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Philips 7601909012

Philips 44W 4200 lm Motion Sensor LED Security Light Outdoor Instruction Manual

Model: 7601909012

1. PRODUCT OVERVIEW

The Philips 44W 4200 lm Motion Sensor LED Security Light is designed for outdoor use, providing bright and efficient illumination. This 2-pack floodlight features a Passive Infrared (PIR) motion sensor, 5000K daylight color temperature, and is built to withstand various weather conditions. Its adjustable heads and multiple operating modes offer versatile lighting solutions for your property.



Image: Philips 44W 4200 lm Motion Sensor LED Security Light (2-pack) in black.

2. SAFETY INFORMATION

- Always turn off power at the circuit breaker before installation or servicing.
- Consult a qualified electrician if you are unsure about the installation process.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not attempt to modify the product. Any modifications may void the warranty and create safety hazards.
- Keep children away from the installation area.

3. WHAT'S IN THE BOX

Each Philips 44W 4200 lm Motion Sensor LED Security Light package includes the following components:

- LED Security Light Fixture (2 units for this pack)
- LED Lens
- Mounting Hardware (screws, wire nuts, mounting plate, rubber plug, gasket)



Image: Included accessories for installation.

4. FEATURES

- **High Brightness & Wide Beam Angle:** Emits 4200 lumens with a 5000K cool daylight color temperature. Two adjustable heads provide customizable coverage.
- **High-Sensitivity PIR Sensor:** Detects motion within a 0-69ft range and 180° induction angle. Lighting time is adjustable from 1-10 minutes.
- **4 Lighting Modes:** Includes Test Mode, Security Mode, Dusk to Dawn Mode, and Manual Override Mode (always-on at 80% brightness for up to 6 hours).
- **Durable & Weatherproof:** Constructed with aluminum lamp material, tested for corrosion and rust resistance, and rated IP65 for various weather conditions.
- **Energy-Saving LED:** Integrated LED design eliminates bulb replacement and reduces electricity costs by up to 80% compared to 220W incandescent fixtures.
- **Adjustable Head Design:** Customize each light head's angle to suit specific lighting needs.



Image: Key features of the Philips security light.

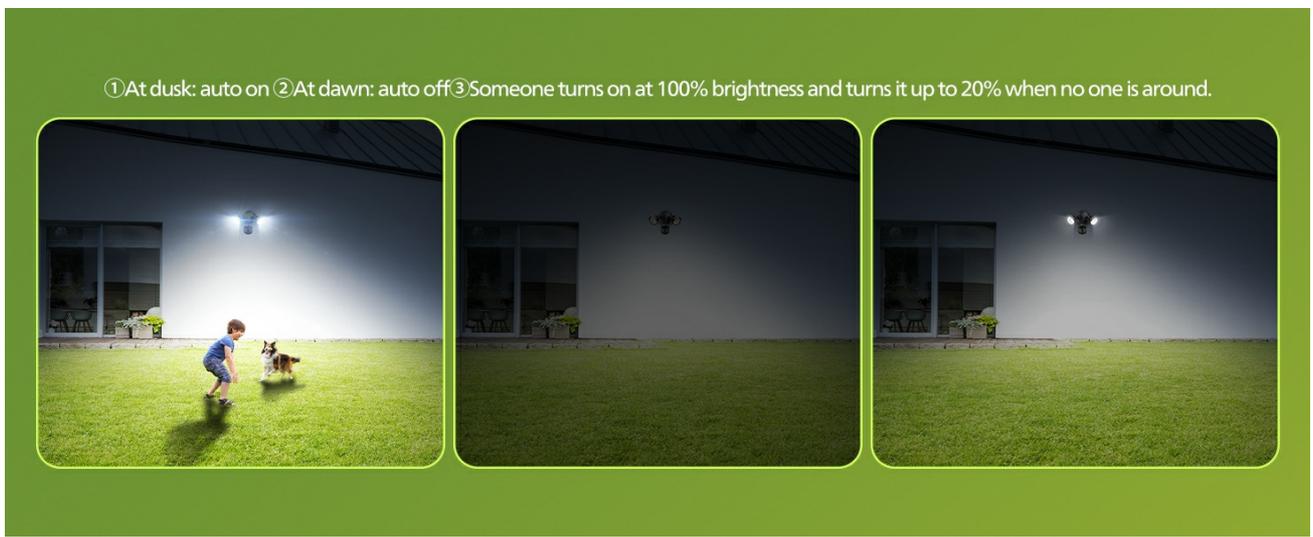
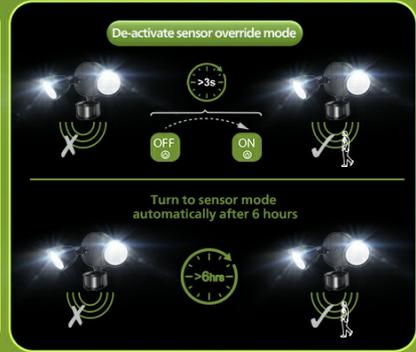


Image: Adjustable head design for flexible lighting coverage.

① Override mode: always on with 80% brightness for 6 hour ② sensor override mode



*① Switch on and off 2 times in 3 seconds to activate the 6-hour long-lasting light mode.
② Switch off and on in more than 3 seconds to de-activate sensor override mode.

Image: Aluminum construction for durability and heat dissipation.

5. INSTALLATION

The Philips security light is designed for easy installation. It requires hardwiring; a junction box is not included. Follow these general steps for installation:

1. **Prepare Wiring:** Ensure power is off at the circuit breaker. Connect the ground wire (green) from the light fixture to the ground wire in the junction box.
2. **Connect Wires:** Connect the white wire (neutral) from the light fixture to the white wire from the junction box using a wire nut. Connect the black wire (live) from the light fixture to the black wire from the junction box using a wire nut.
3. **Mounting Plate:** Secure the mounting plate to the junction box.
4. **Attach Fixture:** Align the light fixture with the mounting plate and secure it with the provided screws. Ensure a tight seal between the lamp and the wall to enhance water resistance.
5. **Seal:** Apply sealant around the fixture base to prevent water leakage.
6. **Adjust Heads:** Adjust the light heads and motion sensor to your desired angles.

Recommended installation height: 8.2 ft.

Switch Tips

Adjustable sensing distance and lighting time

1 Sensing range	2 Activated lighting time
L=0-20ft	1 minute
M=0-39ft	3 minutes
H=0-69ft	10 minutes

Image: Easy installation steps for the security light.



Adjustable Head Design

Customize each angle individually to suit your needs.



Image: Two common mounting methods: eave and wall mounting.

Installation Video



Video: Detailed installation guide for high-voltage products, demonstrating wiring and mounting procedures.

6. OPERATING MODES

The Philips security light offers four distinct operating modes to suit various needs:

4 Lighting modes



Test mode

Can be activated in both daytime and nighttime



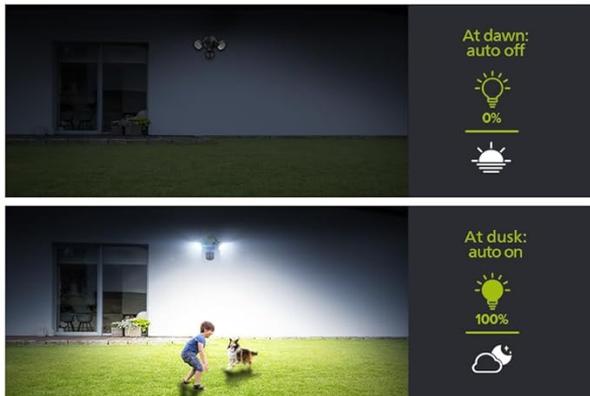
Sensor mode

Can only be activated in the nighttime



Dusk-to-dawn mode

Can only be activated in the nighttime



Override mode

can be activated in both daytime and nighttime

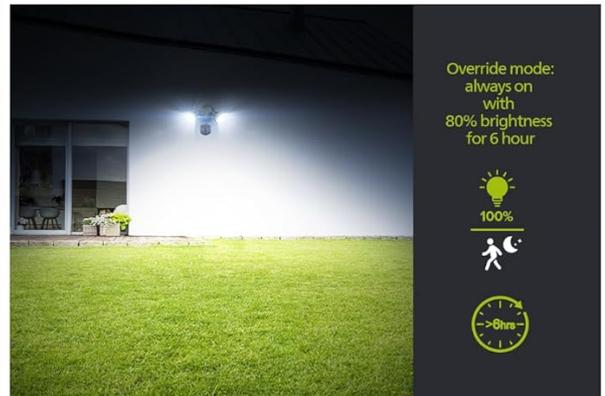


Image: Overview of the four available lighting modes.

1. **Test Mode:** Can be activated in both daytime and nighttime. When motion is detected, the light turns on for 5 seconds. If no motion, it stays off. This mode is useful for verifying sensor functionality and coverage area during installation.

Outdoor LED Security Light

Enjoy the outdoors more with high performance and lasting quality

- Aluminum body
- Long lasting brightness
- Hardwired required
- Weather proof
- Corrosion free
- Integrated motion sensor

Image: Test Mode operation.

- Security Mode:** Operates only at nighttime. When motion is detected, the light automatically turns on for a set duration (1, 3, or 10 minutes). If no motion, it stays off.



Image: Security Mode operation.

- Dusk to Dawn Mode:** Operates only at nighttime. The light automatically turns on at dusk and turns off at dawn. When motion is detected, the light brightens to 100% and then dims to 20% when no one is around.

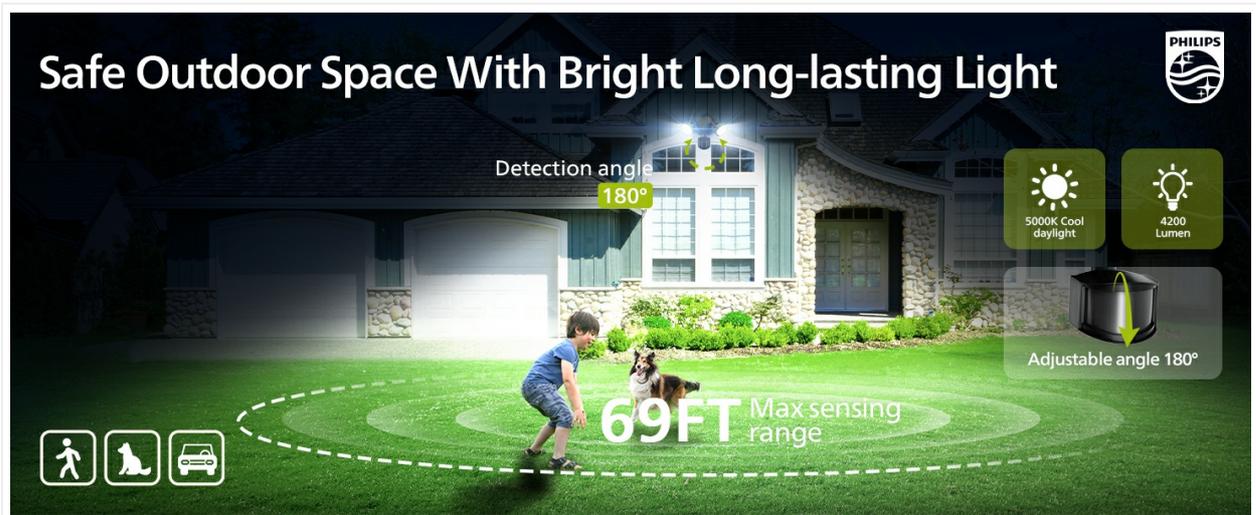


Image: Dusk to Dawn Mode operation.

- Manual Override Mode:** Can be activated in both daytime and nighttime. This mode keeps the light on at 80% brightness for a maximum of 6 hours. To activate, switch the light OFF and ON twice within 3 seconds. To deactivate, switch the light OFF and ON for more than 3 seconds, returning it to sensor mode. The brightness automatically dims from 100% to 80% after 12 minutes in this mode.

Override Mode



Activate sensor override mode



* Switch on and off 2 times in 3 seconds to activate the 6-hour long-lasting light mode.



* The brightness automatically dims from 100% to 80% after 12 minutes.

De-activate sensor override mode



* Switch off and on in more than 3 seconds to de-activate sensor override mode.



* Turn to sensor mode automatically after 6 hours.

Image: Manual Override Mode activation and deactivation.

7. ADJUSTING SETTINGS

The motion sensor allows for adjustment of both sensing distance and activated lighting time:

- **Sensing Distance:** Adjust the 'DISTANCE' dial on the sensor to set the detection range:
 - L (Low): 0-20 ft
 - M (Medium): 0-39 ft
 - H (High): 0-69 ft
- **Activated Lighting Time:** Adjust the 'TIME' dial on the sensor to set how long the light stays on after motion is detected:
 - 1 MIN: 1 minute
 - 3 MIN: 3 minutes
 - 10 MIN: 10 minutes

Adjustable sensing distance



Sensing range

L=0-20ft

M=0-39ft

H=0-69ft

Activated lighting time

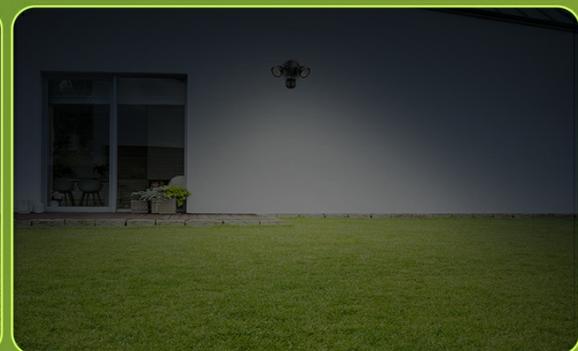
1 minutes

3 minutes

10 minutes

Image: Dials for adjusting sensing distance and lighting time.

①Motion detected:auto on for 1/3/10 minutes②No motion: stays off



*Can only be activated in the nighttime

Image: Switch tips for adjusting sensor settings.

8. MAINTENANCE

To ensure optimal performance and longevity of your Philips security light, follow these maintenance guidelines:

- **Cleaning:** Periodically clean the light fixture and motion sensor lens with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose wiring, or wear. Ensure the sealant around the base remains intact to maintain its waterproof rating.
- **No Bulb Replacement:** This unit features integrated LED lighting, meaning there are no bulbs to replace.

9. TROUBLESHOOTING

If you encounter issues with your Philips security light, refer to the following common troubleshooting steps:

- **Light Not Turning On:**
 - Check the power supply at the circuit breaker.
 - Ensure the motion sensor is not obstructed.
 - Verify the operating mode settings (e.g., if in Security Mode, ensure it's dark enough).
 - Adjust the 'DISTANCE' and 'TIME' settings on the sensor.
- **Light Stays On Continuously:**
 - Check if the light is in Manual Override Mode. Refer to Section 6 for deactivation instructions.
 - Ensure the 'TIME' setting is not set too high.
 - Verify that there is no continuous motion within the sensor's detection range.
- **Motion Sensor Not Detecting:**
 - Ensure the sensor lens is clean and free from obstructions.
 - Adjust the 'DISTANCE' setting to a higher sensitivity.
 - Verify the sensor's angle and position to cover the desired area.
 - Test the sensor in 'Test Mode' to confirm functionality.

Product Video



Video: An overview of the Philips 44W 4200 lm LED Security Light with motion sensor, highlighting its features and benefits.

10. SPECIFICATIONS

Attribute	Value
Brand	Philips
Model Number	7601909012
UPC	046677607111
Color	Black
Material	Aluminum, Plastic
Light Fixture Form	Floodlight

Attribute	Value
Product Dimensions	6.69"L x 9.05"W x 9.45"H
Power Source	Corded Electric
Installation Type	Wall Mount
Special Features	Anti-Rust, Energy Efficient, Motion Sensor, Waterproof
Light Source Type	LED
Voltage	120 Volts
Light Color	Daylight
Number of Items	2
Wattage	44 watts
Switch Type	Motion Sensor
Water Resistance Level	Waterproof (IP65)
Brightness	4200 Lumen
Color Temperature	5000 Kelvin
Item Weight	4.2 pounds
Assembly Required	Yes

11. WARRANTY & SUPPORT

Philips products are manufactured to the highest quality standards. For warranty information, technical support, or service inquiries, please refer to the official Philips website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

For more information, visit the [Philips Store on Amazon](#).