

FLITI light-12.5

FLITI 110V Motion Sensor Outdoor Flood Light User Manual

Model: light-12.5

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FLITI 110V Motion Sensor Outdoor Flood Light. Please read this manual thoroughly before installation and use to ensure proper function and safety. This hardwired security light offers 2500 lumens of brightness, an 8-meter sensing distance, and convenient remote control functionality with multiple lighting modes.

2. PRODUCT FEATURES

- **Super Bright Hardwired Design:** 15-watt LED equivalent to 150-watt traditional halogen bulbs, providing 2500 lumens of high brightness. Requires connection to a power cord; not solar or battery-powered.
- **Remote Control Functionality:** Easily change lighting modes without needing to access the physical unit.
- **Five Night Lighting Modes:**
 1. Motion-activated: High brightness (2500LM) when motion is detected, then turns off.
 2. Motion-activated with low brightness standby: Low brightness (300LM) standby, switches to high brightness (2500LM) upon motion detection, then returns to low brightness.
 3. Always On (Micro Brightness): Maintains a constant micro brightness (300LM).
 4. Always On (Medium Brightness): Maintains a constant medium brightness (700LM).
 5. Always On (High Brightness): Maintains a constant high brightness (1000LM).
- **Durable for Cold Climates:** Designed with low-temperature resistant material, suitable for temperatures from -40°C to 0°C, making it ideal for Canadian winters.
- **Flexible Rotation Design:** Adjustable light heads and sensor for optimal coverage.
- **IP65 Waterproof Rating:** Resistant to rain, snow, and dust for reliable outdoor use.

Excellent Brightness & Motion Sensor



Image: The flood light illuminates a wide area with a 120-degree beam and 8-meter sensing distance. It features 6500K color temperature, 2500LM brightness, IP65 waterproof rating, and operates between -25°C and 45°C.



Image: The flood light features a flexible rotation design, allowing the light heads to adjust 360 degrees horizontally and 90 degrees vertically, and the sensor to adjust 360 degrees horizontally.

3. SAFETY INFORMATION

- Always turn off power at the circuit breaker before installation or servicing.
- Consult a qualified electrician if you are unsure about the installation process.
- Do not attempt to modify the product. Any modifications may void the warranty and pose safety risks.
- Ensure all connections are secure and properly insulated.
- Do not look directly into the LED light source when illuminated, as it may cause eye damage.
- Keep the product away from flammable materials.

4. INSTALLATION

This flood light is designed for wall mounting and requires hardwired electrical connection. Professional installation is recommended.

4.1 Wiring Instructions

1. Turn off power at the main circuit breaker.
2. Remove your existing light fixture, if applicable.
3. Connect the live wire (black) from the flood light to the live wire from your electrical box using a wire nut.
4. Connect the neutral wire (white) from the flood light to the neutral wire from your electrical box using a wire nut.
5. Connect the ground wire (green/yellow) from the flood light to the ground wire from your electrical box.
6. Ensure all connections are tight and secure.

Flexible Rotation Design

You can adjust the angle according to your acquirements.



Image: Wiring diagram showing connections for live, neutral, and ground wires. Ensure proper insulation and secure connections.

4.2 Mounting the Fixture

1. After wiring, align the mounting plate of the flood light with the junction box.
2. Secure the fixture to the wall using the provided screws. Ensure it is firmly attached.
3. Adjust the light heads and motion sensor to your desired angles.
4. Apply silicone sealant around the top and sides of the mounting plate to prevent water ingress, leaving the bottom open for drainage.
5. Restore power at the circuit breaker.



Image: Step-by-step illustration of mounting the flood light to a wall, showing wiring connections and securing the fixture.

5. OPERATING INSTRUCTIONS

The FLITI Motion Sensor Outdoor Flood Light can be controlled using the included remote control.

5.1 Remote Control Functions

5 Modes for you to choose



Image: The remote control features ON/OFF buttons and numbered buttons (1-5) corresponding to different lighting modes.

- **ON/OFF:** Turns the light on or off.
- **Mode 1 (Motion Sensor - High Brightness):** Light remains off until motion is detected, then illuminates at 2500LM for a set duration (e.g., 20 seconds) before turning off.
- **Mode 2 (Low Brightness Standby + Motion Sensor - High Brightness):** Light stays at a low brightness (300LM) until motion is detected, then switches to 2500LM. After motion ceases, it returns to low brightness.
- **Mode 3 (Always On - Micro Brightness):** Light stays on continuously at 300LM.
- **Mode 4 (Always On - Medium Brightness):** Light stays on continuously at 700LM.
- **Mode 5 (Always On - High Brightness):** Light stays on continuously at 1000LM.

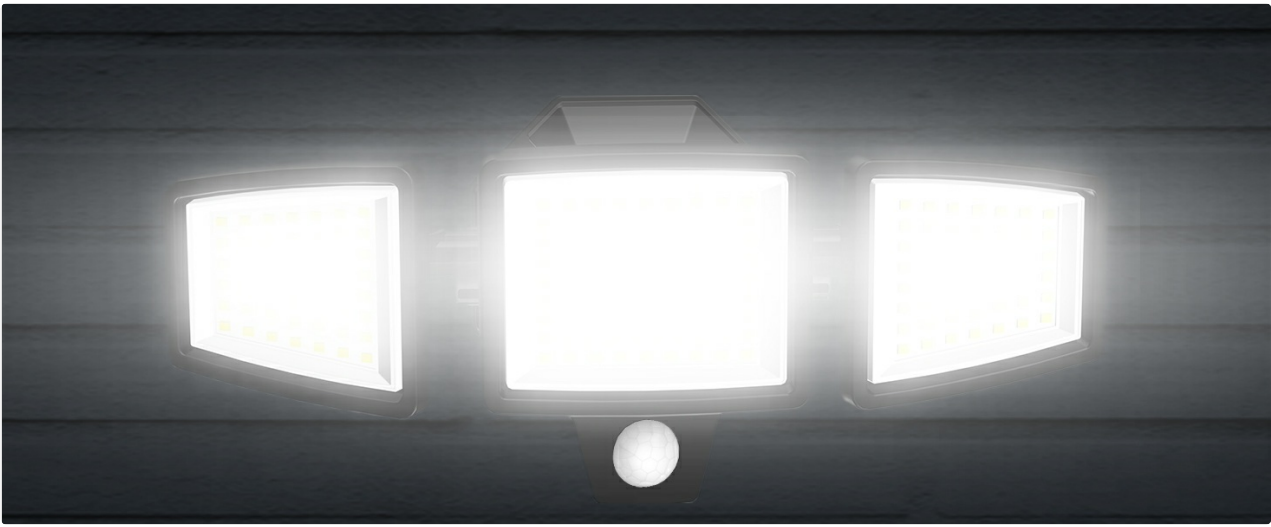


Image: Visual examples of the five lighting modes, illustrating how the light behaves with and without motion detection at different brightness levels.

5.2 Sensor Adjustment

The motion sensor can be adjusted for sensitivity and duration. Refer to the sensor unit for specific dial settings (e.g., DISTANCE, TIME).

Your browser does not support the video tag.

Video: Demonstration of Mode 1 (off to high light for 20 seconds) and Mode 2 (dim to high light for 20 seconds) in action, showing how the light responds to motion.

Your browser does not support the video tag.

Video: Explanation of motion sensor settings, including adjustments for sensing distance (L, M, H) and light duration (1 min, 3 min, 10 min), and a test mode.

6. MAINTENANCE

- **Cleaning:** Periodically clean the light fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the wiring and housing for any signs of damage or wear.
- **LEDs:** The LED light source is integrated and not user-replaceable.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty wiring; sensor malfunction.	Check circuit breaker. Verify wiring connections. Test sensor sensitivity.
Motion sensor not detecting.	Sensor obstructed; incorrect sensitivity setting; ambient light interference.	Clear obstructions. Adjust sensor sensitivity (DISTANCE dial). Ensure sensor is not facing direct light sources.
Light stays on continuously (in motion modes).	Continuous motion detected; incorrect mode selected; sensor malfunction.	Ensure no constant motion in sensor range. Verify correct mode (Mode 1 or 2). Adjust sensor settings.

Problem	Possible Cause	Solution
Remote control not working.	Battery depleted; remote out of range; obstruction.	Replace remote battery. Ensure remote is within effective range and pointed towards the light. Remove obstructions.

8. SPECIFICATIONS

Feature	Specification
Model Number	light-12.5
Power Source	Electric (Hardwired)
Voltage	120 Volts
Wattage	15 watts
Brightness	2500 Lumens (Max)
Color Temperature	6500 Kelvin
Control Method	Remote Control
Indoor/Outdoor Usage	Outdoor
Water Resistance Level	IP65 Waterproof
Material	Plastic, Glass (Shade)
Product Dimensions	25L x 25W x 25H millimeters
Item Weight	0.96 Kilograms
Mounting Type	Wall Mount, Semi Flush Mount

9. WARRANTY AND SUPPORT

FLITI offers a **1-year warranty** for this product from the date of purchase. We also provide a 30-day money-back guarantee. If you encounter any issues or have questions regarding your FLITI Motion Sensor Outdoor Flood Light, please contact our customer support for assistance. Our goal is to provide professional and reliable LED lamps and excellent after-sales experience.