

Defiant DFI-5852-BK

Defiant DFI-5852-BK 180 Degree Black Motion Activated Outdoor Flood Light

User Manual

PRODUCT OVERVIEW

The Defiant DFI-5852-BK is an advanced LED motion floodlight designed to enhance safety and security for outdoor spaces. It delivers 1200 Lumens of bright illumination and features a 180-degree motion-activated sensor. This unit incorporates Motion-Off technology, allowing the motion sensor to be bypassed, enabling a dusk-to-dawn operation mode via its internal photocell. With durable LED technology, there is no need for bulb replacement, offering a long-lasting lighting solution. Installation is simplified with three easy steps, supporting both wall and eave mount applications.



An image showing the Defiant DFI-5852-BK flood light. It features two round LED lamp heads mounted on an adjustable arm, with a motion sensor unit positioned below them. The light is black in color.

IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all instructions before beginning installation. 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 installing or servicing the fixture.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all electrical connections are made in accordance with local codes, ordinances, and the National Electric Code (NEC).
- This fixture is designed for outdoor use and is water resistant. However, ensure proper sealing during installation to prevent water ingress.

- Do not attempt to disassemble or modify the LED light heads, as they contain non-replaceable LEDs.
- Avoid looking directly into the light source when illuminated, as it may cause eye strain or damage.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Defiant DFI-5852-BK Flood Light Unit
- Mounting Bracket
- Mounting Hardware (screws, wire nuts, gasket)
- Instruction Manual (this document)

INSTALLATION GUIDE

The Defiant DFI-5852-BK flood light is designed for straightforward installation, typically completed in three easy steps. It can be mounted on either a wall or an eave.

Mounting Options

- **Wall Mount:** Secure the fixture directly to a vertical wall surface.
- **Eave Mount:** Secure the fixture to an overhang or horizontal eave surface.

General Installation Steps

1. **Prepare Wiring:** Turn off power at the circuit breaker. Remove the existing fixture (if any) and expose the electrical box wiring.
2. **Attach Mounting Bracket:** Secure the provided mounting bracket to the electrical box. Ensure the bracket is oriented correctly for your chosen mounting option (wall or eave).
3. **Connect Wiring:** Connect the flood light's wires to your household wiring using wire nuts. Typically, black to black (live), white to white (neutral), and green/bare copper to green/bare copper (ground).
4. **Mount Fixture:** Carefully align the flood light unit with the mounting bracket and secure it in place with the provided screws. Ensure the gasket creates a tight seal against the mounting surface to prevent water intrusion.
5. **Seal (if necessary):** Apply a bead of silicone caulk around the base of the fixture where it meets the mounting surface for added weather protection, especially on uneven surfaces.
6. **Restore Power:** Turn the power back on at the circuit breaker.

Note: For detailed diagrams and specific instructions, refer to the included printed manual.

OPERATING INSTRUCTIONS

Motion Activated Mode

The flood light features a 180-degree motion-activated sensor that detects movement within its range, automatically turning on the light. The light will remain on for the set duration after motion is no longer detected.

Motion-Off / Dusk-to-Dawn Mode

This flood light includes a unique Motion-Off technology. By adjusting the sensor settings, you can disable the motion detection feature. In this mode, the internal photocell will activate the light at dusk and turn it off at dawn, providing continuous illumination throughout the night.

Adjustments

- **Sensor Sensitivity:** The motion sensor's sensitivity can be adjusted to detect movement up to 40 feet away. Adjust this setting to prevent unwanted activations from distant objects or small animals.
- **On-Time:** The duration for which the light remains on after motion is detected can be adjusted up to 10 minutes. Set this to your preferred illumination period.
- **Tool-less Lamp Head Adjustment:** The twin round lamp heads can be easily adjusted without tools to direct the light precisely where needed.

CARE AND MAINTENANCE

The Defiant DFI-5852-BK flood light utilizes integrated LED technology, meaning there are no bulbs to change. This significantly reduces maintenance requirements.

- **Cleaning:** To clean the fixture, ensure power is off. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly to ensure continued safe operation.

TROUBLESHOOTING

If you experience issues with your Defiant flood light, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Light does not turn on.	No power to the fixture. Sensor sensitivity too low. Photocell detecting too much ambient light (in motion mode).	Check circuit breaker and wiring connections. Increase sensor sensitivity. Ensure photocell is not obstructed or exposed to direct light.
Light stays on continuously.	Continuous motion in sensor's range. On-time setting is too long. Fixture is in Dusk-to-Dawn mode.	Adjust sensor angle or sensitivity to exclude unwanted areas. Decrease the on-time setting. Verify sensor settings are not set for continuous operation.
Light flickers or dims.	Loose wiring connection. Voltage fluctuations.	Turn off power and check all wiring connections. Consult an electrician if voltage issues persist.

TECHNICAL SPECIFICATIONS

Brand	Defiant
Model Number	DFI-5852-BK
Light Output	1200 Lumens
Motion Sensor Coverage	180 degrees, up to 40 ft.
Adjustable On-Time	Up to 10 minutes
Operating Temperature	-25°C (-13°F) to +50°C (+120°F)

Voltage	110 Volts
Light Source	Integrated LED (Non-replaceable)
Installation Type	Wall or Eave Mount
Water Resistance Level	Water Resistant
Product Dimensions (H x L x W)	9.5 x 7 x 7 inches
Item Weight	2 pounds

WARRANTY AND CUSTOMER SUPPORT

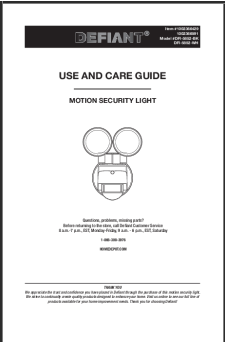
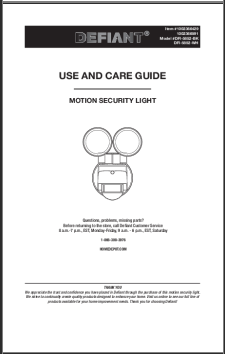
This Defiant flood light is covered by a **Manufacturer Warranty**. For specific details regarding the warranty period, coverage, and terms, please refer to the warranty information provided with your purchase or contact Defiant customer support directly.

If you require assistance with installation, operation, or troubleshooting that is not covered in this manual, please contact Defiant customer service. Keep your purchase receipt and model number (DFI-5852-BK) readily available when contacting support.

Contact information for Defiant customer support can typically be found on the product packaging, the manufacturer's official website, or your purchase documentation.

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Related Documents - DFI-5852-BK

	<p>Defiant Motion Security Light Use and Care Guide</p> <p>Comprehensive guide for the Defiant Motion Security Light (models DFI-5852-BK, DFI-5852-WH), covering installation, operation, care, and troubleshooting.</p>
	<p>Defiant Motion Security Light: Installation, Operation, and Care Guide</p> <p>Comprehensive guide for the Defiant Motion Security Light (models DFI-5852-BK, DFI-5852-WH), detailing installation, operation, maintenance, and troubleshooting steps.</p>

Comprehensive use and care guide for the Defiant Motion Security Light (Models DFI-5852-BK, DFI-5852-WH). This manual covers installation, operation, safety, and troubleshooting for your home security lighting solution.

Troubleshooting guide for the Defiant 270° White Motion Activated Outdoor Integrated LED Triple Head Flood Light with Adjustable Color Temperature (Model DFI-5886-WH).

Comprehensive use and care guide for the Defiant Motion Security Light (Model DFI-5936-BK, DFI-5936-WH). Includes installation instructions, operation details, troubleshooting tips, and warranty information.

A concise guide to installing and operating the Defiant DFI-7004-WH-G motion solar security light, including setup, adjustments, and troubleshooting.