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## Technical Precision 857BH

# Technical Precision Replacement Light Bulb 857BH Instruction Manual

Model: 857BH

## 1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Technical Precision 857BH replacement incandescent light bulb. This bulb is designed as a replacement for the Bell & Howell 857BH light bulb. Please read these instructions carefully before use and retain them for future reference.

## 2. SAFETY INFORMATION

Always prioritize safety when handling electrical components. Failure to follow these safety guidelines may result in electric shock, fire, or personal injury.

- **Power Disconnection:** Always ensure the power supply to the fixture is turned OFF at the circuit breaker or fuse box before attempting installation, removal, or maintenance.
- **Cool Down:** Allow the bulb to cool completely before handling. Hot bulbs can cause severe burns.
- **Proper Handling:** Handle the bulb by its base or reflector whenever possible. Avoid touching the glass envelope directly, as oils from your skin can create hot spots and reduce bulb life.
- **Correct Voltage:** Ensure the fixture's voltage matches the bulb's voltage (120 Volts).
- **Disposal:** Dispose of old or broken bulbs according to local regulations.
- **Indoor Use Only:** This bulb is intended for indoor use.

## 3. SETUP AND INSTALLATION

Follow these steps to safely install your new Technical Precision 857BH replacement light bulb.

1. **Turn Off Power:** Locate the power switch for the fixture and turn it to the OFF position. For added safety, turn off the power at the main circuit breaker.
2. **Allow Cooling:** If replacing an existing bulb, allow it sufficient time to cool down completely before

touching it.

3. **Remove Old Bulb:** Carefully remove the old bulb from the fixture. Depending on the fixture, this may involve twisting, pulling, or releasing a clip.
4. **Insert New Bulb:** Align the pins of the Technical Precision 857BH bulb with the corresponding sockets in the fixture. Gently push the bulb into place until it is securely seated. Do not force the bulb.
5. **Restore Power:** Once the new bulb is securely installed, restore power to the fixture at the circuit breaker and then turn on the fixture's switch.



**Image 1:** Technical Precision 857BH Incandescent Light Bulb. This image shows the tubular incandescent bulb with its reflector and GY5.3 base, ready for installation.

## 4. OPERATING INSTRUCTIONS

The Technical Precision 857BH light bulb operates like a standard incandescent bulb. Once installed in a compatible fixture and power is supplied, it will illuminate when the fixture's switch is turned on.

- **On/Off Function:** Use the fixture's designated switch to turn the light bulb on or off.
- **Light Output:** The bulb provides 300 watts of incandescent light, suitable for various indoor lighting applications.

## 5. MAINTENANCE

Minimal maintenance is required for the Technical Precision 857BH light bulb. Regular cleaning can help maintain optimal light output.

- **Cleaning:** Ensure the power is OFF and the bulb is completely cool. Gently wipe the glass surface with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically inspect the bulb for any signs of damage or discoloration. If damage is observed, replace the bulb immediately.

## 6. TROUBLESHOOTING

If your Technical Precision 857BH light bulb is not functioning as expected, consider the following troubleshooting steps:

- **Bulb Not Lighting:**
  - Check if the power supply to the fixture is ON.

- Ensure the bulb is correctly and securely seated in the fixture's socket.
- Inspect the bulb for any visible damage (e.g., broken filament). If damaged, replace the bulb.
- Test the fixture with a known working bulb to rule out a fixture issue.

- **Flickering Bulb:**

- Ensure the bulb is tightly screwed or inserted into the socket to ensure a good electrical connection.
- Check for any loose wiring in the fixture (only if qualified to do so, otherwise consult a professional).
- Verify that the power supply is stable and not experiencing fluctuations.

If these steps do not resolve the issue, contact Technical Precision customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Specification
Brand	Technical Precision
Model Name	857BH
Light Type	Incandescent
Wattage	300 Watts
Voltage	120 Volts
Bulb Base	GY5.3
Bulb Shape Size	T (Tubular)
Material	Glass
Indoor/Outdoor Usage	Indoor
Special Feature	Energy Efficient

## 8. WARRANTY AND SUPPORT

For information regarding warranty coverage, product support, or to inquire about replacement parts, please contact Technical Precision directly. Refer to the packaging or the official Technical Precision website for contact details.