

Feit Electric S10.5TFL/850/MOT/BZ

Feit Electric S10.5TFL/850/MOT/BZ LED Security Flood Light User Manual

Model: S10.5TFL/850/MOT/BZ

Brand: Feit Electric

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Feit Electric S10.5TFL/850/MOT/BZ LED Security Flood Light. This outdoor flood light features a motion sensor and dusk-to-dawn functionality, offering efficient and reliable illumination for various outdoor spaces. Please read these instructions thoroughly before installation and use to ensure proper function and safety.



Image: Front view of the Feit Electric S10.5TFL/850/MOT/BZ LED Security Flood Light, showcasing its three adjustable heads and integrated motion sensor.

SAFETY INFORMATION

- **WARNING:** Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation 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 or ETL listed wire for connections.
- Do not install this fixture with wet hands or while standing on wet or damp surfaces.
- Ensure all connections are secure and properly insulated.
- This fixture is designed for outdoor use and is wet location rated (IP65).

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Feit Electric S10.5TFL/850/MOT/BZ LED Security Flood Light
- Mounting Hardware (screws, wire nuts, gasket)
- Instruction Manual

SETUP AND INSTALLATION

This flood light is designed for hardwired, flush mount installation on a wall. Ensure the mounting surface is stable and can support the fixture's weight.

Tools Required (Not Included):

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

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker controlling the outdoor lighting circuit and turn off the power. Verify power is off using a voltage tester.
2. **Prepare Mounting Surface:** Ensure the electrical junction box is securely installed and accessible.
3. **Attach Mounting Back Plate:** Secure the fixture's mounting back plate to the junction box using the provided screws. Ensure the gasket is properly seated between the back plate and the mounting surface for a weather-tight seal.
4. **Wire Connections:** Connect the fixture's wires to your household wiring. Match the wires:
 - Black (Live) to Black (Live)
 - White (Neutral) to White (Neutral)

- Green or Bare Copper (Ground) to Green or Bare Copper (Ground)

Use the provided wire nuts and secure connections with electrical tape.

5. **Mount Fixture:** Carefully align the fixture with the mounting back plate and secure it with the remaining screws. Ensure no wires are pinched.
6. **Seal (Optional but Recommended):** Apply a bead of silicone caulk around the perimeter of the fixture where it meets the mounting surface to prevent water intrusion.
7. **Restore Power:** Turn the power back on at the circuit breaker.



Image: Illustration of the hands-free wiring and mounting back plate, demonstrating how the fixture attaches to the wall for installation.

OPERATING INSTRUCTIONS

Your Feit Electric LED Security Flood Light is equipped with both a motion sensor and dusk-to-dawn technology for automated operation.

Dusk-to-Dawn Functionality:

The integrated photocell sensor automatically detects ambient light levels. The light will remain off during daylight hours and activate its motion sensing capabilities only when it gets dark. This ensures energy efficiency by preventing the light from operating unnecessarily during the day.



Image: A visual comparison illustrating the effect of dusk-to-dawn functionality, showing the light off during the day and on at night.

Motion Sensor Operation:

Once the dusk-to-dawn sensor detects darkness, the motion sensor becomes active. It detects movement within a 180-degree range and up to 60 feet away. Upon detecting motion, the flood light will illuminate to its full 5000 lumens. After a period of no detected motion, the light will automatically turn off or dim down to 500 lumens if configured for lower light levels.

Adjusting Light Heads:

The three LED light heads are independently adjustable, allowing you to direct the light output up to 270 degrees of coverage. Loosen the adjustment screws on each head, position the light as desired, and then securely tighten the screws.

MAINTENANCE

The Feit Electric LED Security Flood Light is designed for low maintenance and durability, featuring rugged, weather-resistant aluminum housing and shatter-resistant polycarbonate lenses.

Cleaning:

- Ensure power is off before cleaning.
- Wipe the fixture with a soft, damp cloth.
- Do not use abrasive cleaners or solvents, as these can damage the finish or lenses.

Inspection:

- Periodically inspect the fixture for any signs of damage to the housing or wiring.
- Check that the mounting remains secure.

Specifications

Width
8.9 in.



Length
7.3 in.



 CCT: Daylight (5000K)

 Motion Detection with Dusk to Dawn sensor

 Wattage: 46W

 Brightness: 500-5,000 Lumens

 Life Hours: 50,000

 IP65 Wet Rated

Voltage 120

Image: The flood light mounted on an exterior wall, demonstrating its robust construction and IP65 wet-location rating, capable of withstanding various weather conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	No power; Dusk-to-dawn sensor detecting too much light; Faulty wiring.	Check circuit breaker; Ensure no ambient light is interfering with the sensor; Verify wiring connections.

Problem	Possible Cause	Solution
Light stays on during the day.	Dusk-to-dawn sensor obstructed or faulty.	Clear any obstructions from the sensor; If problem persists, contact support.
Motion sensor not detecting movement or range is poor.	Sensor obstructed; Incorrect sensor angle; Environmental factors (temperature, wind).	Clear obstructions; Adjust sensor angle for optimal coverage; Test in different conditions.
Light flickers or dims unexpectedly.	Loose wiring connection; Power fluctuations.	Check and secure all wiring connections; Consult an electrician if power fluctuations are suspected.

SPECIFICATIONS

Feature	Detail
Model Number	S10.5TFL/850/MOT/BZ
Brand	Feit Electric
Power Source	Corded Electric
Voltage	120 Volts (AC)
Wattage	46 Watts
Brightness	5000 Lumens (Adjustable 500-5000 Lumens)
Color Temperature	5000K Daylight
Light Source Type	LED
Motion Sensor	180° detection, up to 60 ft range
Dusk-to-Dawn	Yes
Adjustable Heads	Yes, up to 270° coverage
Material	Aluminum (Housing), Polycarbonate (Lens)
Product Dimensions	10"L x 7.4"W x 8.3"H
IP Rating	IP65 (Wet Location Rated)
Lifespan	50,000 Hours
Mounting Type	Wall Mount, Flush Mount
UPC	017801763256

Hands-Free Wiring - Mounting Back Plate

Screws (2)



Image: A detailed diagram outlining the key specifications of the flood light, such as dimensions, wattage, brightness, color temperature, and IP rating.







WARRANTY

The manufacturer states that there is no explicit warranty description provided for this product. Please refer to your retailer's return policy or contact Feit Electric directly for any warranty-related inquiries.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Feit Electric customer service.

You can also visit the official Feit Electric store for more information and products: [Feit Electric Store](#)

	<p>Feit Electric Dual Head Motion Security Flood Light Model 73719 Installation and Operation Guide</p> <p>This guide provides detailed instructions for installing and operating the Feit Electric Model 73719 Dual Head Motion Security Flood Light. It covers care, maintenance, troubleshooting, safety warnings, and operational modes like motion detection and dusk-to-dawn functionality.</p>
	<p>Feit Electric S10.5DFL/5CCT/MM/BZ: 5000 Lumens Motion Activated Dual Head LED Security Flood Light Installation Guide</p> <p>Comprehensive installation guide and safety instructions for the Feit Electric S10.5DFL/5CCT/MM/BZ motion activated dual head LED security flood light. Learn about setup, operation, troubleshooting, and specifications.</p>
	<p>Feit Electric S13CWPK/MM/BZ Outdoor Commercial Wall Light - Use and Care Guide</p> <p>Comprehensive use and care guide for the Feit Electric S13CWPK/MM/BZ Outdoor Commercial Wall Light. Includes installation instructions, safety information, operation details, and troubleshooting tips.</p>
	<p>Feit Electric LED Outdoor Lantern with Dusk to Dawn Sensor - Installation and Warranty</p> <p>Comprehensive guide to installing and understanding the warranty for the Feit Electric LED Outdoor Lantern with Dusk to Dawn Photocontrol Sensor (Model LAN12BZ60/2). Includes safety warnings, installation steps, troubleshooting, and FCC compliance information.</p>
	<p>Feit Electric S13CWPK/MM/BZ Outdoor Commercial Wall Light Use and Care Guide</p> <p>This guide provides comprehensive instructions for the Feit Electric S13CWPK/MM/BZ Outdoor Commercial Wall Light, covering installation, operation, maintenance, and troubleshooting for optimal performance.</p>
	<p>Feit Electric App User Guide for Flood Light Security Camera</p> <p>Comprehensive user guide for the Feit Electric App, detailing the setup and operation of the Flood Light Security Camera. Learn how to connect to Wi-Fi, register your device, and utilize features like motion detection, night vision, and two-way communication. Includes instructions for integrating with Siri Shortcuts, Alexa, and Google Assistant.</p>