

Defiant DW8938ABZ-B

Defiant 1-Light Integrated LED Outdoor Bronze Dusk to Dawn Security Flood Light User Manual

Model: DW8938ABZ-B

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Defiant 1-Light Integrated LED Outdoor Bronze Dusk to Dawn Security Flood Light. This high-performance, low-maintenance lighting solution is designed for dependable area and security illumination. Please read all instructions carefully before installation and use to ensure proper function and safety.

SAFETY INFORMATION

Always observe basic safety precautions when installing or using electrical products to reduce the risk of fire, electric shock, and personal injury.

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installing or servicing.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Use only UL listed wire connectors.
- Do not install near combustible materials.
- Ensure all connections are secure and properly insulated.
- Do not attempt to modify the integrated LED light source. It is not replaceable.

PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Defiant 1-Light Integrated LED Outdoor Bronze Dusk to Dawn Security Flood Light Fixture
- Mounting Hardware (screws, wire nuts, gasket)
- Remote Control

- Instruction Manual

INSTALLATION

This flood light is suitable for wall or ceiling/eaves mounting. Professional installation is recommended for electrical wiring.

Tools Required (Not Included):

- Screwdriver
- Wire Strippers
- Pliers
- Electrical Tape
- Safety Glasses

Mounting Steps:

1. **Turn off power:** Locate the circuit breaker or fuse box and turn off the power to the area where you will be installing the light fixture.
2. **Prepare the mounting surface:** Ensure the mounting surface is clean, dry, and structurally sound.
3. **Attach mounting plate:** Secure the mounting plate to the junction box using the provided screws. Ensure the gasket is properly seated to prevent moisture entry.
4. **Wire connections:** Connect the electrical wires according to local electrical codes. Typically, connect the black wire from the fixture to the black (hot) wire from the supply, the white wire from the fixture to the white (neutral) wire from the supply, and the green or bare copper wire from the fixture to the ground wire from the supply. Use wire nuts to secure connections.
5. **Mount the fixture:** Carefully align the fixture with the mounting plate and secure it with the provided screws. Ensure a tight seal against the mounting surface.
6. **Restore power:** Once installation is complete and all connections are secure, restore power at the circuit breaker.



Image: Defiant 1-Light Integrated LED Outdoor Bronze Dusk to Dawn Security Flood Light. This image shows the flood light in a bronze finish, featuring a single integrated LED light panel and a circular mounting base, designed for outdoor security lighting.

OPERATING INSTRUCTIONS

Dusk-to-Dawn Functionality:

The Defiant Flood Light is equipped with a built-in photocell sensor that automatically turns the light ON at dusk and OFF at dawn. This feature provides continuous security lighting without manual intervention.

- Ensure the photocell sensor is not obstructed by objects, eaves, or other light sources, as this can interfere with its proper operation.
- The light will activate when ambient light levels drop below a certain threshold and deactivate when light levels rise.

Remote Control Operation:

Use the included remote control for additional functionality, such as overriding the dusk-to-dawn sensor or adjusting settings if available. Refer to the remote control's specific instructions for detailed usage.

- Point the remote control directly at the light fixture for optimal response.
- Ensure the remote control batteries are installed correctly and are not depleted.

MAINTENANCE

The Defiant LED Flood Light requires minimal maintenance due to its integrated LED design and durable construction.

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Address any issues promptly.
- **LED Lifespan:** The integrated LED has a long lifespan of approximately 50,000 hours and does not require bulb replacement.

TROUBLESHOOTING

If your flood light is not functioning as expected, refer to the following common issues and solutions:

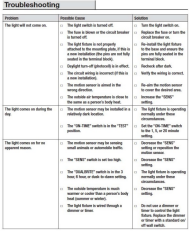

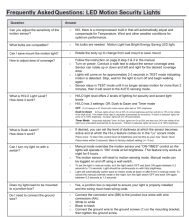

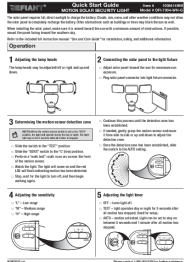
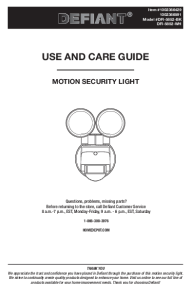
Problem	Possible Cause	Solution
Light does not turn on at dusk.	1. Power is off. 2. Photocell obstructed or receiving too much light. 3. Faulty wiring.	1. Check circuit breaker/fuse. 2. Clear obstructions from photocell. Relocate if necessary to an area with less ambient light. 3. Verify all wiring connections are secure. Consult an electrician if unsure.

Problem	Possible Cause	Solution
Light stays on during the day.	1. Photocell obstructed or faulty. 2. Light from another source (e.g., street light) is activating the sensor.	1. Clear obstructions from photocell. Ensure it is clean. If issue persists, photocell may be faulty. 2. Reposition the fixture or shield the photocell from external light sources.
Light flickers or dims.	1. Loose wiring connection. 2. Power fluctuations. 3. Integrated LED issue.	1. Check and secure all wiring connections. 2. Consult an electrician to check power supply. 3. If integrated LED is faulty, the unit may need replacement.
Remote control not working.	1. Dead batteries. 2. Obstruction between remote and fixture. 3. Remote not paired (if applicable).	1. Replace batteries. 2. Ensure clear line of sight to the fixture. 3. Refer to remote control instructions for pairing process.

SPECIFICATIONS

Feature	Specification
Brand	Defiant
Model Number	DW8938ABZ-B
Light Source Type	Integrated LED
Wattage	125 watts
Brightness	1800 lumens
Voltage	120 Volts (DC)
Color	Bronze
Material	Bronze
Indoor/Outdoor Usage	Outdoor
Special Feature	Dusk-to-Dawn
Control Method	App, Remote Control
Mounting Type	Ceiling Mount, Wall Mount
Efficiency	Energy Star Certified, 50,000 hour lamp life
Item Weight	3.93 pounds
Product Dimensions	8.4 x 7.2 x 7.9 inches
UPC	008938104784

Related Documents - DW8938ABZ-B

	<p>Defiant DFI-5886-WH Troubleshooting Guide</p> <p>Troubleshooting guide for the Defiant 270° White Motion Activated Outdoor Integrated LED Triple Head Flood Light with Adjustable Color Temperature (Model DFI-5886-WH).</p>
	<p>Defiant Home Power Photocell Dusk to Dawn Remote Timer NOA0039T - Installation & Operation Guide</p> <p>Learn how to install and operate the Defiant Home Power Photocell Dusk to Dawn Remote Timer (Model NOA0039T) for convenient outdoor lighting control. Includes setup, troubleshooting, and safety information.</p>
	<p>Frequently Asked Questions: LED Motion Security Lights</p> <p>Comprehensive FAQ covering common questions about Defiant LED Motion Security Lights, including sensitivity adjustment, bulb compatibility, mounting, area coverage, light level settings (HI/LO, Dusk to Dawn, Timer), manual mode, junction box requirements, and wiring.</p>
	<p>Defiant NOA0039R Outdoor Timer with Wireless Remote User Manual</p> <p>Instructions and specifications for the Defiant NOA0039R outdoor timer with wireless remote, featuring dusk-to-dawn and timed settings. Includes installation, troubleshooting, and safety information.</p>
	<p>Defiant Motion Solar Security Light Quick Start Guide</p> <p>A concise guide to installing and operating the Defiant DFI-7004-WH-G motion solar security light, including setup, adjustments, and troubleshooting.</p>
	<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>

