Brightever HSG-T22 LED Solar Sensor Light User Manual

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Brightever HSG-T22 LED Solar Sensor Light

INTRODUCTION

A cutting-edge outdoor lighting solution that combines durability and efficiency is the Brightever HSG-T22 LED Solar Sensor Light. This lamp, which is only $17.99, offers dependable illumination that is supplied by solar energy, guaranteeing both financial savings and environmental friendliness. The HSG-T22, which was introduced by Brightever on May 31, 2023, is ideal for lighting your driveway, patio, garden, or any other outside area. It turns on automatically when it detects motion. To improve safety and visibility, it emits bright, clean light from an astonishing 356 light sources with a strong 6000 Kelvin color temperature. It is perfect for all weather thanks to its waterproof design, and the integrated remote control provides versatility and convenience. The Brightever HSG-T22 LED Solar Sensor Light is the ideal option whether you want to increase security or give your yard some visual charm.

SPECIFICATIONS

Brand	Brightever
Price	$17.99
Control Method	Remote
Number of Light Sources	356
Warranty Type	1-year seller warranty
Lighting Method	LED
Controller Type	Remote Control
Switch Type	Push Button
Water Resistance Level	Waterproof
Color Temperature	6000 Kelvin
Product Dimensions	5.5 x 2 x 3.75 inches
Weight	0.63 ounces
Item Model Number	HSG-T22
Battery Type	1 Lithium Ion battery required
Date First Available	May 31, 2023
Manufacturer	Brightever

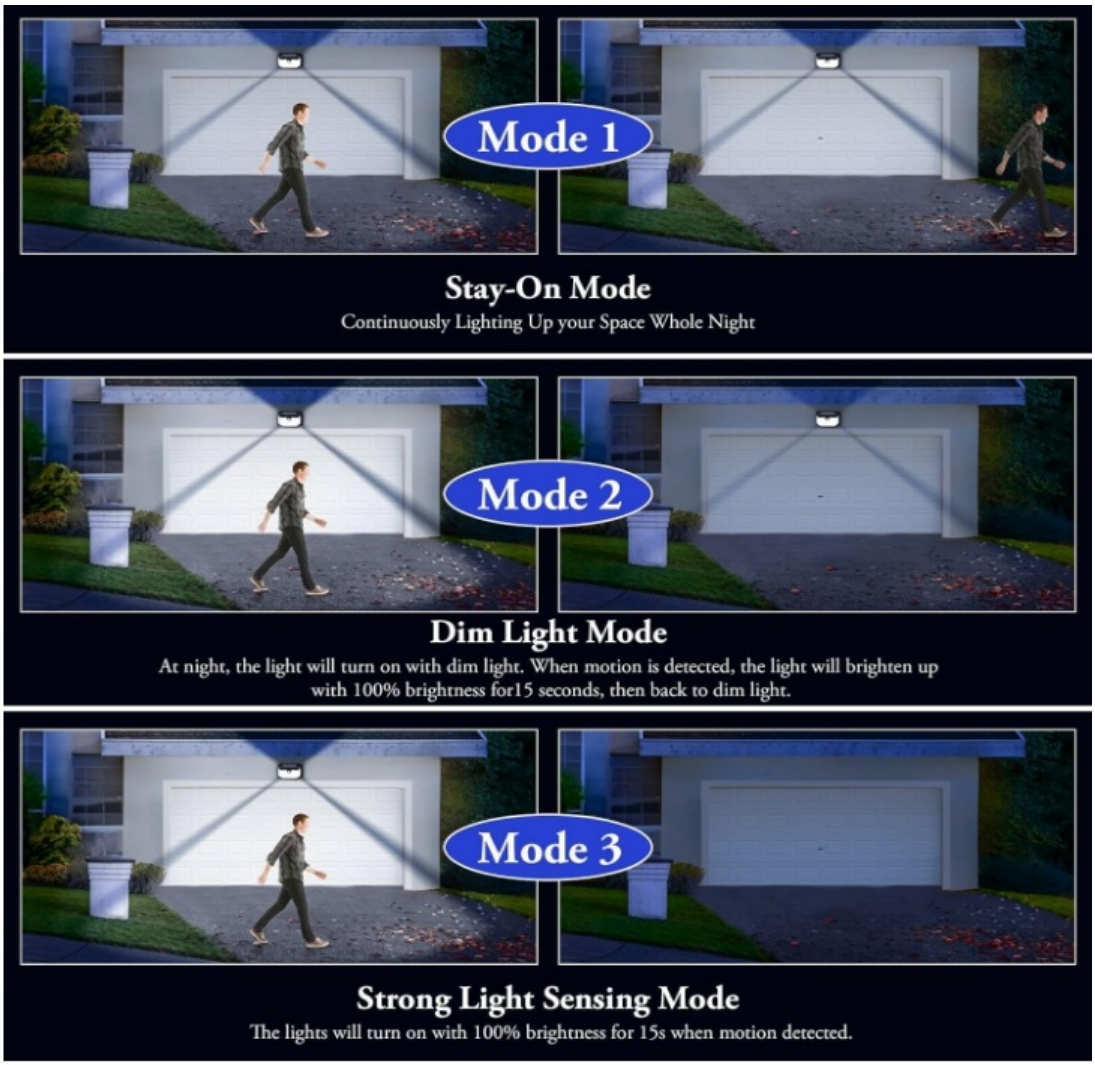
WHAT'S IN THE BOX

- LED Solar Sensor Light
- User Manual

FEATURES

- **Energy-efficient and solar-powered**: Equipped with an integrated rechargeable solar battery, it provides 8–10 hours of illumination after a full charge and eliminates the need for electricity.
- **Monocrystalline Silicon Solar Cells**: These solar cells guarantee quicker charging and more sustained brightness thanks to their remarkable conversion rate of up to 20.5%.
- **356 LED Lights**: With 356 LEDs (178 per light), these lights have enough brightness to properly light your outdoor area.
- **270° Lighting Angle**: A broad 270° lighting angle improves safety and visibility by covering a wider area.

- With a 120° detection angle and a broad motion detection range of up to 16 feet, the upgraded PIR motion detector increases security.
- **Three lighting modes**—Stay-on, Dim Light, and Strong Light Sensing—provide versatility for a range of illumination requirements.



- **Stay-on Mode**: For steady illumination, lights remain on all night.
- **Dim Light Mode**: When motion is detected, lights that are turned on at night with a dim brightness rise to full brightness for 15 seconds.
- **Strong Light Sensing Mode**: Saves electricity while not in use by only turning on when motion is sensed.
- **Waterproof Construction**: Constructed from high-quality ABS and plastic, these lights are resistant to heat, frost, and water and can endure a range of weather conditions.

- **Simple to Install**: Since no wiring is needed, installation is quick and easy.
- Both portable and fixed installation are possible, providing a variety of installation options for various outdoor spaces.
- **6000 Kelvin Color Temperature**: Improves nighttime visibility and security by producing bright white light that is comparable to daylight.
- For added convenience, a remote control enables users to adjust the lighting modes.

SETUP GUIDE

- **Unpack the Parts**: Gently take the solar lights out of the box and make sure that the remote control, screws, and manual are all there.
- **Choose the Installation Location**: To guarantee the best charging during the day, pick an area that gets direct sunshine.
- **Drill Holes for Mounting**: Mark and drill holes where the lights will be mounted using the supplied template.
- **Screw Mounting Brackets**: Attach the brackets to the wall by driving screws into the drilled holes.
- **Install the Light**: Make sure the light fixture is firmly attached by hanging it onto the mounting bracket.
- **Verify Solar Panel Orientation**: For optimal charging efficiency, position the light's solar panel to face direct sunlight.

- **Choose Lighting Mode**: To choose your favorite lighting mode (Stay-on, Dim lamp, or Strong Light Sensing), press the push button on the lamp or the remote control.
- **Modify Motion Sensor Range**: Make sure the PIR motion sensor is positioned and free of obstructions so that it can detect movement within the 16-foot and 120-degree range you have specified.
- **Test the Lights**: To make sure that motion detection and brightness activation are working properly, turn on the light and move around the sensor's range.
- Verify that there are no structures or objects obstructing the light's motion sensor or solar panel.
- **Secure the Installation**: Make sure the light fixture is securely fastened by tightening any loose screws.
- **Monitor Initial Charge**: For optimal brightness, let the lights to charge in direct sunshine for at least eight hours before to initial usage.
- **Modify Light Direction**: Aim the light at the area you like to brighten, such as a garden, driveway, or sidewalk.
- Verify the remote control's functionality to make sure it allows for easy mode change.
- **Confirm Proper Operation**: Test all settings and motion sensing features at night to make sure the lights are functioning properly.

CARE & MAINTENANCE

- **Clean the Solar Panel Frequently**: To ensure effective charging, wipe the solar panel with a gentle cloth or brush to get rid of dust and debris.
- **Examine LED Lights**: Make sure all LEDs are operating correctly on a regular basis and replace any that

aren't.

- **Tighten Mounting Screws**: To prevent loose fixtures, make sure the screws and mounting brackets are firmly in place.
- Keep the motion sensor clear of any debris that can impair its ability to detect, such as snow, leaves, or dirt.
- **Verify the Motion Sensor Range**: Make sure that nothing, particularly tall furniture or plants, is blocking the motion detection range.
- **Steer Clear of strong Cleaning Products**: To clean the light's surface, use water and mild soap instead of strong chemicals that can harm the casing.
- **Examine Water Resistance**: Verify that the light's waterproofing is in good condition by looking at the seals.
- **Change the Battery**: After a year or two of use, if the light's performance noticeably declines, think about changing the rechargeable battery.
- **Adjust for Optimal Sunlight Exposure**: For optimal charging performance, make sure the solar panel is always facing the sun.
- **Store During Extreme Weather**: To avoid damage, think about turning off the lights if there is a prediction for severe snowfall, storms, or extremely high temperatures.
- **Test Modes Occasionally**: Every few months, test the three lighting modes to ensure they are operating correctly.
- **Reposition as Necessary**: Take into consideration changing the lights' position or angle if you see that they are not sufficiently covering the region.
- **Replace Damaged Parts**: To ensure correct operation, replace any broken or damaged light components as soon as possible, such as the LEDs or housing.
- **Charge Frequently**: To preserve battery life, make sure the lights have regular exposure to sunlight, especially during the winter.
- **When Not in Use, Store Indoors**: When not in use for long periods of time during the season, store the lights indoors in a cool, dry location.

TROUBLESHOOTING

Issue	Possible Solution
Light not turning on	Ensure the solar panel is receiving enough sunlight. Clean the panel if dirty.
Dimming light	Check the battery level. Recharge or replace the battery as needed.
Light not detecting motio n	Ensure the sensor is not blocked or obstructed. Adjust the sensor angle if needed.
Remote control not worki ng	Check the battery in the remote and replace it if necessary. Ensure there's no obst ruction between the remote and sensor.
Water leaking into light	Verify that the light's sealing and waterproofing are intact. Tighten or reseal if need ed.
Short battery life	Check the position of the solar panel for proper exposure. Replace the battery if it' s expired.
Light is too dim at night	Ensure full sunlight exposure during the day to charge the battery.
Remote control response delay	Ensure you're within range of the light's sensor and that there's no interference.
Light flickering	Check the battery for corrosion or damage and replace it if necessary.
Light not responding to motion sensor	Re-position the light to a more appropriate spot for optimal motion detection.

PROS & CONS

Pros

- Solar-powered, energy-efficient, and eco-friendly.
- Waterproof design for reliable outdoor use.
- Remote control for easy operation.
- Provides bright 6000 Kelvin lighting, perfect for security.
- Affordable price for high-quality performance.

Cons

- Battery life may vary depending on weather conditions.
- Remote control can have limited range in certain conditions.
- May require occasional repositioning for optimal sunlight exposure.
- Some users may find the installation process slightly tricky.
- Limited to 356 light sources, which may not be ideal for larger areas.

WARRANTY

The Brightever HSG-T22 comes with a **1-year seller warranty**, ensuring peace of mind for buyers. If any defects or issues arise within this period, customers can expect a resolution, whether through a repair or replacement.

FREQUENTLY ASKED QUESTIONS

What is the Brightever HSG-T22 LED Solar Sensor Light?

The Brightever HSG-T22 LED Solar Sensor Light is a waterproof LED lighting solution with 356 light sources, offering efficient and remote-controlled illumination for outdoor spaces.

How many light sources are included in the Brightever HSG-T22 LED Solar Sensor Light?

The Brightever HSG-T22 LED Solar Sensor Light features 356 light sources, providing powerful and widespread lighting coverage.

What control method does the Brightever HSG-T22 LED Solar Sensor Light use?

The Brightever HSG-T22 LED Solar Sensor Light is operated using a remote control, allowing users to adjust its settings easily from a distance.

What is the color temperature of the Brightever HSG-T22 LED Solar Sensor Light?

The Brightever HSG-T22 LED Solar Sensor Light provides a color temperature of 6000 Kelvin, offering bright, daylight-like illumination.

What is the warranty for the Brightever HSG-T22 LED Solar Sensor Light?

The Brightever HSG-T22 LED Solar Sensor Light includes a 1-year seller warranty, ensuring product reliability and customer satisfaction.

What are the dimensions of the Brightever HSG-T22 LED Solar Sensor Light?

The Brightever HSG-T22 LED Solar Sensor Light measures 5.5 x 2 x 3.75 inches, making it a compact and efficient lighting option.

How is the Brightever HSG-T22 LED Solar Sensor Light powered?

The Brightever HSG-T22 LED Solar Sensor Light requires 1 Lithium Ion battery, which is efficient and long-lasting for consistent operation.

What is the weight of the Brightever HSG-T22 LED Solar Sensor Light?

The Brightever HSG-T22 LED Solar Sensor Light weighs 0.63 ounces, making it lightweight and easy to install or move as needed.

VIDEO – PRODUCT OVERVIEW

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https://manuals.plus/wp-content/uploads/2025/01/Brightever-HSG-T22-LED-Solar-Sensor-Light-User-Manual.mp4

References

- User Manual