

LEDVANCE 66479

Sylvania 23W Hardwired LED Security Light with Motion Sensor (Model 66479)

Instruction Manual

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1. INTRODUCTION

This manual provides instructions for the Sylvania 23W Hardwired LED Security Light with Motion Sensor, Model 66479. This outdoor fixture provides 3500 lumens of 5000K daylight illumination, designed for security and general lighting in areas such as driveways, entryways, and garages. Please read these instructions carefully before installation and use to ensure proper function and safety.

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 or person familiar with the construction and operation of the product and the hazards involved.
- Ensure the supply voltage is correct (120 Volts AC).
- Do not install near combustible materials.
- This fixture is suitable for wet locations. Ensure all connections are properly sealed to prevent water intrusion.
- Wear safety glasses and gloves during installation.
- Do not look directly into the LED light source when illuminated.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Sylvania 23W Motion Sensor Security Flood Light
- 1 x Mounting Plate
- 4 x Anchors

- 4 x Mounting Screws
- Wire Nuts
- Gasket



Image: Contents of the Sylvania 23W Motion Sensor Security Flood Light package, showing the light fixture, mounting plate, four anchors, and four mounting screws.

4. PRODUCT OVERVIEW

The Sylvania 23W LED Security Light is designed for outdoor use, featuring a durable plastic construction and a black finish. It includes two adjustable LED light heads and an integrated motion sensor for enhanced security and energy efficiency.

- **Powerful Brightness:** Delivers 3500 lumens of 5000K daylight illumination.
- **Weather-Resistant:** Wet rated for reliable outdoor use in various weather conditions.
- **Hardwired Installation:** Designed for secure and permanent electrical connection.
- **Energy Efficient:** Consumes 23 watts, offering long-term cost savings.
- **Long-Lasting Performance:** LEDs are rated for up to 50,000 hours of operation.



Image: Front view of the Sylvania 23W LED Security Light, showing the two adjustable light heads and the motion sensor below.



Image: Side view of the Sylvania 23W LED Security Light, illustrating the adjustable light heads and motion sensor from an angle.



Image: Back view of the Sylvania 23W LED Security Light, showing the mounting area and adjustment dials for the motion sensor.



Image: The Sylvania 23W LED Security Light installed above a garage entrance, demonstrating its illumination capabilities at night.

5. SETUP & INSTALLATION

This section provides step-by-step instructions for installing your Sylvania LED Security Light. Ensure power is disconnected before starting.

5.1 Pre-Installation Steps

1. **Turn Off Power:** Locate your circuit breaker box and turn off the power to the area where you will install the light. Verify power is off using a voltage tester.
2. **Prepare Mounting Bracket:** Secure the mounting bracket to your junction box using the provided screws.
3. **Prepare Gasket:** Punch a hole through the center of the gasket to allow the mounting screw to pass through.



Image: Close-up of the hardwired setup for the Sylvania 23W LED Security Light, highlighting the simple installation process.

5.2 Wiring the Fixture

4. **Feed Wires:** Feed the wires from the light fixture through the prepared gasket.
5. **Connect Wires:** Using the provided wire nuts, connect the wires from the fixture to the wires from your junction box. Connect black to black (live), white to white (neutral), and the ground wire (usually green or bare copper) to the house ground wire. Ensure connections are secure.
6. **Secure Connections:** For added security, apply electrical tape around the wire nut connections.
7. **Tuck Wires:** Carefully tuck all connected wires back into the junction box.

5.3 Mounting the Fixture

8. **Position Gasket:** Remove the adhesive tape from the gasket and press it into place against the mounting bracket, ensuring a tight seal.
9. **Mount Light:** Align the mounting screw hole on the fixture with the mounting screw on the bracket. Push the fixture into place.

10. **Tighten Fixture:** Secure the fixture to the bracket by tightening the mounting screw.

11. **Restore Power:** Turn the power back on at the circuit breaker.

5.4 Installation Video Guide

For a visual guide on the installation process, please watch the official video below:

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Video: Quick and Easy Security Light Installation. This video demonstrates the step-by-step process of installing the Sylvania Hardwired Outdoor Security Light.

6. OPERATING INSTRUCTIONS

Your Sylvania LED Security Light features an integrated motion sensor and adjustable light heads for optimal performance.

6.1 Motion Sensor Adjustment

The motion sensor has dials located underneath it to adjust sensitivity and timer settings. Adjust these dials to your desired detection range and illumination duration.

- **Sensitivity:** Controls the detection range of the motion sensor. Turn the dial to increase or decrease the range.
- **Timer:** Sets how long the light remains on after motion is detected. Adjust the dial for shorter or longer illumination periods.



Image: The Sylvania 23W LED Security Light with its built-in motion sensor, illustrating its function to detect movement for added safety and energy savings.

6.2 Light Head Positioning

The two LED light heads can be independently adjusted to direct illumination to specific areas, maximizing coverage and effectiveness.

- Gently pivot each light head to aim the light beam as needed.
- Ensure the light heads are securely positioned after adjustment.

7. MAINTENANCE

The Sylvania LED Security Light is designed for low maintenance. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.
- **LEDs:** The integrated LED light source is not user-replaceable. If the LEDs fail, the entire fixture must be replaced.

8. TROUBLESHOOTING

If you experience issues with your Sylvania LED Security Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty wiring, motion sensor settings.	Check circuit breaker. Verify wiring connections. Adjust motion sensor sensitivity and timer.
Light stays on constantly.	Motion sensor sensitivity too high, continuous motion in detection zone.	Reduce motion sensor sensitivity. Ensure no constant movement in the detection area.
Motion sensor not detecting.	Sensitivity too low, obstruction, incorrect angle.	Increase motion sensor sensitivity. Clear any obstructions. Adjust sensor angle.
Light flickers.	Loose wiring connection.	Turn off power and check all wiring connections for tightness.

If these steps do not resolve the issue, contact customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	LEDVANCE (Sylvania)
Model Number	66479
Style	23W Motion Sensor
Power Source	Corded Electric
Voltage	120 Volts
Wattage	23 watts
Brightness	3500 Lumens
Color Temperature	5000 Kelvin (Daylight)

Feature	Detail
Light Source Type	LED
Material	Plastic
Color	Black
Product Dimensions	13.7"L x 6.5"W x 5.4"H
Item Weight	1.01 Pounds
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	Water Resistant (Wet Rated)
Special Features	Anti-Rust, Energy Efficient, Motion Sensor, Shock Resistant, Waterproof
Control Method	Motion Sensor
Installation Type	Wall Mount
Life Hours	Up to 50,000 hours

9.1 Color Temperature Guide

Understanding color temperature can help you choose the right lighting for your needs. The Sylvania 23W LED Security Light provides 5000K Daylight, which is a cool white light.

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Video: Color Temperature Guide (CCT). This video explains different color temperatures (Kelvin) and their visual effects, from warm white to daylight.

10. WARRANTY & SUPPORT

The Sylvania 23W Hardwired LED Security Light is backed by a **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or further inquiries, please visit the official LEDVANCE store or contact customer service:

- **Online Support:** [Visit the LEDVANCE Store on Amazon](#)
- Refer to the product packaging for additional contact information.

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