

## Sunlite PLT26/E/SP27K

# Sunlite PLT26/E/SP27K 26-Watt Compact Fluorescent Plug-in 4-Pin Light Bulb User Manual

## 1. PRODUCT OVERVIEW

The Sunlite PLT26/E/SP27K is a 26-watt compact fluorescent plug-in light bulb designed for use with external electronic ballasts. This 4-pin bulb provides 1800 lumens of light output with a color rendering index (CRI) of 80, ensuring accurate color perception. It features a 2700K color temperature, producing a warm white light similar to traditional incandescent bulbs. The bulb is engineered for longevity, offering an average lamp life of 10,000 hours, and is compatible with GX24Q-3 4-Pin sockets.



Figure 1: Sunlite PLT26/E/SP27K Compact Fluorescent Light Bulb. This image displays the overall structure of the 4-pin compact fluorescent bulb.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or replacing the light bulb. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Power Off:** Always turn off the power to the fixture at the circuit breaker or fuse box before attempting any installation, removal, or maintenance.
- **Cool Down:** Allow the bulb to cool completely before handling or replacing it to prevent burns.
- **Proper Disposal:** This compact fluorescent lamp contains a small amount of mercury. Dispose of the bulb

according to local, state, and federal regulations. Do not dispose of in regular household trash.

- **Ballast Compatibility:** Ensure that the fixture's electronic ballast is compatible with a 26-watt, 4-pin CFL bulb (GX24Q-3 base). Using an incompatible ballast can damage the bulb or fixture.
- **Indoor Use Only:** This bulb is designed for indoor use in appropriate fixtures.
- **Non-Dimmable:** This bulb is generally not dimmable unless explicitly stated on the packaging or fixture. Using it with a dimmer not designed for CFLs may cause damage or malfunction.

### 3. INSTALLATION

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Follow these steps to properly install your Sunlite PLT26/E/SP27K light bulb:

1. **Verify Power Off:** Confirm that the power to the light fixture is completely turned off at the circuit breaker or wall switch.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, gently grasp the base of the old bulb and pull it straight out from the socket. Avoid twisting the glass tubes.
3. **Inspect Socket:** Ensure the GX24Q-3 4-pin socket is clean and free from debris.
4. **Align Pins:** Carefully align the four pins on the base of the new Sunlite bulb with the corresponding slots in the fixture's socket.
5. **Insert Bulb:** Push the bulb firmly and straight into the socket until it is securely seated. Do not force the bulb or twist the glass tubes.



Figure 2: Close-up view of the 4-pin base of the Sunlite PLT26/E/SP27K bulb. This image highlights the GX24Q-3 base for proper alignment during installation.

## 4. OPERATION

Once the bulb is securely installed and the power is restored, the Sunlite PLT26/E/SP27K bulb will illuminate when the light switch is turned on. Compact fluorescent lamps typically require a brief warm-up period to reach full brightness and stable color output. This is normal operation and not an indication of a defect.

## 5. MAINTENANCE

The Sunlite PLT26/E/SP27K light bulb requires minimal maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** To clean the bulb, ensure the power is off and the bulb is cool. Gently wipe the glass tubes with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials, as these can damage the bulb.
- **Replacement:** When the bulb reaches the end of its operational life (approximately 10,000 hours), it will need to be replaced. Follow the installation steps in Section 3 in reverse to safely remove the old bulb and install a

new one.

## 6. TROUBLESHOOTING

If you encounter issues with your Sunlite PLT26/E/SP27K light bulb, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
Bulb does not light up	No power to fixture Bulb not properly seated Defective bulb Defective ballast	Check circuit breaker and wall switch Ensure bulb is fully inserted into socket Replace bulb with a new one Consult an electrician to check/replace ballast
Bulb flickers or cycles on/off	Incompatible or failing ballast Bulb nearing end of life Loose connection	Ensure ballast is compatible; replace if failing Replace bulb Re-seat bulb firmly in socket
Light output is dim	Bulb not fully warmed up Bulb nearing end of life	Allow a few minutes for bulb to reach full brightness Replace bulb

## 7. SPECIFICATIONS

Detailed technical specifications for the Sunlite PLT26/E/SP27K Compact Fluorescent Light Bulb:



Figure 3: Sunlite PLT26/E/SP27K bulb illustrating its approximate length of 5.20 inches.

Feature	Specification
Brand	Sunlite
Model Number	PLT26/E/SP27K
Light Type	CFL, Fluorescent

Feature	Specification
Wattage	26 Watts
Brightness	1800 Lumens
Color Temperature	2700 Kelvin (Warm White)
Color Rendering Index (CRI)	80
Bulb Base	GX24Q-3 4-Pin
Average Life	10,000 Hours
Voltage	100-120 Volts, 60 Hertz
Bulb Length	Approximately 5.20 inches
Material	Copper (pins)
Indoor/Outdoor Usage	Indoor

## 8. WARRANTY AND SUPPORT

For specific warranty information regarding your Sunlite PLT26/E/SP27K light bulb, please refer to the product packaging or contact Sunlite customer support directly. General support and product inquiries can be directed to the manufacturer's official channels.

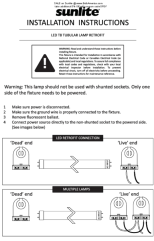
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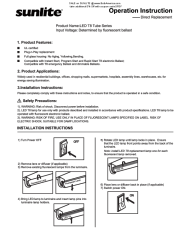

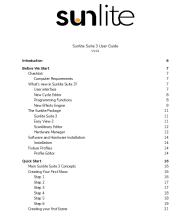
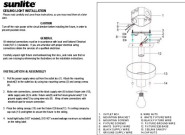
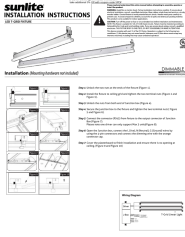
**Website:** [Visit the Sunlite Store on Amazon](#)



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### Related Documents - PLT26/E/SP27K

	<p><a href="#">Sunlite LED T8 Tubular Lamp Retrofit Installation Guide</a></p> <p>Step-by-step installation instructions for Sunlite's LED T8 tubular lamp retrofit. Includes safety warnings, wiring diagrams for single and multiple lamps, and essential setup information.</p>
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	<p><a href="#">Sunlite LED T8 Tube Series Installation and Operation Instructions</a></p> <p>This document provides installation and operation instructions for the Sunlite LED T8 Tube Series, a direct replacement for fluorescent lighting. It covers product features, applications, safety precautions, installation steps, and maintenance notes.</p>
	<p><a href="#">Sunlite 55159 LED Dimmer Switch Installation Instructions</a></p> <p>Detailed installation instructions for the Sunlite 55159 LED Dimmer Switch, compatible with 0-10V dimmable power supplies and lighting fixtures. Includes warnings, parts, tools, wiring diagrams for single-pole and 3-way setups, installation steps, testing, and troubleshooting.</p>
	<p><a href="#">Sunlite Suite 3 User Guide</a></p> <p>A comprehensive user guide for Sunlite Suite 3, covering installation, software features, programming, and advanced functionalities for lighting control.</p>
	<p><a href="#">Sunlite Ceiling Light Installation Guide</a></p> <p>Instructions for installing a Sunlite ceiling light fixture, including safety precautions, general guidelines, and a parts list for assembly.</p>
	<p><a href="#">Sunlite LED T-Grid Fixture Installation Guide   Model 88789-SU</a></p> <p>Comprehensive installation instructions for the Sunlite LED T-Grid Fixture (Model 88789-SU). Learn how to safely install and wire your T-grid linear light.</p>