

Lights of America 9166

Lights of America 9166 65W Fluorex Yard Light Instruction Manual

Model: 9166

PRODUCT OVERVIEW

The Lights of America Model 9166 is a 65W Fluorex Yard Light designed for outdoor security lighting. This unit features a durable, waterproof Lexan housing and incorporates a dusk-to-dawn sensor for automatic operation. It provides instant-on and instant-restrike capabilities, ensuring reliable illumination when needed.

Key features include:

- 65-watt fluorescent lighting for energy-efficient illumination.
- Integrated dusk-to-dawn sensor for automatic activation and deactivation.
- Instant start and instant restrike functionality.
- Waterproof Lexan housing for enhanced durability in outdoor environments.
- Designed for hardwire installation (Black & White).

SAFETY INFORMATION

WARNING: Risk of electric shock. Installation requires knowledge of electrical wiring systems. If not qualified, do not attempt installation. Contact a qualified electrician.

- Always disconnect power at the circuit breaker or fuse box before installation, servicing, or changing the bulb.
- Ensure all electrical connections comply with local codes and ordinances, as well as the National Electrical Code (NEC).
- Do not install this fixture on surfaces that are easily flammable.
- Wear safety glasses and gloves during installation.
- This fixture is designed for outdoor use and is waterproof; however, ensure all seals and gaskets are properly seated during installation to maintain its integrity.

PACKAGE CONTENTS

Verify that all components are present before beginning installation. If any parts are missing or damaged, do not proceed with installation and contact customer support.

- Lights of America 9166 65W Fluorex Yard Light fixture
- Mounting hardware (screws, wire nuts)
- Instruction Manual (this document)
- (Bulb may be pre-installed or included separately)

SETUP AND INSTALLATION

This fixture is designed for wall mount or flush mount installation and requires hardwiring. Professional installation is recommended.

Tools Required (Not Included):

- Screwdriver (Phillips and/or flathead)
- Wire strippers
- Pliers
- Electrical tape
- Drill (if mounting holes are not pre-existing)
- Voltage tester

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker or fuse box controlling the power to the installation area. Turn off the power completely. Verify power is off using a voltage tester.
2. **Prepare Mounting Surface:** Choose a suitable wall or flush mount location. Ensure the surface is structurally sound to support the fixture. If replacing an existing fixture, carefully remove it.
3. **Mount the Fixture:**



Image: The Lights of America 9166 Fluorex Yard Light, brown in color, shown mounted on an exterior wall. The fixture has a rectangular base and a curved, translucent cover over the bulb.

Align the fixture's mounting plate with the electrical junction box or desired mounting location. Secure the fixture to the surface using the provided mounting screws. Ensure a tight and stable fit.

4. **Electrical Connections:**

- Connect the **black** wire from the fixture to the **black** (hot) wire from the power supply.
- Connect the **white** wire from the fixture to the **white** (neutral) wire from the power supply.
- Connect the **ground** wire (bare copper or green) from the fixture to the house ground wire.

Secure all connections with wire nuts and wrap with electrical tape for added insulation and security. Carefully tuck all wires into the junction box.

5. **Secure Housing:** Ensure the fixture's housing is properly closed and sealed to maintain its waterproof integrity.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

OPERATING INSTRUCTIONS

The Lights of America 9166 Fluorex Yard Light is designed for automatic operation via its integrated dusk-to-dawn sensor.

- **Automatic Operation:** The fixture will automatically turn on when ambient light levels fall below a

certain threshold (dusk) and turn off when light levels rise (dawn).

- **Instant On/Restrike:** The fluorescent bulb is designed for instant illumination upon activation and quick restrike if power is momentarily interrupted.
- **Remote Control (if applicable):** While the product specifications mention a "Remote" control method, no specific remote is included or detailed in the product information. If your specific unit came with a remote, refer to its separate instructions for pairing and operation. Otherwise, the primary operation is automatic via the dusk-to-dawn sensor.

Ensure the dusk-to-dawn sensor is not obstructed by objects, eaves, or other light sources (like other security lights) that could interfere with its proper function.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your yard light.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Avoid abrasive cleaners. Ensure the dusk-to-dawn sensor lens is clean for accurate operation.
- **Insect Management:** Due to the nature of outdoor lighting, insects, including spiders, may attempt to build nests inside the housing. While the housing is waterproof, insect activity can sometimes interfere with internal components. Periodically inspect the fixture and carefully remove any insect nests or debris. Ensure the housing is properly sealed after inspection.
- **Bulb Replacement:**
 - **Always turn off power** at the circuit breaker before attempting to replace the bulb.
 - Carefully open the fixture housing.
 - Allow the old bulb to cool if it has been recently in use.
 - Remove the old 65W fluorescent bulb and replace it with a new 65W fluorescent bulb of the same type.
 - Close the housing securely, ensuring all seals are properly seated to maintain waterproof integrity.
 - Restore power.

TROUBLESHOOTING

If your Lights of America 9166 Fluorex Yard Light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at dusk.	• Power is off. • Dusk-to-dawn sensor is obstructed or receiving too much light. • Faulty bulb. • Loose wiring connection.	• Check circuit breaker/fuse. • Clear any obstructions from the sensor. Relocate if necessary to avoid interference from other light sources. • Replace the 65W fluorescent bulb. • Turn off power and check all wiring connections. Tighten if loose.

Problem	Possible Cause	Solution
Light stays on during the day.	• Dusk-to-dawn sensor is obstructed or faulty. • Wiring issue (e.g., photocell bypassed).	• Clear any obstructions from the sensor. Clean the sensor lens. • Turn off power and inspect wiring. Ensure the photocell is correctly integrated.
Light flickers or cycles on/off rapidly.	• Fluorescent bulb nearing end of life. • Loose bulb connection. • Fluctuating power supply. • Internal circuit board issue (often due to moisture/insects).	• Replace the 65W fluorescent bulb. • Turn off power and ensure bulb is seated firmly. • Consult an electrician to check power supply. • Turn off power. Inspect the circuit board for signs of damage or corrosion. If damaged, replacement may be necessary (contact a qualified technician).
Light is dim.	• Dirty lens or bulb. • Incorrect bulb wattage. • Aging bulb.	• Clean the fixture lens and bulb. • Ensure a 65W fluorescent bulb is installed. • Replace the bulb.

SPECIFICATIONS

Brand	Lights of America
Model Number	9166
Manufacturer Part Number	9166-2
Light Source	Fluorescent
Wattage	65 watts
Voltage	110 volts
Color Temperature	6500 Kelvin
Control Method	Remote (Dusk-to-Dawn sensor integrated)
Power Source	Hard wire (Black & White)
Mounting Type	Wall Mount, Flush Mount
Water Resistance Level	Waterproof
Housing Material	Lexan
Color	Brown
UPC	755277916607

WARRANTY AND SUPPORT

Warranty Information: The manufacturer's warranty for this product is discontinued. Please be aware of this status when purchasing or seeking support.

For any technical inquiries or assistance, please contact Lights of America customer support. While the warranty is discontinued, they may still be able to provide guidance or resources for common issues.

Note: Information regarding specific contact methods (phone, email, website) for Lights of America is not available in the provided product data. Please refer to the product packaging or official Lights of America website for current support contact details.