

Technical Precision GW114 PHOTOPOLYMER

Technical Precision GW114 PHOTOPOLYMER Light Bulb Replacement Instruction Manual

Model: GW114 PHOTOPOLYMER

INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your Technical Precision GW114 PHOTOPOLYMER Light Bulb replacement. This bulb is designed as a direct replacement for the NUARC GW114 PHOTOPOLYMER bulb. Please read this manual thoroughly before proceeding with installation or use.

Safety Information

- Always disconnect power to the fixture before installing or removing the bulb.
- Allow the existing bulb to cool completely before handling. Hot bulbs can cause severe burns.
- Handle the new bulb with care. Avoid touching the glass with bare hands, as oils can reduce bulb life. Use a clean cloth or gloves.
- Ensure the bulb is compatible with your fixture's voltage and wattage requirements (135 Volts, 1200 Watts).
- Dispose of old bulbs according to local regulations, especially if they contain mercury or other hazardous materials.

SETUP AND INSTALLATION

Follow these steps to safely install your replacement light bulb:

1. **Power Disconnection:** Locate the power source for the fixture and turn it off. If possible, unplug the fixture from the wall outlet or switch off the circuit breaker.
2. **Cool Down:** Allow the existing bulb to cool down for at least 15-30 minutes before attempting to remove it.
3. **Remove Old Bulb:** Carefully remove the old GW114 PHOTOPOLYMER bulb from its socket. Note its orientation and how it was secured.
4. **Prepare New Bulb:** Unpack the Technical Precision GW114 PHOTOPOLYMER replacement bulb. Handle it by its ceramic ends or with a clean cloth/gloves to avoid touching the glass.

5. **Insert New Bulb:** Align the new bulb with the fixture's socket. Gently push and secure it into place. Ensure it is seated firmly and correctly.
6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.



Image 1: Technical Precision GW114 PHOTOPOLYMER Light Bulb. This image displays the tubular glass bulb with ceramic end caps, designed for high-intensity discharge applications.

OPERATING INSTRUCTIONS

After successful installation, the bulb is ready for operation.

- Turn on the power switch for the fixture. The bulb should illuminate.
- High-intensity discharge (HID) bulbs may require a short warm-up period to reach full brightness and stable color. This is normal operation.
- Avoid frequent on/off cycling, as this can reduce the bulb's lifespan.

MAINTENANCE

Proper maintenance ensures optimal performance and longevity of your bulb.

- **Cleaning:** If the bulb's glass surface becomes dusty or dirty, ensure the fixture is off and the bulb is cool. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use abrasive cleaners or liquids.
- **Inspection:** Periodically inspect the bulb and fixture for any signs of damage or wear.

- **Storage:** If storing a spare bulb, keep it in its original packaging in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your bulb, refer to the following common problems and solutions:

- **Bulb Does Not Light:**
 - Check if the power supply to the fixture is active.
 - Ensure the bulb is correctly seated in the socket.
 - Verify that the fixture itself is functioning correctly (test with a known working bulb if possible).
 - Confirm the fixture's voltage and wattage match the bulb's specifications.
- **Bulb Flickers or Cycles On/Off:**
 - This can indicate an aging bulb nearing the end of its life.
 - Ensure stable power supply to the fixture.
 - Check for loose connections in the fixture.
- **Reduced Brightness:**
 - Dust or dirt on the bulb surface can reduce light output. Clean as per maintenance instructions.
 - Bulb may be nearing its end of life.

If troubleshooting steps do not resolve the issue, contact Technical Precision customer support.

SPECIFICATIONS

Feature	Detail
Brand	Technical Precision
Model Number	GW114 PHOTOPOLYMER
Voltage	135 Volts
Wattage	1200 Watts
Bulb Length	5.79 Inches
Material	Glass
Shape	Tubular
Included Components	Replacement Part

WARRANTY INFORMATION

Technical Precision products are manufactured to high standards. For specific warranty details regarding your GW114 PHOTOPOLYMER replacement bulb, please refer to the warranty documentation provided with your purchase or visit the official Technical Precision website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require assistance, or need to report an issue that cannot be resolved using the troubleshooting guide, please contact Technical Precision customer support. Contact information can typically be found on the product packaging or the official brand website.

For more information, you may visit the [Technical Precision Store on Amazon](#).