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- › [Sunlite](#) /
- › [Sunlite F6T5/DL T5 Linear Fluorescent Lamp User Manual](#)

Sunlite F6T5/DL

Sunlite F6T5/DL T5 Linear Fluorescent Lamp User Manual

Model: F6T5/DL | Brand: Sunlite

INTRODUCTION

This manual provides instructions for the safe and efficient use of your Sunlite F6T5/DL T5 Linear Fluorescent Lamp. This high-performance lighting solution offers efficiency and longevity, providing 210 lumens of brightness while consuming only 6 watts of energy. Designed for a 6500K daylight glow, it is suitable for various environments. The lamp has an average lifespan of 6,000 hours and is easy to install and maintain. Its dimensions are approximately 0.63 inches in diameter and 9 inches in length.



Image: Overview of the Sunlite F6T5/DL T5 Linear Fluorescent Lamp, highlighting its key features and dimensions.

SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Disconnect Power:** Always turn off power at the circuit breaker or fuse box before installing, removing, or servicing the lamp.
- **Proper Handling:** Handle fluorescent lamps carefully. Avoid dropping or striking the lamp, as this can cause breakage and release small amounts of mercury vapor and glass fragments.
- **Correct Base Type:** Ensure the lamp's G5 bi-pin base matches your fixture. Incorrect base types can lead to poor connection or damage.
- **Fixture Compatibility:** Use only in fixtures designed for T5 linear fluorescent lamps of the specified wattage (6 watts) and length (9 inches).
- **Disposal:** Dispose of used fluorescent lamps according to local regulations. Many areas have specific recycling programs

for fluorescent bulbs due to their mercury content.

- **Do Not Touch Hot Lamp:** Allow the lamp to cool completely before handling after operation.
- **Indoor Use Only:** This lamp is intended for indoor use in dry locations unless specified otherwise by the fixture.

PACKAGE CONTENTS

Your package should contain the following items:

- 10 x Sunlite F6T5/DL T5 Linear Fluorescent Lamps (6 Watts, 9-Inch, 6500K Daylight)

SPECIFICATIONS

Feature	Detail
Brand	Sunlite
Model Number	F6T5/DL (05051-SU)
Light Type	Linear Fluorescent Lamp
Wattage	6 Watts
Brightness	210 Lumens
Color Temperature	6500K Daylight
Bulb Shape Size	T5 1/2
Bulb Base	Miniature G5 Bi-Pin Base
Voltage	120 Volts
Average Life	6,000 Hours
Product Dimensions	0.63" Diameter x 9" Length
Material	Plastic
Compliance	RoHS Compliant

sunlite®



Versatile Applications

6K
HOURS

Long 6,000
Hour Lifespan



Easy To Install



Energy Efficient

Image: Key features of the Sunlite T5 lamp, including its versatility, long lifespan, ease of installation, and energy efficiency.

SETUP AND INSTALLATION

Follow these steps to safely install your Sunlite F6T5/DL T5 Linear Fluorescent Lamp:

1. **Turn Off Power:** Locate the circuit breaker or fuse box that controls the power to the light fixture. Turn off the power completely to prevent electric shock.
2. **Remove Old Lamp (if applicable):** If replacing an existing lamp, carefully twist and pull the old lamp from its bi-pin sockets. Dispose of it properly.
3. **Inspect Fixture:** Ensure the fixture is clean and the bi-pin sockets are free from debris or damage.
4. **Insert New Lamp:** Align the two pins on each end of the new Sunlite F6T5/DL lamp with the slots in the fixture's bi-pin sockets. Gently push the lamp into the sockets and twist slightly until it seats firmly. Do not force the lamp.
5. **Secure Connection:** Ensure both ends of the lamp are securely seated in their respective sockets. A loose connection can cause flickering or prevent the lamp from lighting.
6. **Restore Power:** Once the lamp is securely installed, restore power at the circuit breaker or fuse box.

7. **Test Lamp:** Turn on the light switch to confirm the lamp is working correctly.



6 Watts

Bright 210 Lumen Output

6500K Day-Light Glow

High Performance Straight Tube



9" T5 Linear Fluorescent Lamp



0.63 in

9.00 in

Miniature G5 Bi-Pin Base

Image: Detailed view of the lamp's G5 bi-pin base and dimensions, crucial for correct installation.

OPERATING INSTRUCTIONS

The Sunlite F6T5/DL T5 Linear Fluorescent Lamp operates like a standard fluorescent bulb. Once installed in a compatible fixture and power is restored, simply use the fixture's switch to turn the light on or off.

- **Instant On:** Modern fluorescent lamps typically provide instant illumination.
- **Daylight Glow:** The 6500K color temperature produces a bright, natural daylight-like glow, suitable for various applications including task lighting, general room illumination, or accent lighting.



Image: Example of a room illuminated by the 6500K daylight bulbs, showcasing the natural and bright light output.

MAINTENANCE

Minimal maintenance is required for your fluorescent lamp.

- **Cleaning:** To clean the lamp, ensure the power is off and the lamp is cool. Gently wipe the lamp with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** The lamp has an average lifespan of 6,000 hours. When the lamp begins to flicker excessively, dim, or fails to light, it is time for replacement. Follow the "Setup and Installation" steps to replace the lamp.
- **Disposal:** Always dispose of old fluorescent lamps responsibly according to local environmental regulations, as they contain small amounts of mercury.



Image: An office setting demonstrating the consistent and reliable illumination provided by the lamp, highlighting its certified quality and long lifespan.

TROUBLESHOOTING

If you encounter issues with your Sunlite F6T5/DL T5 Linear Fluorescent Lamp, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lamp does not light up.	<ul style="list-style-type: none"> ◦ No power to the fixture. ◦ Lamp not properly seated. ◦ Defective lamp. ◦ Defective fixture/ballast. 	<ul style="list-style-type: none"> ◦ Check circuit breaker/fuse and wall switch. ◦ Turn off power, re-seat the lamp firmly. ◦ Replace with a new lamp to test. ◦ Consult a qualified electrician if fixture is suspected.

Problem	Possible Cause	Solution
Lamp flickers or dims.	<ul style="list-style-type: none">Loose connection.Lamp nearing end of life.Incompatible or failing ballast.Low voltage.	<ul style="list-style-type: none">Turn off power, re-seat the lamp.Replace the lamp.Consult a qualified electrician.Verify power supply voltage.
Lamp makes buzzing noise.	<ul style="list-style-type: none">Loose lamp.Aging or incompatible ballast.	<ul style="list-style-type: none">Turn off power, re-seat the lamp.Consult a qualified electrician to inspect/replace ballast.

If these solutions do not resolve the issue, contact customer support or a qualified electrician.

WARRANTY AND SUPPORT

Warranty: For detailed warranty information, please refer to the packaging of your Sunlite F6T5/DL T5 Linear Fluorescent Lamp.

Customer Support: For further assistance, technical support, or inquiries, please visit the official Sunlite Store on Amazon or contact Sunlite customer service directly.

[Visit the Sunlite Store on Amazon](#)