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Satco S12535

Satco S12535 ST19 LED Light Bulb User Manual

Model: S12535

INTRODUCTION

Thank you for choosing the Satco S12535 ST19 LED Light Bulb. This manual provides essential information for the safe and efficient use of your new LED bulb. Please read these instructions carefully before installation and retain them for future reference.



Image: The Satco S12535 ST19 LED Light Bulb, clear glass with visible filaments.

IMPORTANT SAFETY INFORMATION

- **Risk of Electric Shock:** Always disconnect power before installing or replacing the bulb.
- **Indoor/Outdoor Use:** This bulb is rated for wet locations (IP65) and suitable for enclosed fixtures. It can be used indoors or in covered outdoor environments.
- **Voltage:** Ensure the fixture voltage is 120V. Do not use with incompatible voltage.
- **Dimming:** This bulb is dimmable. Use only with compatible 120V dimmers. Incompatible dimmers may cause flickering or damage.
- **Temperature:** Do not operate outside the specified temperature range of -20°C to +45°C.
- **Handling:** Allow the bulb to cool before handling. Avoid touching the bulb with bare hands immediately after use.
- **Disposal:** Dispose of LED bulbs according to local regulations.

SETUP AND INSTALLATION

1. **Power Off:** Before installation, ensure the power supply to the fixture is turned off at the circuit

breaker or fuse box.

2. **Remove Old Bulb:** Carefully unscrew the existing bulb from the fixture.
3. **Insert New Bulb:** Screw the Satco S12535 LED bulb into the E26 medium base socket. Ensure it is securely tightened but do not overtighten.
4. **Power On:** Restore power to the fixture.
5. **Dimmer Compatibility (if applicable):** If using a dimmer, ensure it is compatible with LED bulbs and rated for 120V.



Image: Close-up of the E26 medium base of the Satco LED bulb, indicating its standard screw-in design.

OPERATION

The Satco S12535 LED bulb is designed for immediate illumination upon power activation. It provides 425 lumens of 5000K natural white light, suitable for various applications.

- **Brightness Control:** When connected to a compatible 120V dimmer, the brightness can be adjusted from full intensity to a lower, softer glow.
- **Light Quality:** The bulb features a high Color Rendering Index (CRI) of 92, ensuring accurate and natural color representation of objects in its light.

- **Beam Spread:** A 300-degree beam spread provides wide and even illumination, minimizing shadows.



Image: The Satco ST19 LED bulb installed in a fixture, providing illumination to a modern living room and kitchen area.

MAINTENANCE

The Satco S12535 LED bulb requires minimal maintenance due to its long rated life of 15,000 hours.

- **Cleaning:** To clean the bulb, ensure the power is off and the bulb is cool. Wipe gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** Replace the bulb when it reaches the end of its operational life. Follow the installation steps in reverse to remove the old bulb.

TROUBLESHOOTING

If you encounter issues with your Satco S12535 LED bulb, refer to the following common troubleshooting steps:

- **Bulb Does Not Light Up:**

- Ensure the power supply to the fixture is on.
- Check if the bulb is screwed in securely.
- Test the bulb in another working fixture to confirm it is not faulty.
- Verify the fixture itself is operational.

- **Flickering or Inconsistent Light:**

- If using a dimmer, ensure it is compatible with LED bulbs. Older incandescent-only dimmers may cause flickering.
- Check for loose connections in the fixture or bulb socket.
- Ensure the voltage supply is stable at 120V.

- **Bulb is Too Dim or Too Bright:**

- If using a dimmer, adjust the dimmer setting.
- Confirm the bulb's specifications (425 lumens, 5000K) match your lighting requirements.

SPECIFICATIONS

Feature	Detail
Model Number	S12535
Wattage	5 Watts (40W Incandescent Equivalent)
Brightness	425 Lumens
Color Temperature	5000K (Natural White)
Bulb Shape	ST19
Base Type	E26 Medium Base
Color Rendering Index (CRI)	92
Beam Angle	300 Degrees
Voltage	120V
Dimmable	Yes (with compatible 120V dimmers)
Rated Life	15,000 Hours
Environmental Rating	Wet Location Rated (IP65), Enclosed Fixture Rated
Operating Temperature	-20°C to +45°C
Certifications	cULus, FCC, RoHS
Power Factor	0.7
Frequency	60Hz
Item Weight (6-pack)	1.06 Pounds

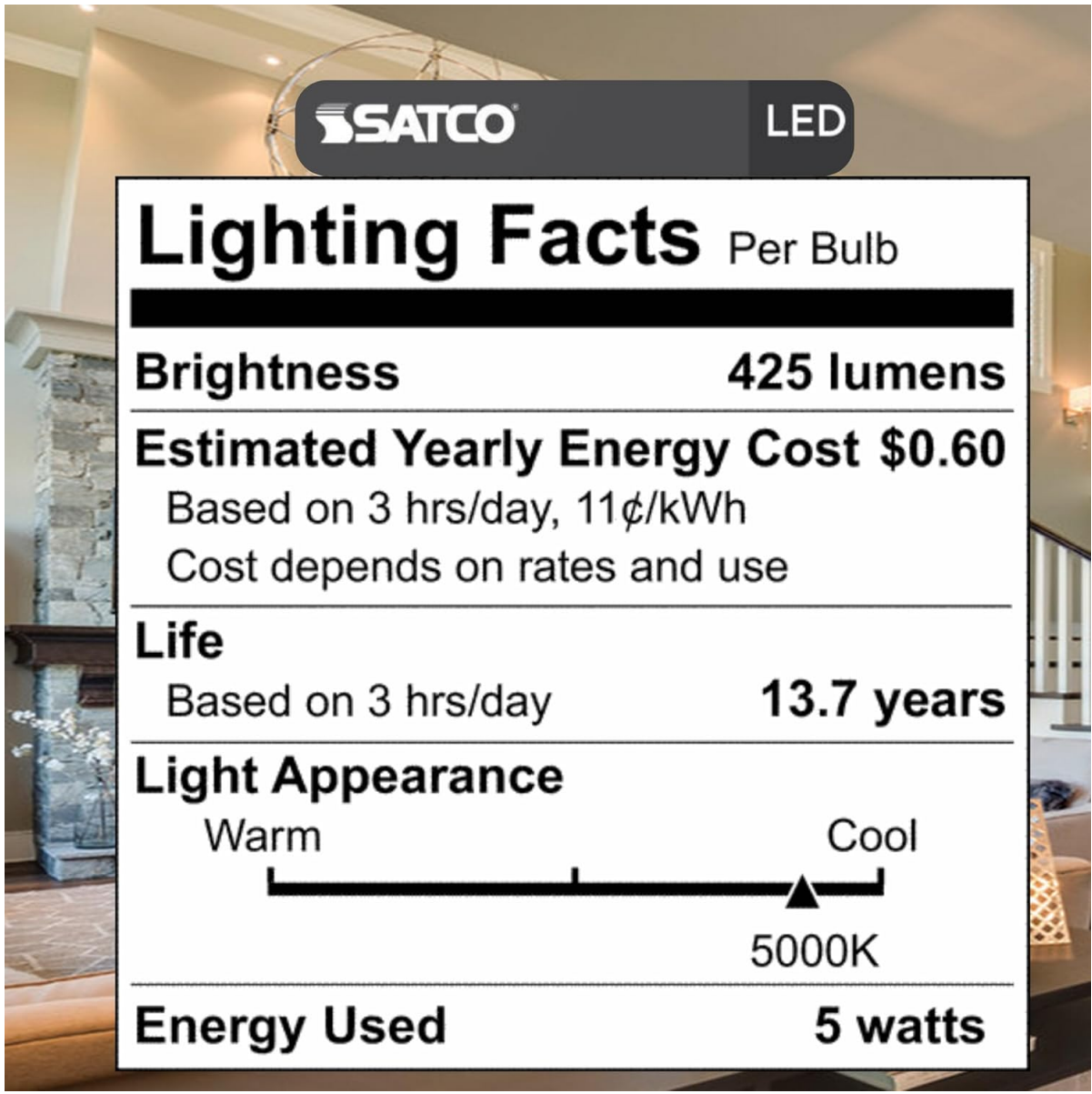


Image: Lighting Facts label detailing brightness, estimated yearly energy cost, life, light appearance (5000K), and energy used (5 watts).

WARRANTY AND SUPPORT

The Satco S12535 ST19 LED Light Bulb is backed by a **2-year manufacturer's warranty** from the date of purchase.

For warranty claims, technical assistance, or product support, please contact Satco customer service directly. Refer to the product packaging or the official Satco website for current contact information.

Website: www.satco.com