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Satco 65-534

Satco 65-534 LED Medium Flood Light Instruction Manual

Model: 65-534 | Brand: Satco

1. INTRODUCTION

Thank you for choosing the Satco 65-534 LED Medium Flood Light. This manual provides essential information for the safe installation, operation, and maintenance of your new flood light. Please read these instructions thoroughly before installation and retain them for future reference.

The Satco 65-534 is designed for outdoor use, providing efficient and durable illumination for various applications such as patios, yards, garages, and parking lots. Its robust construction and LED technology ensure long-lasting performance.

Applications & Industries



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Residential & Home

From saving money by changing your bulbs to LED in the home to lighting fixtures in and around your home, Satco is a complete source for residential lighting needs.

From finding the perfect downlights and cove lighting to complement your kitchen renovation, to accenting your dining room or living rooms with fixtures from Satco's decorative line, NUVO, Satco has what you need to light your home.

In the garage and over the Dad's workbench, by the pool, and on the deck, your driveway entry posts and outdoor sconces, floodlights, and security lights are all available from Satco. Satco even carries the decorative bulbs you need to replace any outages in your Great Aunt's antique chandelier.

Image 1.1: Satco LED Medium Flood Light in an outdoor application.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or

servicing.

- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture's requirements (100-277V).
- Do not handle the fixture with wet hands or when standing on wet or damp surfaces.
- This fixture is rated for outdoor wet locations. Ensure all connections are properly sealed to prevent water ingress.
- Do not attempt to modify or disassemble the fixture. There are no user-serviceable parts inside.
- Keep flammable materials away from the fixture during operation.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation. If any parts are missing or damaged, contact your supplier.

- Satco 65-534 LED Medium Flood Light (Quantity as purchased, e.g., 8 units)
- Knuckle Mount Assembly
- Mounting Plate
- Instruction Manual (this document)



Image 3.1: Example of multiple Satco 65-534 LED Medium Flood Lights included in a package.

4. SPECIFICATIONS

Feature	Specification
Model Number	65-534
Power Consumption	30W
Color Temperature	3000K (Warm White)
Lumen Output	3404 Lumens
Beam Angle	110°
Input Voltage	100-277V
Operating Temperature	-20°C to 45°C
CRI	80+
Lifespan	50,000 hours
Finish	Bronze, UV stabilized powder coated
Material	Die-cast Aluminum Body
Mounting Type	Knuckle Mount (1/2 inch)
IP Rating	IP65 (Dust tight and protected against water jets)
Dimensions	9.19 x 7.09 x 1.91 inches (approximate)

LED Medium Flood Light

30W, 100-277V, 3000K

65/534

Features:

- Maintenance free—no bulb to change
- Consistent, even light distribution
- Die-cast aluminum body
- $\frac{1}{2}$ " Knuckle mount
- Mounting plate included
- UV stabilized powder coated finish
- Bronze finish
- Impact resistant lens
- Approved for wet locations
- IP65

Specifications

- 30W
- 3404 Lumens
- 3000K
- 110° Beam angle
- 100-277V
- Operating temperature -20° to 45°C
- CRI 80+
- 70-100 Watt MH Equivalent
- 50,000 hour life
- 5 Year warranty



Image 4.1: Product label detailing features and specifications.

5. INSTALLATION (SETUP)

Important: Ensure power is disconnected at the circuit breaker before beginning installation.

5.1 Pre-installation Checklist

- Verify that the installation location is suitable for outdoor wet-rated fixtures.
- Confirm that the electrical supply meets the fixture's voltage requirements (100-277V).
- Gather necessary tools: screwdriver, wire strippers, electrical tape, waterproof sealant (if required for conduit connections).

5.2 Mounting the Fixture

The Satco 65-534 features a 1/2-inch knuckle mount for versatile installation.

1. Attach the provided mounting plate to a sturdy surface (e.g., wall, pole, junction box) using appropriate hardware (not included). Ensure the mounting surface can support the weight of the fixture.
2. Thread the 1/2-inch knuckle mount of the flood light into the mounting plate or a compatible conduit fitting. Tighten securely.
3. Adjust the angle of the flood light to the desired position. Tighten the adjustment screws on the knuckle mount to secure the angle.



Image 5.1: Rear view of the flood light with knuckle mount.

5.3 Electrical Wiring

Follow these steps for electrical connections:

1. Identify the fixture's wires: Black (Line/Hot), White (Neutral), Green (Ground).
2. Connect the fixture's Black wire to the supply's Line/Hot wire.
3. Connect the fixture's White wire to the supply's Neutral wire.
4. Connect the fixture's Green wire to the supply's Ground wire.
5. Secure all connections with approved wire connectors and ensure they are properly insulated with

electrical tape or heat shrink tubing, especially for outdoor applications.

6. Ensure all wiring is contained within a weatherproof junction box or conduit system, sealed to prevent moisture entry.

6. OPERATION

Once installation and wiring are complete and verified, restore power at the circuit breaker. The Satco 65-534 LED Medium Flood Light will illuminate. This fixture is designed for direct power connection and does not include integrated controls such as motion sensors or dimming capabilities unless connected to external compatible devices.



Image 6.1: Front view of the LED flood light.

7. MAINTENANCE

The Satco 65-534 LED Medium Flood Light is designed for minimal maintenance due to its long-life LED technology and durable construction.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt, dust, or debris that may accumulate and affect light output. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.

- **Inspection:** Annually inspect the fixture for any signs of damage, loose connections, or wear. Pay attention to the mounting hardware and wiring. Address any issues promptly.
- **LEDs:** The LEDs are integrated and not user-replaceable. If the light fails, the entire fixture typically requires replacement.

8. TROUBLESHOOTING

If the flood light is not operating correctly, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Light does not turn on	No power supply	Check circuit breaker and wall switch. Ensure power is restored.
	Incorrect wiring	Disconnect power and verify all wire connections are secure and correct.
	Faulty fixture	If power and wiring are confirmed correct, the fixture may be faulty. Contact customer support.
Light flickers or dims	Unstable power supply	Consult an electrician to check the stability of your electrical circuit.
	Loose connection	Disconnect power and check all wire connections for tightness.
Reduced light output	Dirty lens	Clean the lens with a soft, damp cloth.
	Fixture nearing end of life	LEDs have a long lifespan, but output can gradually decrease over many years.

If troubleshooting steps do not resolve the issue, contact Satco customer support for further assistance.

9. WARRANTY AND SUPPORT

The Satco 65-534 LED Medium Flood Light comes with a **5-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use and service. This warranty does not cover damage caused by improper installation, misuse, abuse, accidents, or unauthorized modifications.

For warranty claims or technical support, please contact Satco customer service. You may be required to provide proof of purchase and the product model number (65-534).

For more information, visit the official Satco website: www.satco.com

Related Documents - 65-534

	<p>Satco Nuvo LED Back Lit Flat Panel Fixtures Installation and Safety Instructions</p> <p>Comprehensive installation and safety instructions for Satco Nuvo LED Back Lit Flat Panel Fixtures, including models 65/571, 65/572, 65/573, 65/581, and 65/582. Covers recessed and suspension mounting.</p>
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	<p><u>Omni-Directional LED T8 Tubes Installation and Safety Instructions SATCO</u></p> <p>Comprehensive installation and safety guide for SATCO Omni-Directional LED T8 Tubes (Models S16430-S16443). Learn how to safely retrofit existing fluorescent fixtures with these energy-efficient LED tubes, including wiring diagrams and important warnings.</p>
	<p><u>SATCO Starfish Smart Lighting User Guide: Setup, Features, and Voice Control</u></p> <p>Comprehensive user guide for the SATCO Starfish app, covering setup, device pairing, features like color changing and scheduling, and integration with Alexa, Google Home, and SmartThings. Learn to control your smart lighting easily.</p>
	<p><u>Satco Starfish WiFi Smart Indoor/Outdoor String Lights Model S11272 Installation and Safety Instructions</u></p> <p>Comprehensive installation and safety guide for the Satco Starfish WiFi Smart Indoor/Outdoor String Lights (Model S11272). Covers warnings, contents, step-by-step setup, and app connection.</p>
	<p><u>Starfish WiFi Smart 16' Outdoor Strip Light Installation and Safety Instructions (Model S11265)</u></p> <p>Get detailed installation and safety instructions for the Satco Nuvo Starfish WiFi Smart 16-foot outdoor LED strip light (Model S11265). Learn about electrical safety, proper mounting, and app connection.</p>
	<p><u>Satco Starfish Wi-Fi Smart LED Bulb User Guide and Integration</u></p> <p>Comprehensive guide to setting up, controlling, and integrating Satco Starfish Wi-Fi smart LED bulbs with the Starfish app, Alexa, Google Home, and SmartThings. Includes features like dimming, color changing, scheduling, and automation.</p>