

## Defiant MST18920LWDF

# Defiant 180 Degree Outdoor Motion Activated White LED Security Floodlight User Manual

Model: MST18920LWDF

## INTRODUCTION

Thank you for purchasing the Defiant 180 Degree Outdoor Motion Activated White LED Security Floodlight. This product is designed to provide dependable security lighting for your outdoor spaces. It features a wide detection range and an integrated dusk-to-dawn sensor for efficient operation.



*Image: The Defiant LED Security Floodlight shown in its retail packaging, highlighting its 180-degree motion detection and LED features.*

## SAFETY INFORMATION

Please read and understand all instructions before attempting to assemble, operate, or install the product. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause injury or property damage.

- Always disconnect power at the fuse or circuit breaker before installation or servicing.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not install this fixture with wet hands or while standing on wet or damp surfaces.
- This product is designed for outdoor use and is weather resistant. Ensure all connections are sealed properly to prevent water intrusion.
- Do not look directly into the LED light source when illuminated.

## PACKAGE CONTENTS

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Verify that all parts listed below are included in your package:

- LED Security Floodlight Fixture
- Mounting Hardware (screws, wire nuts)
- Instruction Manual

## SETUP AND INSTALLATION

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Follow these steps for proper installation of your floodlight:

1. **Turn Off Power:** Before beginning installation, ensure the power to the installation location is turned off at the circuit breaker or fuse box.
2. **Prepare Mounting Surface:** Select a suitable outdoor wall or eave location. The fixture should be mounted at a height of 8-10 feet for optimal motion detection.
3. **Mounting Bracket Installation:** Secure the mounting bracket to the junction box using the provided screws.
4. **Wiring Connections:** Connect the fixture wires to your household wiring.
  - Connect the black fixture wire to the black (hot) supply wire.
  - Connect the white fixture wire to the white (neutral) supply wire.
  - Connect the green or bare copper fixture wire to the green or bare copper (ground) supply wire.

Secure all connections with wire nuts.

5. **Attach Fixture:** Carefully push the wires into the junction box and attach the floodlight fixture to the mounting bracket, ensuring a secure fit.
6. **Adjust Light Heads:** Loosen the screws on the light heads to adjust their direction as needed, then tighten the screws to secure them.
7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



*Image: A diagram illustrating the dimensions of the floodlight, including its length, width, and height, which are approximately 5 inches L x 5.8 inches W x 9.3 inches H.*

## OPERATING INSTRUCTIONS

Your Defiant floodlight features motion activation and a dusk-to-dawn sensor for automated operation.

## Motion Sensor Operation

The 180-degree motion sensor detects movement within a 70 ft. range. When motion is detected, the light will activate. The duration the light stays on can typically be adjusted via a control dial on the sensor (refer to the physical product for exact dial location and settings).



*Image: The Defiant LED Security Floodlight with an overlay indicating its motion activation capability, showing a person icon and a motion sensor symbol.*

## Dusk-to-Dawn Feature

The integral dusk-to-dawn sensor ensures the lights only come on after dark. This feature can be manually activated to turn the light on for 6 hours at dusk. Consult the product's physical controls for activation steps.

## MAINTENANCE

To ensure optimal performance and longevity of your floodlight, follow these simple maintenance guidelines:

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Regularly inspect the wiring and connections for any signs of wear, damage, or corrosion.
- **Sensor Clarity:** Keep the motion sensor lens clean and free from obstructions (e.g., dirt, spiderwebs) to ensure proper detection.

## TROUBLESHOOTING

If you experience issues with your floodlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty wiring; sensor blocked or misaligned.	Check circuit breaker. Verify wiring connections. Clear sensor lens and adjust sensor direction.
Light stays on continuously.	Sensor sensitivity too high; continuous motion detected; dusk-to-dawn mode active.	Adjust sensor sensitivity. Ensure no constant motion in detection zone. Check dusk-to-dawn setting.
Light flickers or cycles on/off rapidly.	Loose wiring; power fluctuations; sensor interference.	Check and secure all wiring connections. Ensure stable power supply. Remove any objects causing sensor interference.

If the problem persists after trying these solutions, contact customer support.

## SPECIFICATIONS

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**Brand:** Defiant

**Model Number:** MST18920LWDF

**Light Source Type:** LED

**Brightness:** 1900 Lumens

**Motion Detection Range:** 180 degrees, 70 ft.

**Power Source:** Corded Electric

**Voltage:** 110 Volts

**Wattage:** 23919 watts

**Dimensions:** 5" L x 5.8" W x 9.3" H

**Item Weight:** 3.1 Pounds

**Special Features:** Dawn-To-Dusk, Motion Sensor

**Indoor/Outdoor Usage:** Outdoor

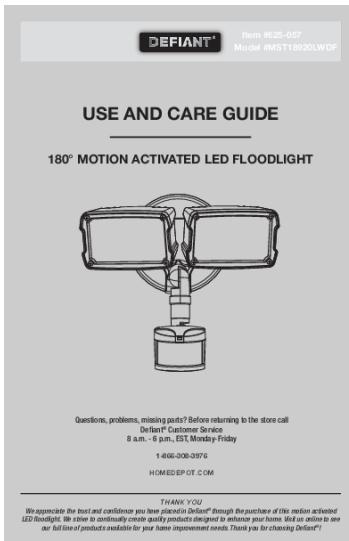
**Color:** White

## WARRANTY AND SUPPORT

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This product is tested and certified to look and work like new. The refurbishing process includes functionality testing, basic cleaning, inspection, and repackaging. The product ships with all relevant accessories, and may arrive in a generic box. For specific warranty details or technical support, please refer to the documentation included with your purchase or contact Defiant customer service.

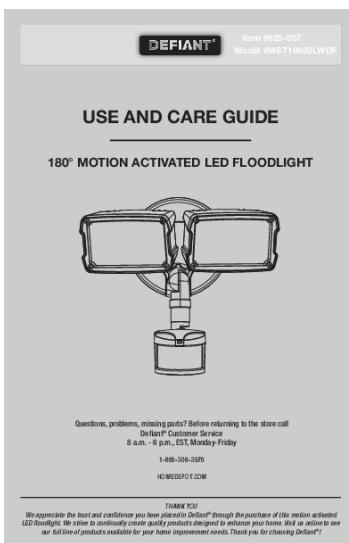
*Note: The provided product information indicates this is a refurbished product. Warranty terms for refurbished items may differ from new products.*



## [Defiant 180° Motion Activated LED Floodlight Use and Care Guide](#)

This guide provides detailed instructions for the Defiant 180° Motion Activated LED Floodlight (Model MST18920LWDF), covering installation, operation, feature selection, safety precautions, and troubleshooting. Learn how to properly install and use your motion-activated LED floodlight for optimal performance and security.

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## [\[pdf\] Troubleshooting Guide Guide Warranty Catalog](#)

Use and Care GUIde The Home Depot THANK YOU We appreciate the trust confidence you have placed in Defiant® through purchase of this motion activated LED floodlight. We strive to continually create quality products designed to enhance your home life or active to see our full line of products available for your home improvement needs. Thank you for choosing Defiant®!

Item #625-057 Model #**MST18920LWDF** Use and Care Guide 180 motion activated led floodlight Questions, problems, missing parts Before returning to the store call Defiant Customer Service 8 a.m. - 6 p.m., EST, Monday-Friday 1-866-308-3976 homedepot.com THANK YOU We appreciate the trust and confidence y...  
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