

Satco S8667

SATCO S8667 40W T5 Twin Tube CFL Lamp User Manual

Model: S8667

Brand: Satco

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your SATCO S8667 40W T5 Twin Tube Compact Fluorescent Lamp. Please read these instructions carefully before use and retain them for future reference.

Safety Information

- Always disconnect power before installing or replacing the lamp.
- Do not use this lamp in enclosed fixtures unless specified by the fixture manufacturer.
- Handle with care to avoid breakage. This lamp contains mercury; dispose of properly according to local regulations.
- Ensure the lighting fixture is compatible with a 2G11 base and a 40W fluorescent lamp.

2. PRODUCT OVERVIEW

The SATCO S8667 is a 40-watt Twin Tube Compact Fluorescent Lamp (CFL) designed for general lighting applications. It features a 2G11 lamp base and a T5 shape, providing 3500 lumens of neutral white light at a 3500K color temperature.

Key Features:

- **Wattage:** 40W
- **Voltage:** 120V
- **Base Type:** 2G11
- **Shape:** T5 Twin Tube
- **Lumen Output:** 3500 Lumens
- **Color Temperature:** 3500K (Neutral White)
- **Average Life:** 20,000 hours



Figure 1: SATCO S8667 Twin Tube Compact Fluorescent Lamp. This image illustrates the lamp's twin tube design and 2G11 base connector.

3. SETUP AND INSTALLATION

1. **Power Disconnection:** Before beginning installation, ensure the power supply to the fixture is turned off at the circuit breaker or fuse box.
2. **Fixture Compatibility:** Verify that your lighting fixture is designed for 2G11 base fluorescent lamps and can accommodate a 40W lamp.
3. **Lamp Insertion:** Carefully align the four pins of the 2G11 base on the SATCO S8667 lamp with the corresponding slots in the fixture's lamp holder. Gently push the lamp into the holder until it is securely seated. Do not force the lamp, as this may cause damage.
4. **Power Reconnection:** Once the lamp is securely installed, restore power to the fixture from the circuit breaker or fuse box.

5. **Testing:** Turn on the light switch to confirm proper operation of the lamp.

Note: If replacing an existing lamp, allow the old lamp to cool completely before removal. Grasp the old lamp firmly and pull it straight out from the base to avoid bending the pins.

4. OPERATING INSTRUCTIONS

The SATCO S8667 lamp operates by simply applying power to the compatible fixture. Once installed, turn on the light switch to illuminate the lamp. This lamp is designed for use with instant-start or rapid-start electronic ballasts. Refer to your fixture's specifications for ballast type compatibility.

The SATCO S8667 is a dimmable lamp. If your fixture and ballast are compatible with dimming functionality, the lamp's brightness can be adjusted using a suitable dimmer switch. Ensure the dimmer is specifically rated for fluorescent lamps to prevent damage or improper operation.

5. MAINTENANCE

Cleaning:

To maintain optimal light output, periodically clean the lamp surface. Ensure the power is off and the lamp is cool before cleaning. Use a soft, dry, lint-free cloth to gently wipe the lamp. Do not use liquid cleaners, abrasive materials, or harsh chemicals, as these can damage the lamp's surface or internal components.

Lamp Replacement:

The average rated life of the SATCO S8667 lamp is 20,000 hours. When the lamp reaches the end of its operational life or fails, replace it by following the installation steps outlined in Section 3. Always ensure the power is disconnected before replacing the lamp.

Disposal: This lamp contains a small amount of mercury. Dispose of the lamp according to local, state, and federal regulations. Many communities have recycling programs specifically for fluorescent lamps to ensure environmentally responsible disposal.

6. TROUBLESHOOTING

• Lamp Does Not Light:

- Check if the power supply to the fixture is on at the switch and circuit breaker.
- Ensure the lamp is correctly and securely seated in the fixture's base.
- Verify that the fixture's ballast is functioning correctly and is compatible with a 40W CFL.
- Replace the lamp with a known working one to rule out a defective lamp.

• Lamp Flickers:

- Ensure the lamp is fully inserted into the base.
- Check for loose wiring in the fixture.
- The ballast may be failing or incompatible with the lamp.
- If using a dimmer, ensure it is rated for fluorescent lamps and is functioning correctly.

• Reduced Light Output:

- Clean the lamp surface as described in the Maintenance section.
- The lamp may be nearing the end of its operational life.

• Lamp Buzzes:

- A persistent buzzing sound often indicates an issue with the ballast. Consult a qualified electrician for inspection and replacement if necessary.

7. SPECIFICATIONS

Parameter	Value
Model Number	S8667
Brand	Satco
Wattage	40 Watts
Voltage	120 Volts
Lamp Base	2G11
Shape	T5 Twin Tube
Lumen Output	3500 Lumens
Color Temperature (CCT)	3500K (Neutral White)
Color Rendering Index (CRI)	82
Average Rated Life	20,000 hours
Dimensions (Dia x L)	1-3/4 in Dia x 22-1/2 in L (approx.)
Special Feature	Dimmable (with compatible ballast/dimmer)
UPC	045923086670

8. WARRANTY AND SUPPORT

For specific warranty information and technical support regarding your SATCO S8667 lamp, please contact Satco customer service directly or visit their official website. It is recommended to retain your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: SATCO Lighting

Website: www.satco.com