

SYLVANIA 60183

SYLVANIA LED 5W Bullet Floodlight Instruction Manual

Model: 60183

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1. INTRODUCTION

Thank you for choosing the SYLVANIA LED 5W Bullet Floodlight. This product is designed to provide efficient and reliable illumination for various outdoor applications, including landscape lighting, wall washing, facade lighting, sign illumination, and general outdoor lighting. This manual provides essential information for the safe installation, operation, and maintenance of your floodlight. Please read these instructions thoroughly before installation and retain them for future reference.

2. IMPORTANT SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power 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 (120-277V).
- Do not install near combustible materials or in areas with explosive atmospheres.
- This fixture is rated for wet locations. Ensure all connections are properly sealed to prevent water ingress.
- Do not look directly into the LED light source when illuminated.
- Do not attempt to modify or repair the fixture. Refer all servicing to qualified personnel.
- Ensure the fixture is securely mounted to prevent it from falling.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- SYLVANIA LED 5W Bullet Floodlight (1 unit)
- Integrated Knuckle Mount
- Instruction Manual

4. PRODUCT OVERVIEW

The SYLVANIA LED 5W Bullet Floodlight features a durable bronze painted aluminum housing and an integrated knuckle for adjustable positioning. It is designed for robust outdoor performance.



Figure 4.1: SYLVANIA LED 5W Bullet Floodlight, showing the main body, integrated knuckle, and electrical wiring.



Figure 4.2: Front view of the floodlight, highlighting the multi-LED array for efficient light distribution.



Figure 4.3: Side view of the floodlight, displaying the product label with model information and the adjustable knuckle joint.



Figure 4.4: Dimensional drawing of the floodlight, indicating a length of 6.00 inches and a height of 2.50 inches.

5. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	60183
Brand	SYLVANIA (LEDVANCE)
Light Type	LED
Wattage	5 watts
Voltage	120-277 Volts
Brightness	550 Lumens
Color Temperature	4000 Kelvin (Bright White)
Color Rendering Index (CRI)	80
Average Life	150,000 Hours

Feature	Specification
Material	Aluminum
Finish	Bronze Painted Finish
Mounting Type	Wall (via integrated knuckle)
Item Weight	14.9 ounces
Dimensions (L x W x H)	6.38 x 3.46 x 2.91 inches (approximate package dimensions)
Special Feature	Lightweight
Certifications	cULus listed to UL1598C, DLC Premium listed
Environmental Rating	Rated for wet locations

The 4000 Kelvin color temperature provides a bright white light, suitable for enhancing visibility and security in outdoor settings.

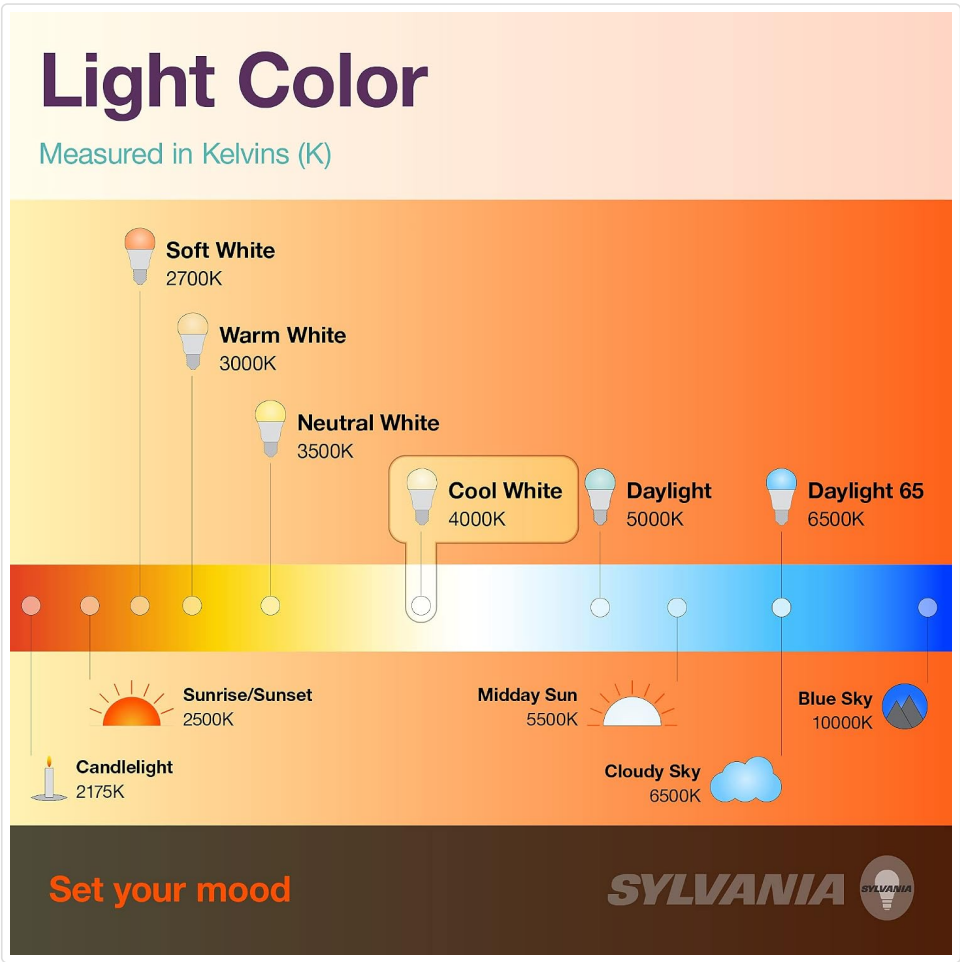


Figure 5.1: Light Color Chart. The 4000K Bright White output of this floodlight is highlighted.

6. INSTALLATION INSTRUCTIONS

WARNING: Ensure power is disconnected at the circuit breaker before starting installation.

1. **Prepare the Installation Site:** Choose a suitable mounting location. The fixture is rated for wet locations, but ensure it is mounted on a stable surface capable of supporting its weight.

2. **Mount the Fixture:** Secure the integrated knuckle mount to a junction box or appropriate mounting surface using suitable hardware (not included). Ensure the mount is firm and stable.

3. **Wire the Fixture:**

- Connect the **black** wire from the fixture to the **live/hot** wire from the power supply.
- Connect the **white** wire from the fixture to the **neutral** wire from the power supply.
- Connect the **green** wire from the fixture to the **ground** wire from the power supply.

Use appropriate UL-listed wire connectors and ensure all connections are secure and properly insulated, especially for wet location applications.

4. **Seal Connections:** For outdoor and wet location installations, use silicone sealant or weatherproof tape around the junction box and any exposed wiring connections to prevent water intrusion.

5. **Adjust Aim:** Once securely mounted and wired, adjust the angle of the floodlight using the integrated knuckle to direct light as desired. Tighten the knuckle screw to lock the position.

6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

Application Examples:



Figure 6.1: Example of floodlights illuminating the facade of a residential building at night, enhancing architectural features and security.



Figure 6.2: Example of a floodlight used for landscape accent lighting, highlighting a tree in a garden setting.

7. OPERATION

The SYLVANIA LED 5W Bullet Floodlight operates by direct connection to a 120-277V AC power source. Once properly installed and wired, the floodlight will illuminate when power is supplied to the circuit. Control of the light (on/off) is typically managed by an external switch, timer, or photocell connected to the power circuit.

8. MAINTENANCE

WARNING: Disconnect power before performing any maintenance.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents, as these may damage the finish or lens.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Ensure the mounting is secure and the knuckle adjustment screw is tight.
- **LEDs:** The LED light source is integrated and not user-replaceable. The fixture is designed for a long operational life.

9. TROUBLESHOOTING

If the floodlight does not operate as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on	No power to the fixture	Check circuit breaker, wall switch, or any connected timer/photocell. Ensure all wiring connections are secure.
Light flickers	Loose wiring connection or unstable power supply	Disconnect power and check all wiring connections. Consult a qualified electrician if the issue persists.

Problem	Possible Cause	Solution
Reduced light output	Dirty lens	Clean the lens with a soft, damp cloth.
Water inside fixture	Improper sealing during installation	Disconnect power immediately. Inspect all seals and connections. Re-seal as necessary or replace the fixture if damaged.

If you encounter issues not listed here or if the problem persists after attempting the suggested solutions, please contact SYLVANIA customer support.

10. WARRANTY AND SUPPORT

This SYLVANIA LED 5W Bullet Floodlight is backed by a **5-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. For warranty claims or technical support, please contact SYLVANIA customer service with your proof of purchase and product model number (60183).

For further assistance or to locate authorized service centers, please visit the official SYLVANIA website or contact their customer support line.