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Sunlite 88805-SU

Sunlite 88805 LED CCT PLV Recessed Plug & Play Light Bulb User Manual

Model: 88805-SU

INTRODUCTION

This manual provides instructions for the safe and efficient use of your Sunlite 88805 LED CCT PLV Recessed Plug & Play Light Bulb. Please read this manual thoroughly before installation and operation, and retain it for future reference.

SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Ensure power is OFF before installation or removal.
- Do not disassemble or modify the bulb.
- Suitable for use in enclosed fixtures.
- For use with electronic ballasts only. Refer to the product specifications or manufacturer's website for a list of compatible ballasts.
- This product is UL Listed and RoHS Compliant.
- **Proposition 65 Warning:** This product can expose you to chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

PRODUCT FEATURES

- **Model:** 88805-SU
- **Light Type:** LED
- **Wattage:** 11 Watts (18W Fluorescent Replacement)
- **Brightness:** 1025 Lumens
- **Base Type:** G24q 2-Pin Vertical
- **Color Temperature:** 3000K Warm White, 4000K Cool White, 5000K Daylight (Switchable)
- **Beam Angle:** 180 degrees
- **Life Span:** Up to 50,000 hours
- **CRI:** 80

- **Voltage:** 120-277V
- **Special Features:** Plug & Play (no ballast bypass required), Instant On, No Buzzing/Flickering, RoHS Certified.





Image: Front view of the Sunlite 88805 LED CCT PLV light bulb, showing the G24q base and the color temperature selection switch with options for 3000K, 4000K, and 5000K.

SETUP AND INSTALLATION

- 1. Power Off:** Before beginning installation, ensure the power supply to the fixture is completely turned off at the circuit breaker.
- 2. Remove Existing Bulb:** Carefully remove the existing fluorescent PLV bulb from the fixture.
- 3. Verify Ballast Compatibility:** This LED bulb is designed for use with electronic ballasts only. Refer to the product specifications or the manufacturer's website for a list of compatible ballasts. Do not use with magnetic ballasts.
- 4. Insert LED Bulb:** Align the G24q 2-pin base of the Sunlite LED bulb with the socket in the fixture. Gently push and twist until the bulb is securely seated.
- 5. Select Color Temperature:** Locate the small switch on the side of the LED bulb. Slide the switch to select your desired color temperature: 3000K (Warm White), 4000K (Cool White), or 5000K (Daylight). This selection should be made before restoring power.
- 6. Restore Power:** Once the bulb is securely installed and the color temperature is selected, restore power to the fixture at the circuit breaker.
- 7. Test Operation:** Turn on the light switch to verify proper operation.

sunlite®



3000K/4000K/5000K
Color Temperature Tunable



180 Degree Beam Angle



Long 50,000 Hour Life Span



UL Listed for Damp Location Use

Image: Diagram illustrating the features of the Sunlite 88805 LED CCT PLV bulb, including its dimensions, G24q base, and the color tunable switch. Key features like 11 Watts, 1025 Lumens, 80 CRI, quiet operation, 5-year warranty, and USA-based company are highlighted.

OPERATING INSTRUCTIONS

The Sunlite 88805 LED CCT PLV bulb operates as a direct replacement for compatible fluorescent bulbs. Once installed, its operation is straightforward:

- **Power On/Off:** Use your existing light switch to turn the bulb on or off.
- **Instant Brightness:** The LED bulb provides instant full brightness without any warm-up time, buzzing, or flickering.
- **Color Temperature Selection:** The color temperature (3000K, 4000K, or 5000K) is set via a switch on the bulb itself during installation. To change the color temperature, you must turn off the power, remove the bulb, adjust the switch, and then reinstall the bulb and restore power.



COLOR TUNABLE

Innovative technology allows you to choose the color temperature on the bulb. Select from 3000K Warm White, 4000K Cool White, or 5000K Daylight.

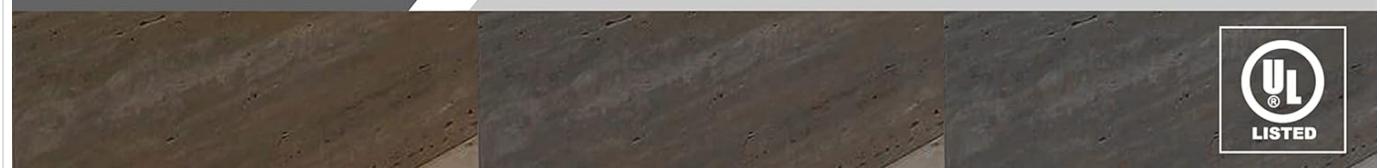


Image: Visual representation of the color tunable feature, showing three different light outputs (3000K, 4000K, 5000K) from an outdoor fixture, demonstrating the selectable color temperatures.

MAINTENANCE

The Sunlite 88805 LED CCT PLV bulb requires minimal maintenance due to its long lifespan and durable construction.

- Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the bulb. Do not use liquid cleaners or abrasive materials.
- Replacement:** With a rated lifespan of up to 50,000 hours, frequent replacement is not anticipated. If replacement is necessary, follow the "Setup and Installation" steps in reverse for removal and then for new bulb installation.
- Disposal:** Unlike CFL bulbs, these LED bulbs are RoHS Certified and do not contain harmful chemicals like mercury. They do not require special handling or disposal procedures beyond standard electronic waste guidelines in your locality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not properly seated. Incompatible ballast. Defective bulb.	Check circuit breaker and wall switch. Ensure bulb is fully inserted and twisted into the socket. Verify your fixture uses an electronic ballast. This bulb is not compatible with magnetic ballasts. Contact customer support if all other steps fail.
Bulb flickers or buzzes.	Incompatible ballast. Loose connection.	Confirm ballast compatibility. Ensure bulb is securely seated.
Incorrect color temperature.	Switch set to undesired temperature.	Turn off power, remove bulb, adjust the CCT switch to the desired setting, reinstall, and restore power.

SPECIFICATIONS

Model Number	88805-SU
Light Type	LED
Wattage	11 Watts (18W Fluorescent Equivalent)
Brightness	1025 Lumens
Base Type	G24q 2-Pin Vertical
Color Temperature	3000K, 4000K, 5000K (Switchable)
Voltage	120-277 Volts
Beam Angle	180 degrees
Life Span	Up to 50,000 hours
CRI	80
Dimensions	1.8 x 2.12 x 4.66 inches
Material	Polycarbonate (PC)
Certifications	UL Listed, RoHS Compliant
Indoor/Outdoor Usage	Outdoor (Suitable for damp locations)

Lighting Facts Per Bulb

Brightness 1025 lumens

Estimated Yearly Energy Cost \$1.32

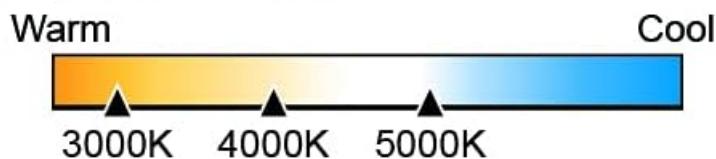
Based on 3 hrs/day, 11¢/kWh

Cost depends on rates and use

Life

Based on 3 hrs/day **45.7 years**

Light Appearance



Energy Used 11 watts

Image: A "Lighting Facts" label detailing the bulb's brightness (1025 lumens), estimated yearly energy cost (\$1.32), life (45.7 years based on 3 hrs/day), light appearance range (3000K Warm to 5000K Cool), and energy used (11 watts).

WARRANTY AND SUPPORT

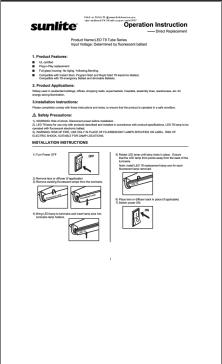
Warranty: This Sunlite LED bulb comes with a 3-year manufacturer warranty. Please retain your proof of purchase for warranty claims.

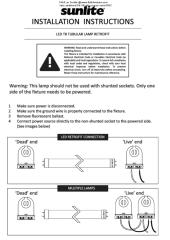
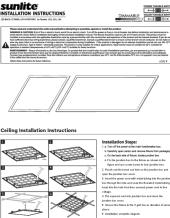
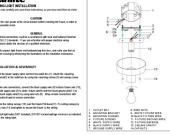
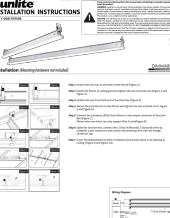
Customer Support: For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Sunlite customer service. Refer to the product packaging or the official Sunlite website for current contact information.

Online Resources: Additional information, including a complete list of compatible ballasts, may be available on the Sunlite website.

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Related Documents - 88805-SU

	<p>Sunlite LED T8 Tube Series Installation and Operation Instructions</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>
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	<p>Sunlite LED T8 Tubular Lamp Retrofit Installation Guide</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>
	<p>Sunlite LED Panel Light Installation Instructions</p> <p>Comprehensive installation instructions for Sunlite LED Back-Lit Panel Lay-In Fixtures, covering ceiling, suspension, and surface mounting methods. Includes wiring guidance and instructions for adjusting wattage and color temperature.</p>
	<p>Sunlite 55159 LED Dimmer Switch Installation Instructions</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>Sunlite Ceiling Light Installation Guide</p> <p>Instructions for installing a Sunlite ceiling light fixture, including safety precautions, general guidelines, and a parts list for assembly.</p>
	<p>Sunlite LED T-Grid Fixture Installation Guide Model 88789-SU</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>