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Enbrighten 73676-S1

Enbrighten 73676-S1 LED Motion Security Light User Manual

Model: 73676-S1 | Brand: **Enbrighten**

1. PRODUCT OVERVIEW

The Enbrighten 73676-S1 LED Motion Security Light is designed to enhance the safety and visibility of your outdoor spaces. It features two adjustable LED floodlights, a motion sensor, and a built-in dusk-to-dawn accent night light. This unit provides 2200 lumens of 4000K white light when motion is detected and a soft 100-lumen, 2200K warm white glow at night.



Figure 1: Enbrighten 73676-S1 LED Motion Security Light in an outdoor setting.

Key Features:

- **2200 Lumen Floodlights:** Two adjustable heads provide bright 4000K white light upon motion detection.
- **Motion Sensing:** Detects motion in a 180° area with an adjustable range of 10ft, 30ft, or 50ft. Lights can be set to turn off 1-10 minutes after motion ceases.
- **Dusk-to-Dawn Accent Night Light:** A 100-lumen, 2200K warm white LED light bar automatically activates at dusk and deactivates at dawn.
- **Quick-Connect Installation:** Designed for straightforward mounting with included hardware.
- **Durable Housing:** IP65 weather-resistant construction for outdoor use.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Always disconnect power at the 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 secure and comply with local electrical codes.
- Do not attempt to modify the fixture.
- This product is designed for outdoor use and must be connected to a waterproofed outdoor junction box.

3. INSTALLATION

The Enbrighten 73676-S1 security light is designed for quick and easy installation. All necessary mounting hardware is included.

Required Tools (Not Included):

- Screwdriver
- Wire strippers
- Pliers
- Electrical tape
- Safety glasses

Installation Steps:

1. **Turn off Power:** Locate the circuit breaker controlling the outdoor junction box and turn off the power. Verify power is off using a voltage tester.
2. **Prepare Wiring:** Remove the existing fixture (if any) and expose the wiring from the junction box.
3. **Connect Wires:** Use the quick-connect wiring system to connect the security light's wires to your household wiring. Typically, this involves connecting black to black (live), white to white (neutral), and green/bare copper to green/bare copper (ground). Ensure connections are secure.
4. **Mount Fixture:** Align the security light with the outdoor junction box. Secure the fixture using the provided mounting hardware. Ensure a tight seal to prevent water intrusion.
5. **Adjust Heads:** Once mounted, adjust the floodlight heads and the motion sensor to cover your desired area.
6. **Restore Power:** Turn the power back on at the circuit breaker.



Figure 2: Quick-connect installation steps for the security light.

4. OPERATING INSTRUCTIONS

The Enbrighten 73676-S1 features adjustable settings for motion detection and light duration, as well as an automatic dusk-to-dawn night light function.

Motion Sensor Settings:

The motion sensor has two adjustable dials, typically located on the underside of the sensor unit:

- **TIME Dial:** Adjusts how long the floodlights remain on after motion is detected and then stops. Options usually include 1 minute, 5 minutes, or 10 minutes.
- **DISTANCE Dial:** Adjusts the motion detection range. Options typically include 10ft, 30ft, or 50ft.

The motion sensor covers a wide 180° area. Adjust the sensor's angle to optimize coverage for your specific needs.



Figure 3: Motion detection capabilities and floodlight output.

Dusk-to-Dawn Night Light:

The integrated LED light bar at the base of the fixture functions as an accent night light. It automatically turns on when ambient light levels drop at dusk and turns off at dawn, providing a continuous 100-lumen, 2200K warm white glow.

All-Weather IP65 Rating Durable Housing



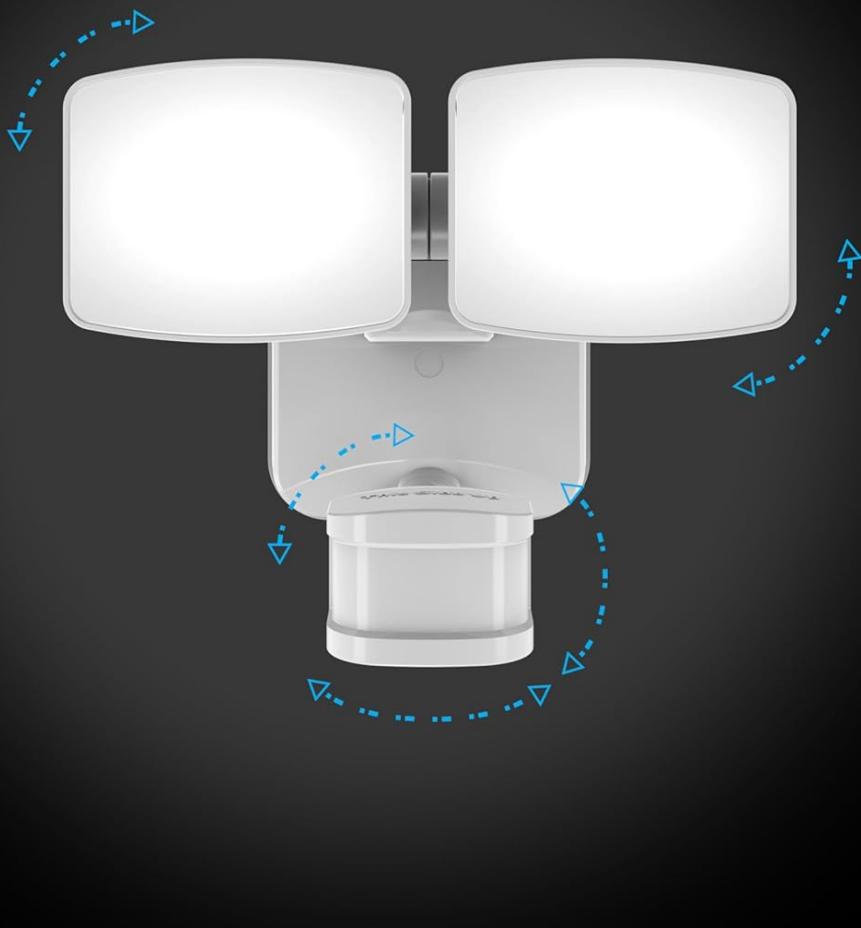
Figure 4: The dusk-to-dawn accent night light feature.

Adjustable Floodlight Heads:

The two floodlight heads can be independently adjusted to direct light precisely where needed. Loosen the adjustment screws, position the heads, and then tighten the screws to secure them.

Multi-Position Flexible Heads

Angle the motion sensor as needed and rotate the floodlights where you want them to shine



Eave or Wall Mount



Figure 5: Flexible and adjustable floodlight heads.

Manual Control:

The security light can also be manually controlled using an associated wall switch, if wired accordingly.

5. MAINTENANCE

This LED security light is designed for long-lasting performance with minimal maintenance. The LEDs are integrated and not user-replaceable.

- **Cleaning:** Periodically clean the fixture with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Inspection:** Regularly inspect the fixture and wiring for any signs of damage or wear. If damage is found, disconnect power and consult a qualified electrician.

6. TROUBLESHOOTING

If you experience issues with your Enbrighten 73676-S1 LED Motion Security Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty wiring; sensor obstructed; ambient light too high.	Check circuit breaker. Verify wiring connections. Clear any obstructions from the sensor. Ensure it's dark enough for the sensor to activate.
Light stays on continuously.	Continuous motion detected; TIME setting too long; wiring issue.	Ensure no constant motion in detection area. Adjust TIME dial to a shorter duration. Check wiring for proper connection.
Motion sensor not detecting.	Sensor angle incorrect; DISTANCE setting too low; obstruction.	Adjust sensor angle. Increase DISTANCE setting. Remove obstructions.
Night light not working.	Ambient light too high; faulty sensor.	Ensure it is dark enough for the dusk-to-dawn sensor to activate. If problem persists, contact support.

If these steps do not resolve the issue, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	73676-S1
Brand	Enbrighten
Light Output (Floodlights)	2200 Lumens
Color Temperature (Floodlights)	4000K (White Light)
Light Output (Night Light)	100 Lumens
Color Temperature (Night Light)	2200K (Warm White)
Motion Detection Angle	180°
Motion Detection Range	Adjustable: 10ft, 30ft, or 50ft
Light On-Time (Motion)	Adjustable: 1min, 5min, or 10min
Power Source	Hard Wired
Material	Plastic
Color	White
Dimensions (L x W x H)	7" L x 8.5" W x 6" H
Item Weight	2.13 pounds
Water Resistance Level	IP65 (Water Resistant)
Certification	UL Listed

8. WARRANTY INFORMATION

This Enbrighten product is backed by a **5-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For full warranty terms and conditions, please refer to the official Enbrighten website or contact customer support.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Enbrighten customer support.

- **Online Support:** Visit the official Enbrighten website for FAQs, product registration, and contact information.
- **Manufacturer:** Jasco Products Company, LLC

Please have your model number (73676-S1) and date of purchase available when contacting support.

10. PRODUCT VIDEO OVERVIEW

Watch this official video for a visual overview of the Enbrighten LED Motion Security Light's features and benefits.

Your browser does not support the video tag.

Video 1: Enbrighten LED Motion Security Lights White Overview. This video demonstrates the motion activation, night light, and quick installation process of the security light.

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