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Philips 929004621413

Philips Solar Security Light Model 929004621413 User Manual

Solar-Powered Waterproof Wall-Mounted Flood Light with PIR Motion Sensor

1. PRODUCT OVERVIEW

The Philips Solar Security Light Model 929004621413 is a solar-powered, wall-mounted flood light designed for outdoor use. It features a PIR motion sensor, IP65 waterproof rating, and offers three distinct lighting modes to enhance security and illumination in various outdoor environments.



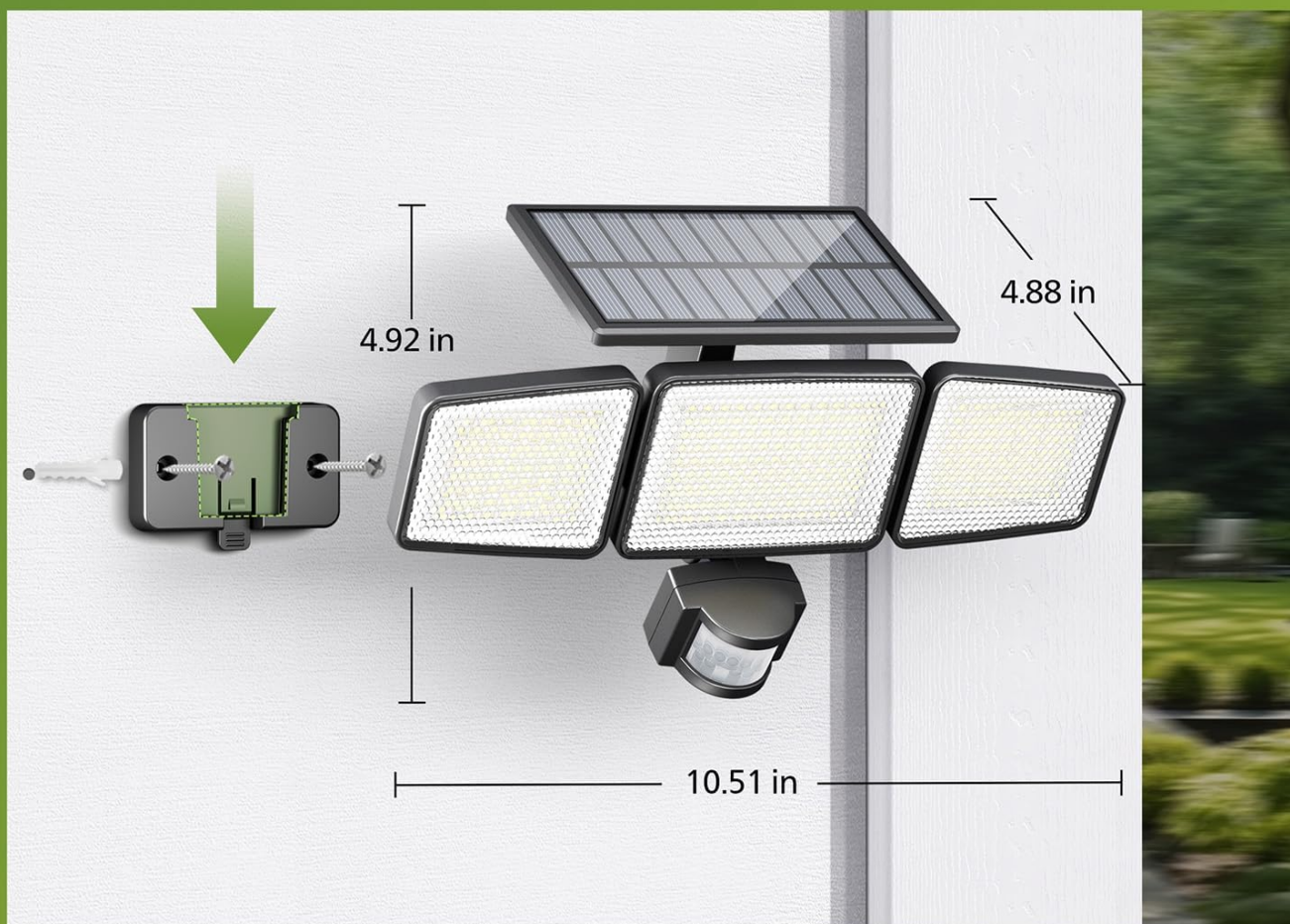
Image 1.1: Overview of the Philips Solar Security Light and its remote control.

2. PACKAGE CONTENTS

Please verify that all components are present in the package:

- Philips Solar Security Light Unit
- Solar Panel (integrated or separate, depending on model variant)
- Remote Control
- Mounting Hardware (screws, wall anchors)
- User Manual (this document)

Easy to install



Accessories included



x1



x2



x2

Image 2.1: Illustration of included accessories, including mounting bracket, screws, and wall anchors.

3. FEATURES

The Philips Solar Security Light offers several key features for reliable outdoor illumination:

- **High Brightness:** Equipped with high-brightness LEDs emitting 800 lumens at 6500K cool daylight color temperature.
- **PIR Motion Sensor:** Detects motion with a 180° detection angle and a maximum sensing range of 49.2 feet (15 meters).
- **3 Lighting Modes:** Customizable lighting options via remote control.
- **Upgraded Solar Panel:** Polycrystalline solar panel for enhanced durability and improved conversion rate.
- **High-Capacity Battery:** 2000 mAh battery for extended usage and shorter charging times.
- **IP65 Waterproof:** Tested for corrosion and rust resistance, suitable for various weather conditions.
- **Easy Installation:** No wiring required, comes pre-assembled with all necessary accessories.

Long lasting durability



High quality
solar panel



Long lasting
brightness



No wiring
required



Weather
proof



Corrosion
free



Integrated
motion sensor

Image 3.1: Visual representation of the light's durability and key features.

Highly sensitive motion sensor



Image 3.2: Depiction of the highly sensitive motion sensor's 180° detection angle and 49.2 ft sensing range.



High-quality solar panel

Long working time | High-capacity battery
8-10hrs | 1800mAh



Image 3.3: Close-up of the high-quality solar panel and information on the 1800mAh battery capacity and 8-10 hours working time.

4. SETUP AND INSTALLATION

The Philips Solar Security Light is designed for easy wall-mounted installation without the need for complex wiring.

4.1 Choosing an Installation Location

Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging of the solar panel. The light should be mounted at a height that allows the motion sensor to cover the desired area effectively.

4.2 Installation Steps

1. Mark the desired mounting position on the wall.
2. Drill pilot holes using an appropriate drill bit for the provided wall anchors.
3. Insert the wall anchors into the drilled holes.
4. Align the mounting bracket of the light unit with the holes and secure it using the provided screws.

5. Ensure the solar panel is positioned to receive maximum sunlight.

Note: The light comes pre-assembled. No additional wiring is required.

5. OPERATING INSTRUCTIONS

The Philips Solar Security Light features three lighting modes, which can be selected using the included remote control.

5.1 Initial Activation

Upon first use, ensure the solar panel has been exposed to direct sunlight for at least 8 hours to fully charge the battery. The light will automatically turn on at dusk once charged.

5.2 Lighting Modes

Use the remote control to switch between the following modes:

- **Mode 1 (Sensor Mode):** The light remains off (0% brightness) until motion is detected. Upon detection, it illuminates at 100% brightness for approximately 20-25 seconds, then turns off.
- **Mode 2 (Dim + Sensor Mode):** The light stays on at a low brightness (2-3% brightness) continuously from dusk. When motion is detected, it brightens to 100% for approximately 20-25 seconds, then returns to dim brightness.
- **Mode 3 (Dim Mode):** The light stays on at a constant 10% brightness from dusk until dawn or until the battery depletes (approximately 4-10 hours).

3 Lighting modes



Sensor mode ▶



① No motion: stays off; ② Motion detected: 100% brightness (1200lm)(25s)

Dim mode ▶



Always on with 10% brightness (120lm) (8-10h)

Dim + sensor mode ▶



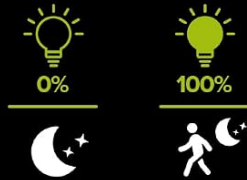
① No motion: 3% brightness (36lm); ② Motion detected: 100% brightness (1200lm)(25s)

Image 5.1: Visual explanation of the three lighting modes: Sensor Mode, Dim Mode, and Dim + Sensor Mode.

3 Lighting modes

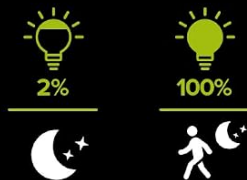


Sensor mode ▶



①No motion: **stays off**;②Motion detected:**100% brightness (800lm)(20s)**

Dim + sensor mode ▶



①No motion: **2% brightness (16lm)**;②Motion detected: **100% brightness (800lm)(20s)**

Tips: switch to sensor mode after 6 hours.

Dim mode ▶



Always on with 10% brightness (80lm) (4hr)

Tips: switch to sensor mode after 4 hours

Image 5.2: Detailed illustration of the three lighting modes, including brightness levels and activation conditions.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your solar security light.

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption. Ensure the panel is clean for efficient charging.
- **Inspect for Damage:** Regularly check the light unit and solar panel for any physical damage or loose connections.
- **Battery Care:** While the battery is designed for long life, prolonged periods of low sunlight may affect performance. Ensure the light receives adequate charging.

7. TROUBLESHOOTING

If you encounter issues with your Philips Solar Security Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar panel charging.	Ensure the solar panel is in direct sunlight for 6-8 hours daily. Clean the solar panel.
Light is dim or only stays on for a short period.	Battery not fully charged or aging battery.	Relocate the solar panel for better sun exposure. Allow several sunny days for full charge.
Motion sensor not detecting movement.	Sensor obstructed or incorrect angle.	Clear any obstructions in front of the sensor. Adjust the sensor angle (up to 180°).
Remote control not working.	Battery in remote is dead or remote is out of range.	Replace the remote control battery. Ensure you are within effective range of the light.

8. SPECIFICATIONS

Specification	Detail
Brand	Philips
Model Number	929004621413
Light Source Type	LED
Brightness	800 lumens (max)
Light Color	Cool White (6500K)
Power Source	Solar Powered
Battery Capacity	2000 mAh
Water Resistance Level	IP65 Waterproof
Motion Sensor Detection Angle	180°
Motion Sensor Sensing Range	Up to 49.2 ft (15 m)
Installation Type	Wall Mount
Included Components	Mounting Hardware, Remote Control

Reliable solar-powered security light



Philips

302 LED

1200lm

180°

49.2ft

65.6ft

Adjustable
(180°)



Others

138 LED

900lm

120°

26.25ft

49.2ft

Fixed

LED units

Brightness

Sensing angle

Sensing range

Lighting rang

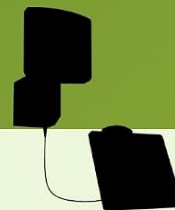
Sensor angle

Image 8.1: Comparison of Philips light specifications (e.g., 302 LED units, 1200lm brightness, 180° sensing angle) against other products.

Solar-powered security light



Philips



Others

Brightness

800lm

400lm

Lighting modes

3

1

Battery capacity

2000 mAh

1200 mAh

Waterproof rating

65

44

Remote control

With

Without

Sensing angle

120°

90°

Installation method

2

1

Image 8.2: Further comparison highlighting brightness (800lm), 3 lighting modes, 2000 mAh battery, IP65 rating, remote control, and 120° sensing angle.

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Philips website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, visit the Philips support page or contact their customer service department.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question