

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

- › [Technical Precision](#) /
- › Technical Precision Replacement Light Bulb HC/ES 9W/6500K User Manual

## Technical Precision HCES 9W6500K

# Technical Precision Replacement Light Bulb HC/ES 9W/6500K User Manual

Model: **HCES 9W6500K** | Brand: **Technical Precision**

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Technical Precision HC/ES 9W/6500K replacement light bulb. This compact fluorescent lamp (CFL) is designed for specific applications requiring 9 watts of power and a 6500 Kelvin daylight white color temperature. Please read these instructions carefully before installation and retain them for future reference.

## 2. SAFETY INFORMATION

- Always turn off the power to the light fixture at the circuit breaker or wall switch before attempting to install, remove, or clean the bulb.
- Allow the bulb to cool completely before handling if it has been in use. Hot bulbs can cause burns.
- Handle the bulb by its plastic base, not the glass tubing, to avoid breakage and contamination from skin oils.
- Do not use this bulb in fully enclosed fixtures unless the fixture is specifically rated for CFLs. Enclosed fixtures can trap heat and shorten bulb life.
- This bulb is not designed for use with dimmer switches unless explicitly stated as dimmable. Using it with a dimmer may cause flickering or damage the bulb.
- Compact fluorescent lamps contain a small amount of mercury. Dispose of used bulbs according to local, state, and federal regulations. Many retailers offer recycling programs.
- Keep out of reach of children.

## 3. SETUP AND INSTALLATION

Follow these steps to safely install your replacement light bulb:

1. **Turn Off Power:** Ensure the power to the light fixture is completely turned off at the circuit breaker or the wall

switch.

2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, allow it to cool down completely. Carefully grasp the base of the old bulb and gently pull it straight out from the socket. Do not twist the glass tubing.
3. **Inspect New Bulb:** Unpack the Technical Precision HC/ES 9W/6500K bulb and inspect it for any visible damage.
4. **Align and Insert:** Align the prong base of the new bulb with the corresponding slots in the fixture's socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force the bulb, as this can damage the pins or the socket.



*Image: Front view of the HC/ES 9W/6500K bulb.*



*Image: Close-up of the prong base for proper alignment.*

5. **Restore Power:** Once the bulb is securely installed, restore power to the light fixture at the circuit breaker or wall switch.
6. **Test:** Turn on the light switch to confirm the bulb is working correctly.

## 4. OPERATING INSTRUCTIONS

---

The Technical Precision HC/ES 9W/6500K light bulb operates like any standard light source. Simply use the fixture's switch to turn the light on or off. This bulb provides instant-on illumination with a daylight white light (6500K) suitable for various indoor applications.

## 5. MAINTENANCE

---

- **Cleaning:** To clean the bulb, ensure the power is off and the bulb is cool. Gently wipe the glass tubing with a dry, soft, lint-free cloth. Do not use liquid cleaners or abrasive materials, as these can damage the bulb's surface or internal components.
- **Replacement:** Replace the bulb when it reaches the end of its operating life (approximately 8,000 hours) or if it

fails prematurely. Follow the installation steps outlined in Section 3 for safe replacement.



*Image: Proper handling of the bulb by its base.*

## 6. TROUBLESHOOTING

---

If you encounter issues with your light bulb, refer to the following common troubleshooting steps:

- **Bulb does not light up:**
  - Ensure the power switch for the fixture is in the "ON" position.
  - Verify that the bulb is securely seated in the socket. Remove and re-insert if necessary, ensuring the prongs are fully engaged.
  - Test the fixture with another known working bulb to confirm the fixture itself is receiving power and functioning correctly.

- The bulb may have reached the end of its operating life and requires replacement.

- **Bulb flickers or dims:**

- Ensure the bulb is fully inserted into the socket. A loose connection can cause flickering.
- Check if the fixture is connected to a dimmer switch. This bulb is generally not compatible with dimmers unless specifically stated.
- Inspect the fixture for loose wiring. If you suspect wiring issues, consult a qualified electrician.
- Flickering can also occur if the bulb is nearing the end of its life.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Technical Precision
Model Name	HCES 9W6500K
Light Type	CFL, Fluorescent
Wattage	9 watts
Bulb Shape Size	T4
Bulb Base	Prong
Light Color	Daylight White
Color Temperature	6500 Kelvin
Voltage	100 to 240 Volts
Indoor/Outdoor Usage	Indoor
Light Source Operating Life	8000 Hours
Material Type	Copper (for pins)
Included Components	Replacement Part

## 8. WARRANTY AND SUPPORT

**Warranty:** This Technical Precision product is covered by a **1-year manufacturer's warranty**. Please retain your proof of purchase for any warranty claims. The warranty covers defects in materials and workmanship under normal use.

**Support:** For technical assistance, troubleshooting, or any other inquiries regarding your replacement light bulb, please contact Technical Precision customer support. You can find more information and contact details by visiting the official Technical Precision store on Amazon: [Technical Precision Store](#).

## 9. GENERAL INFORMATION (BRAND OVERVIEW)

The following video provides a general overview of Technical Precision and its commitment to providing lighting and energy solutions. While not specific to the installation of this particular bulb, it offers insight into the brand's mission and product range.

Your browser does not support the video tag.

*Video: Technical Precision 2022 - Part 1. This video provides a general overview of the Technical Precision brand and its product philosophy.*



© 2026 Technical Precision. All rights reserved.