off and unplugged

from the power source. Allow sufficient time for the old bulb to cool down if it was recently in use.

2. **Access Bulb Compartment:** Refer to your projector's original manual for instructions on how to safely open the bulb compartment. This usually involves unscrewing a cover or opening a latch.
3. **Remove Old Bulb:** Carefully grasp the base of the old bulb and gently pull it straight out from its socket. Avoid twisting or forcing it. If the bulb is broken, use appropriate tools and protective gear to remove any fragments.
4. **Handle New Bulb:** Remove the new Technical Precision replacement bulb from its packaging.
Important: Hold the bulb by its ceramic or metal base. Do not touch the glass envelope with your bare fingers. If you accidentally touch the glass, clean it with an alcohol wipe and a lint-free cloth before installation.
5. **Insert New Bulb:** Align the two pins of the GY6.35 bulb base with the corresponding holes in the projector's socket. Gently push the bulb straight into the socket until it is fully seated and secure. Do not force the bulb.
6. **Secure Compartment:** Close and secure the bulb compartment cover according to your projector's instructions.
7. **Test Operation:** Plug the projector back into the power source and turn it on to verify the new bulb is functioning correctly.



Figure 1: Front view of the Technical Precision GY6.35 replacement light bulb, showing its two-pin base and filament.



Figure 2: Side view of the Technical Precision GY6.35 replacement light bulb, highlighting the tubular glass shape and pin configuration.

4. OPERATION

Once the Technical Precision replacement bulb is correctly installed, its operation is integrated with your Wild PRADOVIT R-RA 150 projector. The bulb will illuminate when the projector is powered on and activated. Refer to your projector's original user manual for specific instructions on operating the device, including power cycles, brightness adjustments, and other functions.

5. MAINTENANCE

Proper maintenance can help extend the life of your replacement bulb and ensure optimal performance:

- **Cleaning:** If the glass envelope of the bulb becomes dusty or smudged, ensure the bulb is cool and the projector is unplugged. Gently wipe the glass with a clean, dry, lint-free cloth. Avoid using abrasive cleaners or excessive pressure.
- **Replacement Schedule:** The average life of this bulb is approximately 50 hours. Consider replacing the bulb when you notice a significant decrease in brightness or if the bulb fails to illuminate.
- **Environmental Conditions:** Operate the projector in a clean, dust-free environment with adequate

airflow to prevent premature bulb failure due to overheating.

6. TROUBLESHOOTING

If you encounter issues with your replacement bulb, consider the following common troubleshooting steps:

- **Bulb Not Lighting:**
 - Ensure the projector is properly plugged in and receiving power.
 - Verify the bulb is fully and correctly seated in its socket.
 - Check the projector's fuse or circuit breaker.
 - Confirm the bulb is not past its average lifespan (50 hours).
- **Flickering or Dim Light:**
 - Check for loose connections in the bulb socket.
 - Ensure the projector's power supply is stable and within specifications.
 - Dust or debris on the bulb's glass can cause dimming; clean as per maintenance instructions.
- **Short Bulb Lifespan:**
 - Ensure the projector's cooling system is functioning correctly to prevent overheating.
 - Avoid frequent on/off cycles, which can reduce bulb life.
 - Verify the input voltage to the projector is stable and matches the bulb's requirements.

If these steps do not resolve the issue, consult the original projector manual or contact Technical Precision customer support.

7. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	Technical Precision
Model Name	PRADOVIT R-RA 150 (Replacement)
Wattage	150 Watts
Bulb Base	GY6.35
Voltage	22 Volts
Unit Count	1.0 Count
Color Temperature	3300 Kelvin
Shape	Tubular (T)
Material	Glass
Bulb Length	1.75 Inches
Average Life	50 Hours

Specification	Detail
Included Components	Replacement Part

8. WARRANTY AND SUPPORT

As a replacement part, specific warranty terms may vary. For detailed warranty information, technical support, or any inquiries regarding your Technical Precision replacement light bulb, please contact Technical Precision directly through their official channels or the retailer from whom the product was purchased.

You can often find support information by visiting the [Technical Precision Store on Amazon](#).