

LPHUMEX G3373_AM

LPHUMEX Motion Sensor Light Socket Instruction Manual

Model: G3373_AM

1. PRODUCT OVERVIEW

The LPHUMEX Motion Sensor Light Socket is designed to convert any standard E26/E27 light fixture into an automatic, motion-sensing light. It integrates a PIR (Passive Infrared) motion detector to automatically turn lights on when motion is detected and off after a set period of inactivity, promoting energy efficiency and convenience.

This device is ideal for areas where temporary lighting is needed, such as basements, pantries, storage rooms, closets, stairs, corridors, and garages.

2. KEY FEATURES

- **Sensitive IR Motion Sensor:** Automatically turns on and off by sensing body temperature within a range of 6-16 feet.
- **Adjustable Settings:** Features adjustable time delay (10 seconds to 5 minutes) and LUX illumination (3-2000lux) to customize operation based on environmental light conditions and user preference.
- **Universal Compatibility:** Suitable for all E26/E27 screw-in bulbs. Supports incandescent bulbs up to 60 watts and compact fluorescent bulbs up to 50 watts.
- **Easy Installation:** Simply screws into an existing light socket, no additional tools or wiring required.
- **Wide Application:** Perfect for various indoor locations requiring automated lighting.

3. PACKAGE CONTENTS

- 1 x LPHUMEX Motion Sensor Light Socket

4. SETUP AND INSTALLATION

1. **Ensure Power is Off:** Before installation, turn off the power to the light fixture at the circuit breaker to prevent electrical shock.
2. **Screw in the Sensor Socket:** Carefully screw the LPHUMEX Motion Sensor Light Socket into your existing E26/E27 light fixture. Ensure it is tightened securely.
3. **Install the Light Bulb:** Screw your desired E26/E27 light bulb (max 60W incandescent, max 50W CFL) into the bottom socket of the motion sensor adapter.
4. **Restore Power:** Turn the power back on at the circuit breaker. The light may flash once or twice as it initializes.

Note: This device is designed for indoor use only. Do not install in enclosed lampshades or glass-shades that may block the sensor's detection. Ensure the sensor faces the area where motion is expected.



Image: Components of the LPHUMEX Motion Sensor Light Socket, highlighting the E26/E27 screw, timer and LUX adjustment points, PIR motion detector, and the E26/E27 bulb socket.

5. OPERATING INSTRUCTIONS AND ADJUSTMENTS

The motion sensor light socket features two adjustable knobs, typically located on the top surface, for customizing its operation:

- **TIME Adjustment:** Controls how long the light stays on after motion is no longer detected. The range is typically from 10 seconds to 5 minutes (300 seconds). Turn the knob clockwise to increase the duration, counter-clockwise to decrease.
- **LUX Adjustment:** Determines the ambient light level at which the sensor becomes active.
 - Setting to the "sun" icon (high LUX) means the light will only activate in very dark conditions.
 - Setting to the "moon" icon (low LUX) means the light will activate in dim conditions or at dusk.

Use a small flathead screwdriver or a similar tool to carefully adjust these knobs. Avoid excessive force to prevent damage.



Image: Detailed view of the adjustable TIME and LUX settings on the sensor socket, illustrating how to set the light duration and ambient light sensitivity.

6. MOTION SENSOR WORKING MODE

The sensor operates based on ambient light and motion detection:

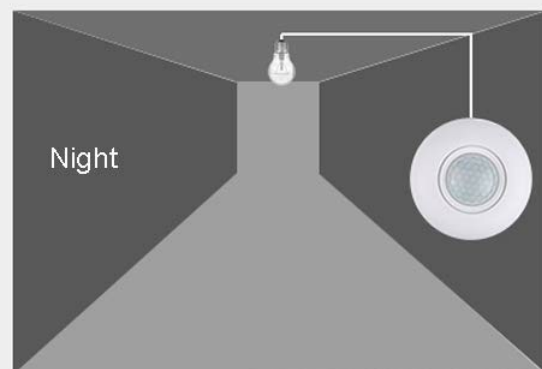
- **Daytime/Strong Light:** If the ambient light is sufficient (above the set LUX level), the sensor will not activate the light, even if motion is detected.
- **Night/Dusk (Motion Detected):** When the ambient light falls below the set LUX level and motion is detected within the sensing range (6-16ft), the light will automatically turn on.
- **Continuous Motion:** If motion continues to be detected within the sensing range, the light will remain on.
- **No Motion:** After motion ceases, the light will remain on for the set time delay (10-300 seconds) and then automatically turn off.

Motion Sensor Working Mode

The bulb only automatically turns on in the dark and dusk when detecting motion, and will turn off automatically after your setting time(10-300s) without any detecting motion.



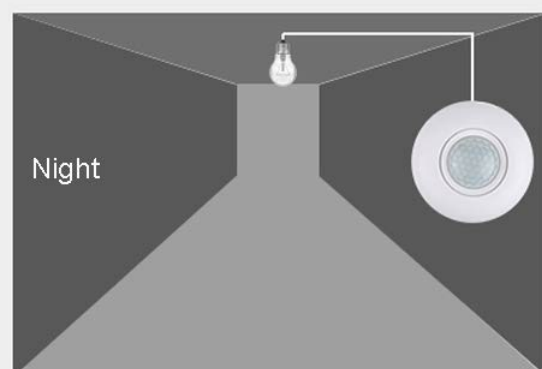
During daytime or strong light, motion detected, light not on



At night, no motion detected, light off



Auto on motion detected at night



After motion stopped 10-300s(Adjustable), light auto off.

Image: Visual representation of the motion sensor's operational logic under different light and motion conditions.

7. DETECTION RANGE AND INSTALLATION HEIGHT

The sensor offers a 360-degree horizontal sensing angle and a 90-degree downward angle. The optimal detection distance is up to 16 feet (6 meters) when mounted approximately 8 feet (2-3.5 meters) above the floor.

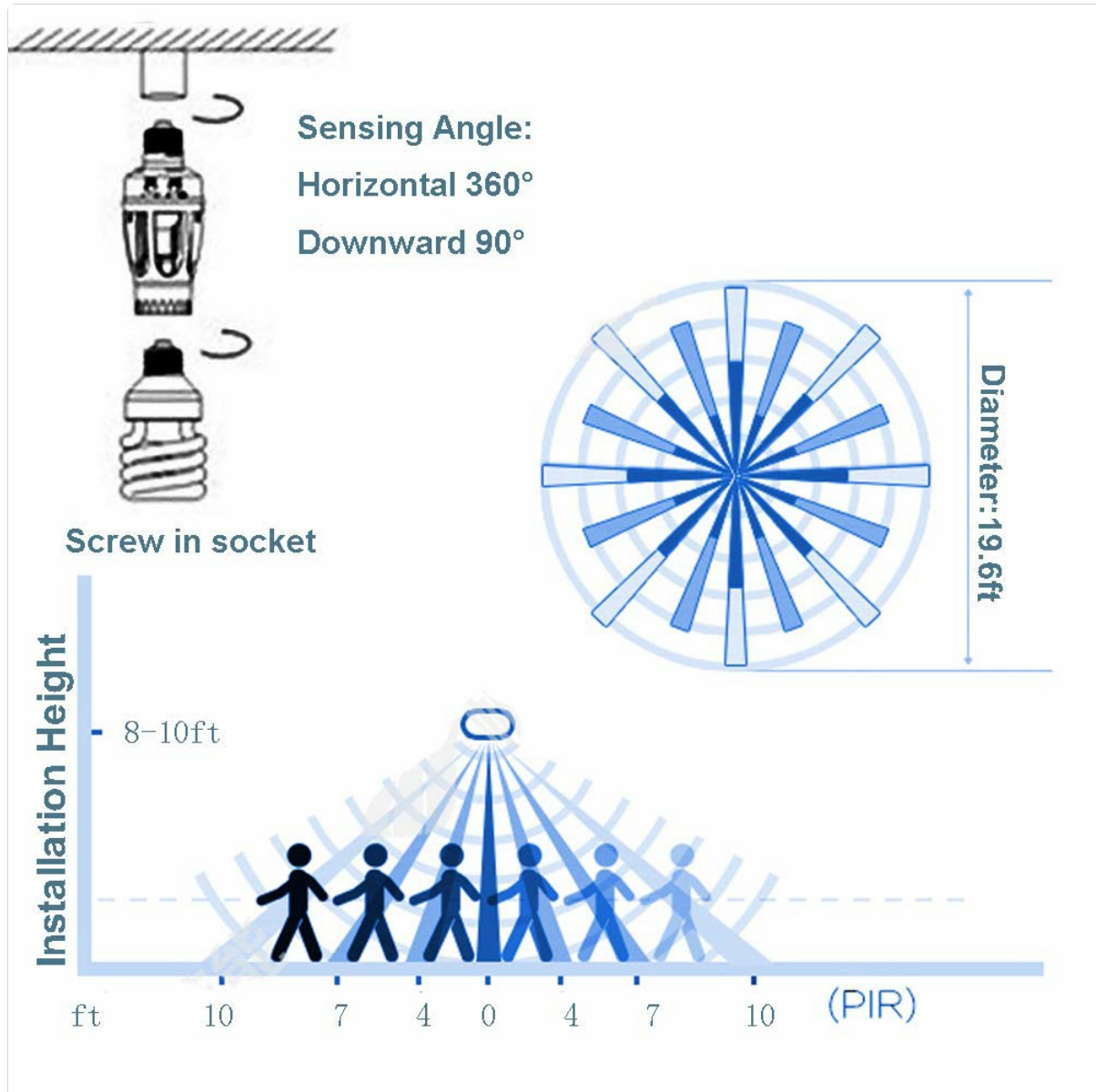


Image: Illustration of the sensor's detection coverage and recommended installation height for optimal performance.

8. APPLICABLE BULBS

This motion sensor light socket is compatible with various E26/E27 screw-in light bulbs, provided they do not exceed the maximum wattage limits:

- **Maximum Incandescent Bulb Wattage:** 60W
- **Maximum Compact Fluorescent Bulb Wattage:** 50W
- Also compatible with LED lights, LED filament bulbs, and Halogen lights within the wattage limits.



Image: Types of light bulbs compatible with the sensor socket and their maximum wattage ratings.

9. RECOMMENDED APPLICATIONS

The LPHUMEX Motion Sensor Light Socket is highly versatile and can be used in a variety of indoor settings to enhance convenience and energy savings:

- **Basements:** Provides automatic lighting when entering or exiting, especially useful when carrying items.
- **Pantry Rooms:** Illuminates the pantry as soon as the door opens or you step inside.
- **Storage Rooms:** Ensures light is available only when needed, reducing wasted energy.
- **Closets:** Ideal for walk-in closets where a light switch might be inconvenient.
- **Stairs and Corridors:** Enhances safety by automatically lighting pathways.
- **Garages:** Convenient lighting for entry and exit, or when working briefly.

Radar bulb installed where

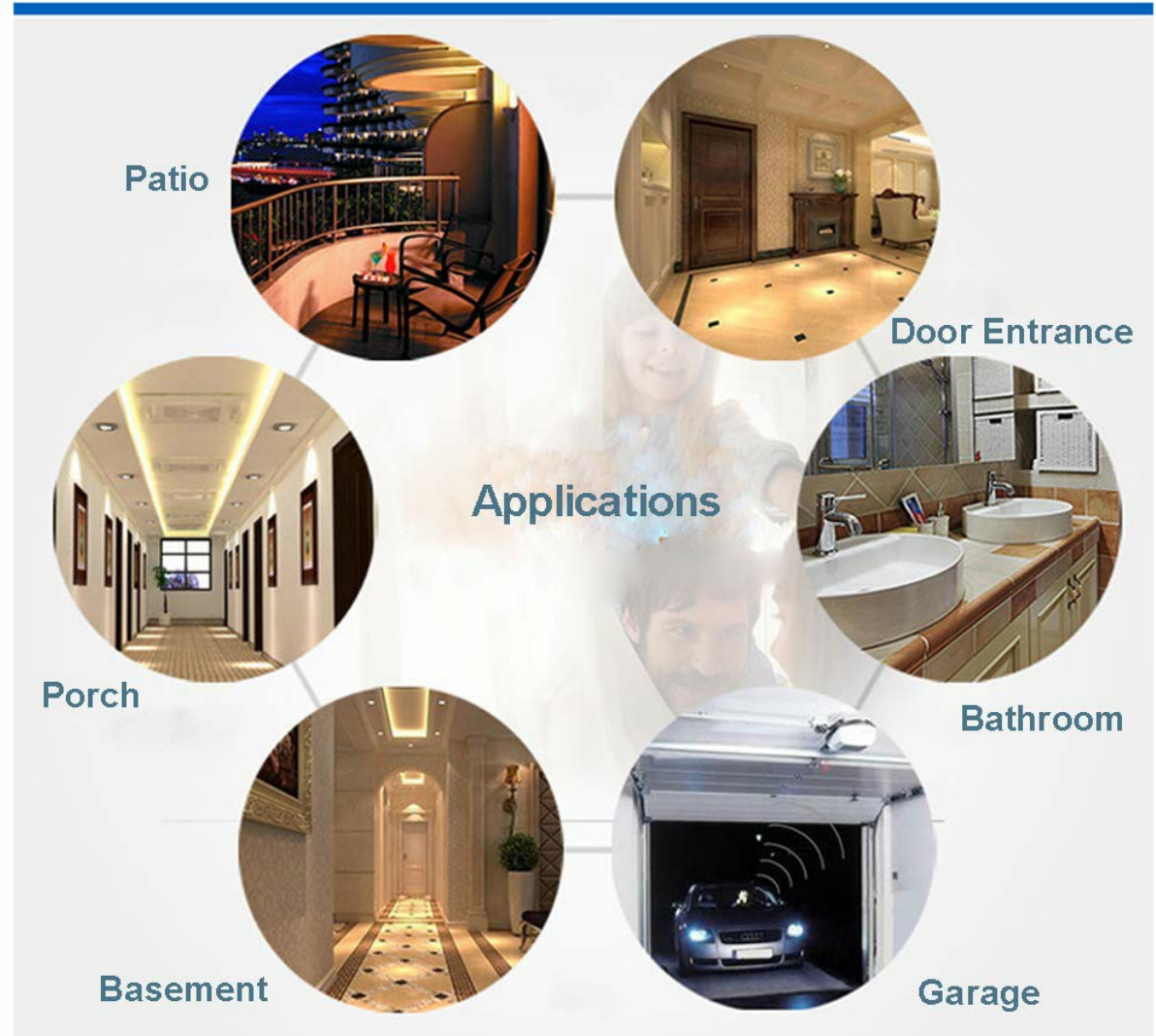


Image: Examples of suitable locations for installing the motion sensor light socket.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	<ol style="list-style-type: none"> 1. Power is off. 2. Bulb is faulty or not screwed in properly. 3. LUX setting is too high (sensor thinks it's daytime). 4. No motion detected within range. 	<ol style="list-style-type: none"> 1. Check circuit breaker and light switch. 2. Replace bulb or ensure it's securely screwed in. 3. Adjust LUX setting towards the "moon" icon. 4. Ensure movement is within the sensor's detection area.
Light stays on continuously.	<ol style="list-style-type: none"> 1. Continuous motion in detection area. 2. TIME setting is too long. 3. Sensor is obstructed or faulty. 	<ol style="list-style-type: none"> 1. Ensure no constant movement. Remove pets or objects. 2. Adjust TIME setting to a shorter duration. 3. Check for obstructions. If persistent, contact support.

Problem	Possible Cause	Solution
Light turns on during the day.	LUX setting is too low (sensor thinks it's dark).	Adjust LUX setting towards the "sun" icon.
Detection range is poor.	<ol style="list-style-type: none"> 1. Incorrect installation height. 2. Obstructions blocking sensor. 3. Extreme cold temperatures. 	<ol style="list-style-type: none"> 1. Ensure installation height is 8-10 feet. 2. Remove any objects blocking the sensor's view. 3. Note: Sensor performance may be affected by temperatures below -4°F (-20°C).

11. SPECIFICATIONS

- **Model Number:** G3373_AM
- **Power Source:** 110V-240V AC
- **Rated Load:** Max 60W (E26/E27)
- **Detection Range:** 360° (Horizontal), 90° (Downward)
- **Detection Distance:** 6-16 ft (2-5 meters)
- **Time Delay:** Adjustable from 10 seconds to 5 minutes (300 seconds)
- **Ambient Light:** Adjustable from 3-2000 LUX
- **Working Temperature:** -4°F to 104°F (-20°C to 40°C)
- **Installation Height:** 6.5-11.5 ft (2-3.5 meters)
- **Material:** Plastic
- **Dimensions:** 5 x 2.4 x 2.4 inches; 2.39 ounces

12. WARRANTY AND SUPPORT

LPHUMEX offers a **12-month hassle-free replacement warranty** for this motion sensor light socket. If you encounter any problems with your order or the product, please do not hesitate to contact our customer support team directly. We are committed to responding within 24 hours to assist you. For support, please refer to the contact information provided with your purchase or visit the official LPHUMEX store on Amazon: [LPHUMEX Amazon Store](#)

13. OFFICIAL PRODUCT VIDEOS

Watch these official videos from the seller for additional guidance and demonstrations:

Motion Sensor Light Socket Demonstration

Your browser does not support the video tag.

Description: A brief demonstration of the motion sensor light socket in action, showing its automatic light activation.

