Satco S6596

Satco S6596 Circline Fluorescent Light Bulb Instruction Manual

Model: S6596

INTRODUCTION

The Satco S6596 is a 55-watt T6 circline fluorescent light bulb designed for various lighting fixtures. This bulb provides 3000K warm white light with an 82 CRI (Color Rendering Index) and features a 4-pin base. Its dimensions are approximately 1.13 inches in width and 9.00 inches in height.

This manual provides essential information for the safe and correct installation, operation, and maintenance of your Satco S6596 light bulb.

SAFETY INFORMATION

- Always disconnect power to the fixture before installing or replacing the bulb.

- Handle the bulb with care. Fluorescent bulbs are made of glass and can break if dropped or mishandled.

- Do not use this bulb in fixtures not designed for circline fluorescent bulbs or with incompatible ballasts. This bulb requires a compatible driver (ballast) to operate.

- Dispose of fluorescent bulbs according to local regulations, as they contain small amounts of mercury.

- Avoid touching the glass portion of the bulb directly with bare hands, as oils can reduce bulb life. Use a clean cloth or gloves.

PACKAGE CONTENTS

- 1 x Satco S6596 Circline Fluorescent Light Bulb

SETUP AND INSTALLATION

1. **Power Disconnection:** Ensure the power supply to the lighting fixture is turned off at the circuit

breaker before beginning installation.

2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, carefully remove it from the fixture. Note how the old bulb was connected to ensure correct installation of the new one.

3. **Insert New Bulb:** Align the 4-pin base of the Satco S6596 bulb with the receptacle in your fixture. Gently push the bulb into place until the pins are fully seated. The connector on this bulb is flat, which may differ from older bulbs with angled connectors. Ensure your fixture's wiring allows for a flexible connection.

4. **Secure Bulb:** If your fixture has retaining clips or brackets, ensure the bulb is securely held. Handle the bulb with care during this step, as it is fragile.

5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker.

6. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.

Image: The Satco S6596 circline fluorescent light bulb, showing its circular shape and 4-pin base connector.

OPERATING INSTRUCTIONS

The Satco S6596 fluorescent bulb operates immediately upon receiving power from a compatible ballast. No special operating procedures are required beyond turning on the light switch connected to the fixture.

- **Light Output:** Provides 3800 lumens of light.
- **Color Temperature:** Emits a warm white light at 3000 Kelvin.
- **Color Rendering:** Features an 82 CRI, indicating good color accuracy.

MAINTENANCE

- **Cleaning:** To clean the bulb, ensure the power is off and the bulb is cool. Gently wipe the glass with a soft, dry, lint-free cloth. Do not use liquid cleaners directly on the bulb.
- **Replacement:** Replace the bulb when it reaches the end of its life (average 12,000 hours) or if it begins to flicker or dim significantly. Follow the installation steps for replacement.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, loose connection, faulty bulb, or faulty ballast.	Check power supply. Ensure bulb is fully seated. Test with a known working bulb. Inspect or replace ballast if necessary.
Bulb flickers.	Loose connection, aging bulb, or failing ballast.	Ensure bulb is securely connected. Replace bulb if it's old. Inspect or replace ballast.
Bulb does not fit correctly.	Incompatible fixture or rigid wiring.	Verify fixture compatibility with a 4-pin circline T6 bulb. Ensure the fixture's power connector is flexible enough to accommodate the bulb's flat pin configuration.

SPECIFICATIONS

Feature	Detail
Brand	Satco
Model Name	S6596
Light Type	Fluorescent
Wattage	55 watts
Bulb Shape Size	T6 (Circline)
Bulb Base	4-Pin (Prong)
Light Color	Warm White
Color Temperature	3000 Kelvin
Color Rendering Index (CRI)	82
Brightness	3800 Lumens
Average Life	12,000 Hours

Feature	Detail
Voltage	120 Volts
Product Dimensions	1.13"W x 9"H
Material	Glass
Special Feature	Work with Driver (Ballast)
GTIN	045923065965
ASIN	B0078MXZVO

WARRANTY

This product comes with an average rated hour limited warranty. For specific warranty details and claims, please refer to the manufacturer's official documentation or contact Satco customer support.

SUPPORT

For further assistance, technical support, or inquiries regarding your Satco S6596 light bulb, please visit the official Satco website or contact their customer service department.

Note: Always refer to the latest information provided by the manufacturer for the most accurate and up-to-date support details.