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OxyLED S101

OxyLED S101 Motion Activated LED Strip Bed Lights

Instruction Manual

Introduction

The OxyLED S101 Motion Activated LED Strip Bed Lights provide a warm, soft glow designed to illuminate your path in the dark without causing disturbance. This system features a motion sensor and an adjustable timer for efficient power usage. It is suitable for various indoor applications beyond just under-bed lighting.

Package Contents

Please verify that all components are present in your package:

- 1 x LED Light Strip
- 1 x Smart Sensor
- 1 x Battery Box
- 1 x USB Cable



Image: All components included in the OxyLED S101 Motion Activated LED Night Light Strip package.

Features

- **Smart Nightlight:** Provides a warm, soft glow to guide you in the dark without disturbing others.
- **Motion Activated:** Built-in Passive Infrared (PIR) motion sensor automatically turns on the light upon detecting movement in dark environments.
- **Adjustable Timer:** Automatic shut-off timer can be set from 30 seconds to 10 minutes. The light remains on if continuous motion is detected.
- **Versatile Application:** Suitable for under-bed lighting, stairways, cabinets, cupboards, sofas, and other furniture.
- **Power Options:** Can be powered via USB or batteries.

Setup & Installation

1. **Prepare Surface:** Ensure the surface where the LED strip and sensor will be mounted is clean, dry, and smooth.
2. **Mount LED Strip:** Remove the adhesive backing from the LED light strip and firmly press it onto the desired location (e.g., under the bed frame).
3. **Position Motion Sensor:** Attach the smart sensor to a location where it can effectively detect movement, such as the outer edge of the bed frame, ensuring its detection range covers the area where you step out of bed. The sensor has a 120-degree detection

angle and a range of approximately 3.5 meters (11.5 feet).



Image: The PIR motion and light sensor, showing the adjustable time dial on the back.



Image: Diagram illustrating the motion sensor's 120-degree detection angle and 3.5-meter range.

4. **Connect Components:** Connect the LED light strip to the smart sensor, and then connect the smart sensor to either the battery box (insert 4 AAA batteries, not included) or the USB cable for power.
5. **Adjust Timer:** Remove the back cover of the smart sensor to access the adjustable timer dial. Set the desired illumination duration from 30 seconds to 10 minutes.



Image: An example of the LED strip installed under a bed, providing a soft, ambient light on the floor.



Image: A close-up view of the warm white LED strip lights, showing the individual LED bulbs.

Operation

- The LED strip will automatically activate when the motion sensor detects movement in a dark environment.
- The light will remain on for the duration set on the adjustable timer (30 seconds to 10 minutes).
- If continuous motion is detected within the sensor's range, the timer will reset, and the light will stay on until no motion is detected for the set duration.
- The light will not activate in well-lit conditions to conserve energy.

Maintenance

- Keep the LED strip and motion sensor clean by wiping with a dry, soft cloth. Avoid using abrasive cleaners or solvents.
- If using battery power, replace batteries when the light output diminishes or the system stops responding. Ensure correct battery polarity.
- Ensure the motion sensor lens is clear of obstructions for optimal performance.

Troubleshooting

- **Light not turning on:**
  - Check power source: Ensure batteries are correctly installed and charged, or the USB cable is securely connected to a working power adapter.
  - Verify ambient light: The sensor is designed to operate in dark conditions. Test in a completely dark room.
  - Check sensor placement: Ensure the sensor is positioned to detect movement in the desired area and is not obstructed.
- **Light not turning off:**
  - Check for continuous motion: Ensure there is no constant movement within the sensor's range that might be resetting the timer.
  - Adjust timer setting: Verify the timer dial is set to the desired duration.
- **Inconsistent motion detection:**
  - Clean sensor lens: Dust or debris on the sensor lens can affect performance.
  - Reposition sensor: Adjust the angle or location of the sensor to optimize detection.

Specifications

Brand	OxyLED

Model Number	S101-2
Color	Warm White
Indoor/Outdoor Usage	Indoor
Light Source Type	LED
Power Source	Battery Powered (or USB)
Wattage	2.4 watts
Water Resistance Level	Not Water Resistant

Warranty & Support

For warranty information or technical support, please refer to the contact details provided with your product packaging or visit the official OxyLED website. Keep your purchase receipt for warranty claims.

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