

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Satco](#) /
- › [Satco S1957 20 Watt MR16 Halogen Light Bulb User Manual](#)

Satco S1957

Satco S1957 20 Watt MR16 Halogen Light Bulb User Manual

BRAND: SATCO

Model: S1957

Product Overview

Halogen lamps deliver a crisp, white light. The quantity of light is greater than a standard incandescent of comparable wattage, and the quality of light creates a higher contrast for reading and other tasks, making halogen suitable for display, accent, and general lighting. Standard incandescent lamps and halogen lamps both use tungsten filaments. However, the filament in the standard lamp evaporates over time, causing it to weaken and eventually break. The gases inside halogen lamps allow the evaporated tungsten to find its way back to the filament and redeposit, ensuring a long life of 2,000 hours or more. This Satco S1957 MR16 Halogen bulb is dimmable and can be used with conventional incandescent dimmers.



Image: Satco S1957 20 Watt MR16 Halogen GX5.3 Base 12 Volt Clear NSP 9 Beam Pattern Light Bulb. This image shows the compact MR16 form factor with its two-pin GX5.3 base, designed for directional lighting applications.

Setup and Installation

Before installing the Satco S1957 MR16 Halogen bulb, ensure the power to the fixture is turned off at the circuit breaker to prevent electrical shock. Allow any existing bulb to cool completely before removal.

1. **Power Off:** Locate the light fixture's power switch and turn it off. For added safety, turn off the corresponding circuit breaker.
2. **Remove Old Bulb (if applicable):** If replacing an existing bulb, gently pull the old MR16 bulb straight out from its socket. Avoid twisting.
3. **Handle with Care:** When handling the new Satco S1957 bulb, avoid touching the glass envelope directly with bare hands. Oils from your skin can create hot spots on the bulb surface, leading to premature failure. Use a clean cloth or gloves.
4. **Insert New Bulb:** Align the two pins of the GX5.3 base with the corresponding holes in the fixture's socket. Gently push the bulb straight into the socket until it is firmly seated. Do not force the bulb.

5. **Restore Power:** Once the bulb is securely installed, turn the circuit breaker back on, then turn on the light fixture's power switch.

Ensure the fixture is rated for 12 Volts and the appropriate wattage (20 Watts) to prevent damage to the bulb or fixture.

Operating Instructions

The Satco S1957 MR16 Halogen bulb is designed for simple operation within compatible 12-volt fixtures.

- **Standard Operation:** Turn on the light fixture's switch to illuminate the bulb.
- **Dimmable Feature:** This bulb is fully dimmable. If your fixture is connected to a compatible incandescent dimmer switch, you can adjust the light output from 0% to 100% brightness. Ensure the dimmer is rated for halogen or incandescent loads.
- **Beam Pattern:** The bulb features a Narrow Spot (NSP) 9-degree beam pattern, ideal for accent lighting, display lighting, or applications requiring a focused light beam.

Maintenance

Proper maintenance can help extend the life and performance of your Satco S1957 MR16 Halogen bulb.

- **Cleaning:** Before cleaning, always turn off the power to the fixture and allow the bulb to cool. If the glass surface becomes dirty or has fingerprints, gently wipe it with a clean, dry, lint-free cloth. Do not use liquid cleaners directly on the bulb.
- **Handling:** As mentioned in the setup, avoid touching the glass part of the bulb with bare hands. If accidental contact occurs, clean the bulb before operation.
- **Replacement:** When the bulb reaches the end of its life (average rated hours: 2000), replace it with another Satco S1957 or an equivalent MR16 GX5.3 12V 20W halogen bulb. Follow the installation steps carefully.

Troubleshooting

If you encounter issues with your Satco S1957 MR16 Halogen bulb, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light up.	<ul style="list-style-type: none">• No power to fixture.• Bulb not seated correctly.• Bulb has reached end of life.• Incorrect voltage or wattage.	<ul style="list-style-type: none">• Check power switch and circuit breaker.• Ensure bulb pins are fully inserted into the socket.• Replace the bulb.• Verify fixture requirements (12V, 20W).
Bulb is dim or flickers.	<ul style="list-style-type: none">• Loose connection.• Incompatible dimmer switch.• Voltage fluctuations.• Bulb nearing end of life.	<ul style="list-style-type: none">• Re-seat the bulb.• Ensure dimmer is compatible with incandescent/halogen bulbs.• Consult an electrician for voltage issues.• Replace the bulb.

Problem	Possible Cause	Solution
Bulb burns out quickly.	<ul style="list-style-type: none"> • Frequent on/off cycling. • Over-voltage. • Physical shock or vibration. • Fingerprints/oils on glass. 	<ul style="list-style-type: none"> • Minimize rapid switching. • Verify fixture voltage. • Ensure stable mounting and avoid impacts. • Clean bulb with a lint-free cloth if touched.
Light color appears off (e.g., orange/yellow).	<ul style="list-style-type: none"> • Bulb defect or specific design. • Voltage issues. 	<ul style="list-style-type: none"> • Ensure bulb is correct model (S1957 is clear). • Verify fixture voltage. • Contact Satco support if issue persists with new bulb.

Specifications

Key technical specifications for the Satco S1957 MR16 Halogen Light Bulb:

Feature	Detail
Model Number	S1957
Light Type	Halogen
Wattage	20 Watts
Voltage	12 Volts
Bulb Shape Size	MR16
Bulb Base	GX5.3
Beam Pattern	NSP 9 Degree
Light Color	Clear (White)
Color Temperature	2900 Kelvin
Brightness	180 Lumens
Average Life	2000 Hours
Special Feature	Dimmable
Material	Glass
Product Dimensions	2 x 2 x 1.88 inches
Item Weight	0.634 ounces
UPC	045923019579

Warranty and Support

For specific warranty information regarding your Satco S1957 MR16 Halogen Light Bulb, please refer to the packaging or contact Satco directly. Warranty terms and conditions may vary.

For further assistance, technical support, or to inquire about product details, please visit the official Satco website or contact their customer service department. You can often find contact information on the product packaging or through the brand's online presence.

A link to the Satco store on Amazon is available [here](#).

