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OB-1WI3-3H04 MOTION SENSOR
SECURITY LIGHT

Ollivage OB-1WI3-3H04 Motion Sensor Security Light Instruction Manual

Contents

Ollivage OB-1WI3-3H04 Motion Sensor Security Light

INTRODUCTION

A dependable and energy-efficient solar-powered lighting option, the Ollivage OB-1WI3-3H04 Motion Sensor Security Light is made to improve the security of your house or yard. This multipurpose LED light, which costs $17.99, has a motion sensor that detects movement and immediately illuminates the area, providing convenience and security. With its 500 Lux brightness, it guarantees a bright, clean light when it's most needed. You may change the light's orientation to fit your needs thanks to a 360° adjustable solar panel and light spot. With a Li-ion battery that lasts up to two years, the Ollivage OB-1WI3-3H04 is a low-maintenance option for outdoor lighting that is suitable for any season. This security light, which was introduced on March 29, 2019, is ideal for increasing visibility in garden areas, driveways, and walkways. The one-year warranty provides protection against manufacturing flaws and guarantees piece of mind.
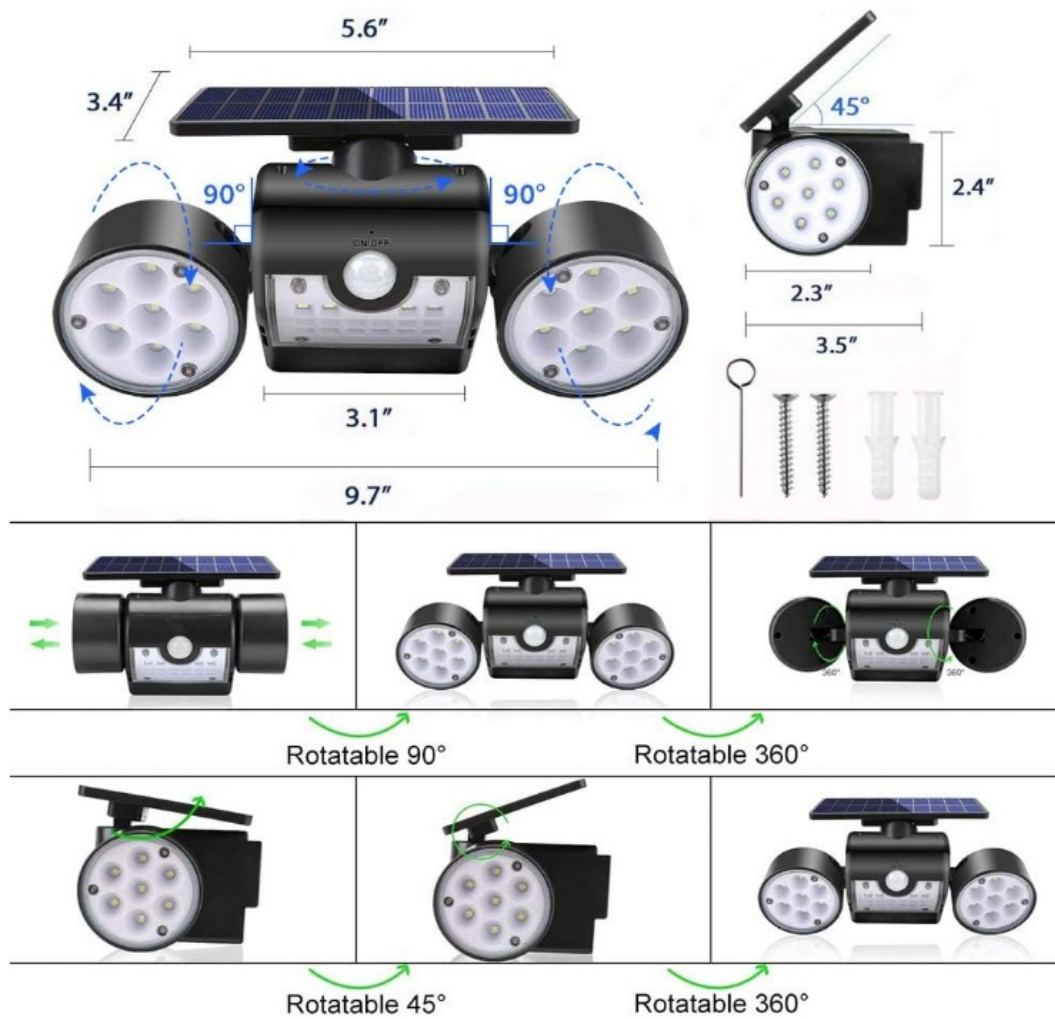
SPECIFICATIONS

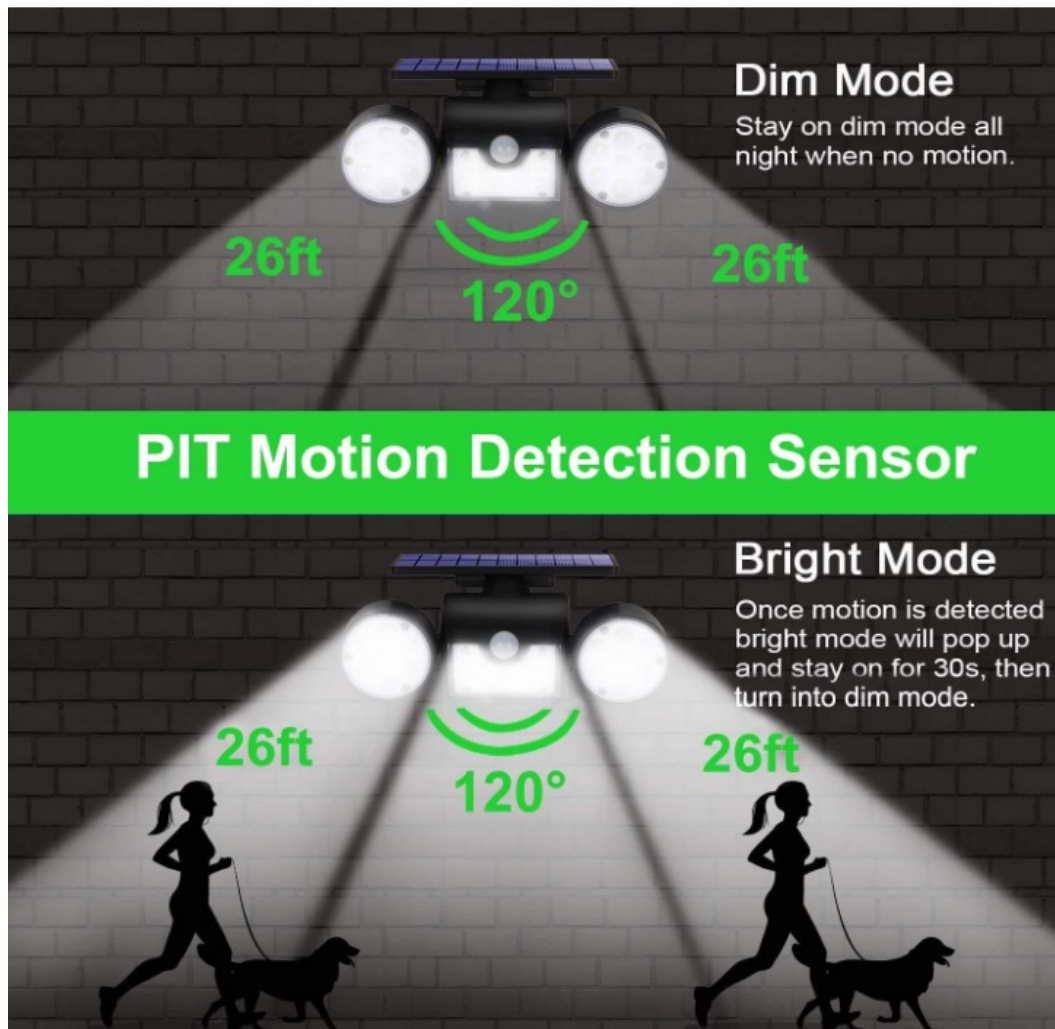|	
Brand	Ollivage
Price	$17.99
Product Dimensions	5 L x 10 W x 3 H inches
Power Source	Solar Powered
Control Method	Remote
Light Source Type	LED
Shade Material	Acrylonitrile Butadiene Styrene
Voltage	3.7 Volts
Wattage	3 watts
Controller Type	Push Button
Brightness	500 Lux
Mounting Type	360° solar panel, 360° rotatable spot
Manufacturer	Ollivage
Part Number	OB-1WI3-3H04
Item Weight	14.9 ounces
Coverage	400 sq.ft
Average Battery Life	2 years
Specific Uses For Product	Pinhole switch, Auto-identify day or night, Overcharging protection, Overdischarging protection, Overcurrent protection, Short circuit protection, LED span life of 50,000 hours, Solar panel span life of over 5 years
Warranty Description	1 year warranty
Date First Available	March 29, 2019

WHAT'S IN THE BOX

- Security Light
- Manual

PRODUCT DIMENSIONS

Rotatable 90°

Rotatable 360°

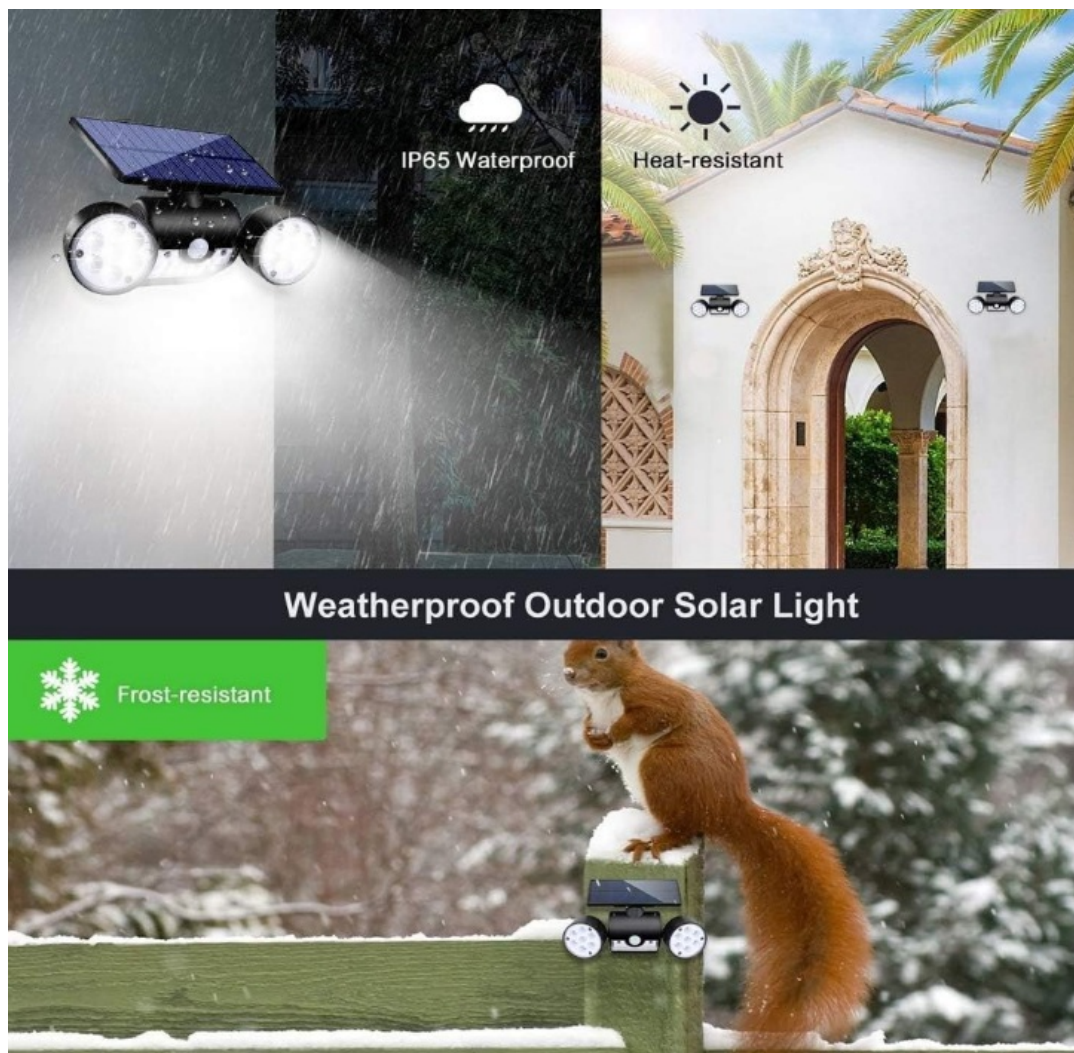Rotatable 45°

Rotatable 360°

FEATURES

- **PIR Motion Sensor**: At night, the light automatically turns on and stays in DIM mode until motion is sensed. After 30 seconds of lightening, it switches back to DIM mode.

- **Two Lighting Modes**: To ensure energy efficiency and security, the lamp includes two modes: bright mode when motion is detected, and DIM mode for all-night dim lighting.
- **Extremely Bright LED Lights**: The motion sensor security light's 30 LED lights provide strong lighting with a 500 Lux brightness, improving safety and visibility.
- **360° Rotatable Heads**: With the light's three fully rotatable heads, you can change the spotlights' direction to illuminate a wider area and get the best results.
- **IP65 Waterproof**: The light is ideal for year-round outdoor use because it is made to withstand all weather conditions, including heat, snow, and rain.

Weatherproof Outdoor Solar Light

- **Energy-efficient Solar-Powered**: The light is solar-powered, which lowers electricity expenses and uses renewable energy to provide an economical and environmentally responsible lighting solution.
- **Long Battery Life**: With an average lifespan of up to two years and the capacity to tolerate 500 charge cycles, the integrated Li-ion rechargeable battery guarantees long-lasting performance.
- **Low Light Charging**: The light is dependable in a range of weather circumstances because of its high-efficiency solar panel, which enables it to charge even on overcast or dimly lit days.
- **Automatic Day/Night Function**: The light understands when it is day or night and automatically modifies its function, turning on at dusk and off during the day.
- **Broad Coverage Area**: The solar motion sensor light is perfect for lighting expansive spaces like patios, gardens, and driveways because it can illuminate an area up to 400 square feet.
- **Sturdy Construction**: The light's long-term functionality is guaranteed by its acrylonitrile butadiene styrene (ABS) construction, which makes it extremely resilient to impact.
- **Protection Against Overcharge and Overdischarge**: The light has built-in safeguards against overcharging, over discharging, overcurrent, and short-circuiting, which improve durability and safety.
- **50,000-Hour LED Lifespan**: With a 50,000-hour lifespan, the LED lights will continue to function consistently and require fewer replacements over time.
- **Simple Remote Control**: No complex setup is necessary because the light is controlled by a straightforward push button on the solar panel.

SETUP GUIDE

- **Unpack the Light**: Start by taking the solar motion sensor light and all of its parts—such as the mounting hardware and solar panel—out of the box.
- **Pick the Perfect Spot**: To guarantee that the solar panel gets enough sunshine for effective charging, pick an outside spot with lots of direct sunlight.
- **Installing the Solar Panel**: Make sure it is angled to receive the most sunlight possible all day long.

- **Mount the Light Fixture**: Use the included mounting bracket and screws to fasten the light to the wall or other desired surface. Verify the stability of the fixture.
- **Turn on the On/Off Switch**: To turn on the lighting system prior to installation, press the button on the back of the solar panel.
- **Adjust the Heads**: The three spotlights can be turned 360 degrees to provide the best possible coverage. Point each head in the direction you want to light up.
- **Position the Light for Coverage**: By varying the angles of the heads, make sure the light is positioned to illuminate a wide area, like a driveway, garden, or entryway.
- **Check for Obstructions**: Make sure that nothing that could block sunlight or interfere with motion detection, such as furniture or trees, is in the way of the light or solar panel.
- **Test the Motion Sensor**: To make sure the motion sensor recognizes your movement and turns on bright mode when triggered, test it by walking in front of the light.
- **Ensure Proper Solar Charging**: During the day, make sure the solar panel receives enough sunlight and is not shaded.
- **Secure the Wiring (if applicable)**: To prevent damage or disconnection, make sure that any wires used in the setup are securely fastened and connected correctly.

- **Verify Correct Function**: After installation, make sure the light goes on automatically at nightfall and off at dawn by checking its performance at night.
- **Set the Light to the Desired Mode**: Adapt the lighting mode (bright or dim) to your security requirements. In response to movements, it will automatically adapt.
- **Verify Easy Access to the Switch**: Position the light fixture and solar panel so that the on/off switch is conveniently located for any future modifications.
- **Last Verification**: Verify that the light is placed firmly and that all parts are operating as intended.

CARE & MAINTENANCE

- **Frequent Cleaning of the Solar Panel**: To prevent dust, grime, or debris from impairing the solar panel's capacity to charge, clean it on a frequent basis with a soft cloth.
- **Check for Obstructions**: Make sure the solar panel is not blocked by any branches or debris, as this could keep it from getting enough sunlight to charge effectively.
- **Check Motion Sensor Sensitivity**: Make sure the motion sensor is still correctly detecting movement and turning on the light by testing it on a regular basis.
- **Clean the Light Fixture**: Make sure there is no accumulation of dust or grime that could impair the light fixture's functionality by wiping it down with a moist cloth.
- **Examine the Battery**: The battery's ability to hold a charge may deteriorate over time. Replace the battery if the light isn't remaining on for as long as it should.
- **Periodically Modify Light Angles**: To guarantee the best coverage area and optimize security lighting, modify the spotlights' angle as needed.
- **Eliminate Snow and Ice in Winter**: In colder regions, make sure that no snow or ice builds up on the light or solar panel, as this may interfere with its functionality.
- **Store in Extreme Weather**: To prevent potential damage, turn off the light for a short while if severe weather, such as storms, is predicted.
- **Examine for Water Damage**: To make sure the waterproofing is still in place, periodically inspect the lamp for any signs of water damage, particularly following a period of intense rain.
- **Replace the LED Lights**: Although LED lights have a long lifespan (50,000 hours), if they begin to flicker or dim too soon, you may want to replace them.
- **Follow Correct Charging Instructions**: To protect the battery, make sure you follow the right charging instructions and don't leave the light in direct sunlight for long periods of time.
- **Maintain the Motion Sensor**: Make sure there are no obstacles in the way of the motion sensor's view, which could impair its performance.
- **Store During Off-Seasons**: To shield it from harsh temperatures, keep it in a dry, safe location during seasons like winter when the light isn't needed.
- **Test the Light Frequently**: Check that the motion sensor is functioning properly and that the light is operating as intended on a regular basis.
- **Keep the Space Around the Light Clear**: To avoid obstructing the light's path or sunshine, trim any vegetation or plants that are close to the light and solar panel.

TROUBLESHOOTING

Issue	Solution
Light is not turning on	Check if the solar panel is exposed to adequate sunlight.
Dim light output	Ensure the battery is fully charged and there's no dirt covering the panel.
Motion sensor not activating	Adjust the sensor sensitivity or check if the area is within its detection range.
Battery not holding charge	Replace the battery if it's over two years old or damaged.
Light flickers intermittently	Clean the solar panel and check for obstructions blocking the sunlight.
Sensor constantly triggering	Adjust the angle of the motion sensor to avoid false triggers from animals or wind.
No response to remote control	Check the remote control battery and ensure it's within range.
Waterproofing issues	Ensure that all seals around the light are intact and not damaged.
Solar panel not charging properly	Place the light in a sunnier location to maximize solar energy absorption.
Light not rotating	Ensure the 360° rotation mechanism is free of obstructions or dirt.

PROS & CONS

Pros

- Solar-powered, reducing energy consumption.
- Motion sensor for automatic lighting.
- Adjustable 360° solar panel and rotatable light spot.
- Built-in overcharge, over-discharge, and short-circuit protection.
- Long lifespan with LED lasting up to 50,000 hours.

Cons

- Only offers 500 Lux brightness, which may not be sufficient for larger areas.
- Battery life is 2 years, requiring replacement after some time.
- Solar panel efficiency of 17% might not be ideal in low sunlight regions.
- Might not perform well in areas with frequent cloudy days.
- Limited to 400 sq. ft. coverage, which may not be suitable for larger properties.

WARRANTY

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light comes with a **1-year warranty**, ensuring that customers receive support for any defects in materials or craftsmanship. The warranty covers repairs or replacements under the terms provided by the manufacturer, offering peace of mind with your purchase.

FREQUENTLY ASKED QUESTIONS

What is the control method used in the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light uses a remote control method, providing convenience and flexibility in adjusting the settings of your light.

What is the voltage of the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light operates at 3.7 volts, ensuring efficient power usage while providing a bright and consistent light.

What type of light source is used in the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light uses LED lighting, which is energy-efficient and long-lasting, offering superior brightness for your outdoor security needs.

What are the dimensions of the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light has dimensions of 5 inches x 10 inches x 3 inches, making it compact yet effective for security lighting.

How bright is the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light emits a brightness of 500 Lux, providing ample light for security and visibility in outdoor areas.

What is the wattage of the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light has a wattage of 3 watts, making it energy-efficient while still delivering a powerful lighting effect.

How long is the average battery life of the Ollivage OB-1WI3-3H04 Motion Sensor Security Light?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light has an average battery life of 2 years, ensuring long-term performance with minimal maintenance.

What type of battery does the Ollivage OB-1WI3-3H04 Motion Sensor Security Light require?

The Ollivage OB-1WI3-3H04 Motion Sensor Security Light is powered by a Li-ion battery, offering durability and long-lasting performance with over 500 charging cycles.

References

- **User Manual**