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Satco S11782

Satco S11782 5.8W R20 LED Reflector Bulb Instruction Manual

Model: S11782

INTRODUCTION

This manual provides instructions for the safe installation, operation, and maintenance of your Satco S11782 5.8W R20 LED Reflector Bulb. This energy-efficient LED bulb features CCT (Correlated Color Temperature) selectivity and a Dim-to-Warm function, offering versatile lighting options for various indoor applications. Please read this manual thoroughly before use and retain it for future reference.



Image: Satco S11782 5.8W R20 LED Reflector Bulb, showing its design, wattage, lumens, and estimated energy cost.

SAFETY INFORMATION

- Read all instructions before installation.
- Turn off power at the circuit breaker before inspecting, installing, or removing the bulb.
- Do not use with standard dimmers unless specified as compatible. Ensure your dimmer is LED-compatible.
- Suitable for damp locations. Do not expose to direct water spray.
- Not for use in totally enclosed fixtures, as this may shorten the bulb's lifespan.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Avoid looking directly at the operating LED light source.

PRODUCT FEATURES

The Satco S11782 LED Reflector Bulb is designed for versatility and energy efficiency, offering a range of features to enhance your lighting experience:

- **CCT Selectable:** Choose from five color temperatures (2700K, 3000K, 3500K, 4000K, 5000K) to match your preference or application.

- **Dim-to-Warm:** Experience a smooth transition from 3000K (Soft White) to 2000K (Amber) as the light dims, replicating the warm glow of traditional incandescent bulbs.
- **High Brightness:** Delivers 525 lumens of light output.
- **Energy Efficient:** Consumes only 5.8 watts, equivalent to a 50-watt incandescent bulb.
- **Long Lifespan:** Rated for 25,000 hours of functional life, reducing the need for frequent replacements.
- **High Color Rendering Index (CRI):** A CRI of 90 ensures vibrant and accurate color representation.
- **Damp Location Rated:** Suitable for use in areas with moderate moisture.
- **Standard Base:** Features an E26 medium screw base for easy installation in most fixtures.



Image: Visual representation of key features including Dim-to-Warm, damp location suitability, 90 CRI, CCT selectable, dimmable, and 25,000 hours lifespan.

SETUP AND INSTALLATION

1. **Turn off Power:** Before beginning installation, ensure the power to the fixture is completely OFF at the circuit breaker or fuse box.
2. **Select CCT:** Locate the CCT selectable switch on the side of the bulb. Before screwing the bulb into the fixture, slide the switch to select your desired color temperature:
 - **2700K:** Warm White
 - **3000K:** Soft White
 - **3500K:** Neutral White
 - **4000K:** Cool White
 - **5000K:** Natural Light
3. **Install Bulb:** Carefully screw the Satco S11782 LED Reflector Bulb into a compatible E26 medium base fixture until it is snug. Do not overtighten.
4. **Restore Power:** Once the bulb is securely installed, restore power to the fixture at the circuit breaker.



Image: Close-up view of the Satco S11782 bulb, highlighting the CCT selectable switch with options from 2700K to 5000K and the D2W (Dim-to-Warm) indicator.

OPERATING INSTRUCTIONS

CCT Selection

The Correlated Color Temperature (CCT) of the bulb is selected using the switch located on the side of the bulb. This switch must be set **before** the bulb is installed into the fixture. Choose from five distinct color temperatures to create the desired ambiance for your space. Once installed, the CCT setting cannot be changed without removing the bulb.

Dim-to-Warm Function

This bulb features a Dim-to-Warm capability. When connected to a compatible LED dimmer, the light's color temperature will gradually shift from 3000K (Soft White) to a warmer 2000K (Amber) as the brightness is reduced. This feature provides a comfortable and inviting atmosphere, similar to traditional incandescent dimming.



Image: Illustration demonstrating the smooth dimmability feature of the Satco S11782 LED bulb, showing 97% dimming level.

MAINTENANCE

The Satco S11782 LED Reflector Bulb requires minimal maintenance. Follow these guidelines:

- **Cleaning:** Ensure the power is off before cleaning. Use a soft, dry cloth to wipe the bulb. Do not use liquid or abrasive cleaners, as they may damage the bulb's finish or internal components.
- **No User-Serviceable Parts:** This LED bulb contains no user-serviceable parts. Any attempt to open or modify the bulb will void the warranty and may pose a safety risk.

TROUBLESHOOTING

If you encounter issues with your Satco S11782 LED Reflector Bulb, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light	No power to the fixture; Bulb not screwed in correctly; Faulty bulb.	Check power supply at the circuit breaker. Ensure the bulb is securely screwed into the socket. Test with a known working bulb. Replace if faulty.
Bulb flickers	Incompatible dimmer; Loose connection.	Ensure your dimmer is specifically designed for LED bulbs. Tighten the bulb in the socket. If flickering persists, try the bulb in a non-dimmable fixture.
Incorrect CCT (Color Temperature)	CCT switch set incorrectly.	Turn off power, remove the bulb, and adjust the CCT switch to the desired setting before re-installing.
Dimming not working or inconsistent	Incompatible dimmer; Dimmer settings.	Verify that your dimmer is an LED-compatible dimmer. Some LED dimmers have adjustable settings for minimum/maximum dimming levels. Consult your dimmer's manual.

SPECIFICATIONS

Detailed technical specifications for the Satco S11782 5.8W R20 LED Reflector Bulb:

Specification	Value
Model Number	S11782
Wattage	5.8 Watts

Specification	Value
Incandescent Equivalent	50 Watts
Input Voltage	120 Volts, 60 Hz
Lumens	525 Lumens
CCT Selectable	2700K / 3000K / 3500K / 4000K / 5000K
Dimming	Triac Dimmable Down to 10%
Dim-to-Warm (D2W)	3000K (Soft White) down to 2000K (Amber)
Bulb Shape Size	R20 Reflector
Efficacy	90 LPW
Color Rendering Index (CRI)	90
Beam Angle	120°
Functional Life	25,000 Hours
Location Rating	Damp
Operating Temperature	-20°C (-4°F) to +40°C (+104°F)
Base Type	E26 Medium
Construction Material	Plastic, Copper
Maximum Overall Length (MOL)	3.86 inches (98.044 mm)
Maximum Overall Diameter (MOD)	2.48 inches (62.992 mm)
Unit Count	12.0 Count
Item Weight	16 ounces (for 12 bulbs)

SATCO®
5.8W R20 REFLECTOR
 Dim to Warm | CCT Selectable
S11782

LED
S11782

S11782

Lighting Facts Per Bulb

Brightness	525 lumens
Estimated Yearly Energy Cost	\$0.70
Based on 3 hrs/day, 11¢/kWh. Cost depends on rates and use	
Life	22.8 years
Based on 3 hrs/day	
Light Appearance	
Energy Used	5.8 watts

APPLICATIONS:
 Living Rooms
 Dining Rooms
 Restaurants
 Hotels
 Displays

525 lumens
Estimated Energy Cost \$0.70 per year

50W REPLACEMENT | **25,000 LIFE HOURS** | **120° BEAM ANGLE** | **E26 BASE**

WARM WHITE - 2700K
SOFT WHITE - 3000K
NEUTRAL WHITE - 3500K
COOL WHITE - 4000K
NATURAL LIGHT - 5000K

DIM-TO-WARM | **DAMP LOCATION** | **CCT SELECTABLE** | **90 CRI** | **DIMMABLE** | **25,000 HOURS**

Dims down to a warm glow, similar to incandescent

Image: Lighting Facts label for the Satco S11782 bulb, detailing brightness, estimated yearly energy cost, life expectancy, light appearance (2700K-5000K), and energy used.



Image: Diagram showing the dimensions of the Satco S11782 LED bulb, with a maximum overall length (MOL) of 3.86 inches and a maximum overall diameter (MOD) of 2.48 inches.

WARRANTY AND SUPPORT

The Satco S11782 LED Reflector Bulb is designed for long-lasting performance, with an estimated functional life of 25,000 hours. Based on typical usage, the light source operating life is approximately 2 years.

For technical assistance, warranty claims, or any questions regarding your Satco product, please contact Satco customer service. Refer to your purchase documentation or the official Satco website for specific contact information and detailed warranty terms.