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› Philips 72W 7400LM LED Flood Light Instruction Manual (Model 7600103012)

Philips 7600103012

Philips 72W 7400LM LED Flood Light Instruction Manual

MODEL: 7600103012

1. PRODUCT OVERVIEW

The Philips 72W 7400LM LED Flood Light is designed for outdoor use, providing bright and adjustable illumination for various areas such as yards, garages, and driveways. This hardwired security light features three adjustable heads, allowing for customizable light coverage. It is built with durable materials and is water-resistant, ensuring reliable performance in diverse weather conditions.



Image 1.1: Philips 72W 7400LM LED Flood Light and its packaging.

Key Features:

- **High Brightness:** Produces 7400 lumens of cool white light at 5000 Kelvin for extensive coverage.
- **Adjustable Heads:** Three rotatable heads allow for precise light direction and customizable coverage.
- **Switch Controlled:** Designed for full manual control via a wall switch (not motion-activated or dusk-to-dawn).
- **Durable Construction:** Features a robust aluminum body with heat dissipation fins for optimal performance and longevity.
- **Weather Resistant:** Tested for resistance to corrosion, rust, heavy rain, humidity, UV exposure, and extreme temperatures.



Image 1.2: Visual representation of the flood light's key features.

2. SAFETY INFORMATION

Please read and understand all instructions before installing or operating this product. Failure to follow these instructions may result in electric shock, fire, or other hazards that could cause personal injury or property damage.

- **Electrical Safety:** Always disconnect power at the circuit breaker or fuse box before installation, servicing, or removing the fixture. Ensure proper grounding to avoid potential electric shock.
- **Qualified Electrician:** If you are unsure about wiring or electrical connections, consult a qualified electrician.
- **Voltage Compatibility:** Ensure the power supply voltage is compatible with the fixture's requirements (120 Volts).
- **Mounting Surface:** Mount the fixture securely to a structurally sound surface that can support its weight.
- **Heat:** Do not touch the light fixture immediately after operation, as it may be hot. Allow it to cool before handling.
- **Modifications:** Do not modify the fixture in any way. Any modifications may void the warranty and create safety hazards.

3. PACKAGE CONTENTS

Verify that all components listed below are included in your package. If any parts are missing or damaged, please contact Philips customer support.

- Philips 72W 7400LM LED Flood Light (1 unit)
- Instruction Manual (1 unit)
- LED Lens (pre-installed)
- Mounting Hardware (includes mounting screws, wire nuts, mounting plate, rubber plug, gasket)



Image 3.1: Flood light dimensions and included accessories for installation.

4. INSTALLATION

Pre-Installation:

1. Turn off power at the circuit breaker before beginning installation.
2. Ensure the mounting location is suitable for outdoor use and can support the fixture.
3. Gather necessary tools (screwdriver, wire strippers, electrical tape, etc.).

Mounting Options:

This flood light supports two primary mounting methods: wall mounting and eave mounting.



Image 4.1: Wall mounting and eave mounting options for the flood light.

Wiring and Mounting Steps:

1. Attach the mounting plate to the junction box using the provided screws. Ensure the plate is securely fastened.
2. Connect the electrical wires: Connect the green ground wire from the fixture to the house ground wire. Connect the white neutral wire from the fixture to the house neutral wire. Connect the black hot wire from the fixture to the house hot wire. Secure connections with wire nuts.
3. Carefully tuck the wires into the junction box.

4. Align the flood light fixture with the mounting plate and secure it with the central screw. Ensure the gasket is properly seated to maintain water resistance.
5. Once mounted, adjust the three light heads to your desired angles. Each head can be angled individually to optimize light coverage.



Image 4.2: The adjustable head design allows for flexible light direction.

5. OPERATION

The Philips 72W 7400LM LED Flood Light is designed for simple, direct operation via a standard wall switch. It does not feature motion sensing, solar power, or dusk-to-dawn functionality.

Turning On/Off:

- To turn the light ON, flip the connected wall switch to the 'ON' position.
- To turn the light OFF, flip the connected wall switch to the 'OFF' position.

Adjusting Light Coverage:

The three adjustable heads allow you to direct light precisely where needed. Gently pivot each light head to achieve the desired illumination pattern for your outdoor space.

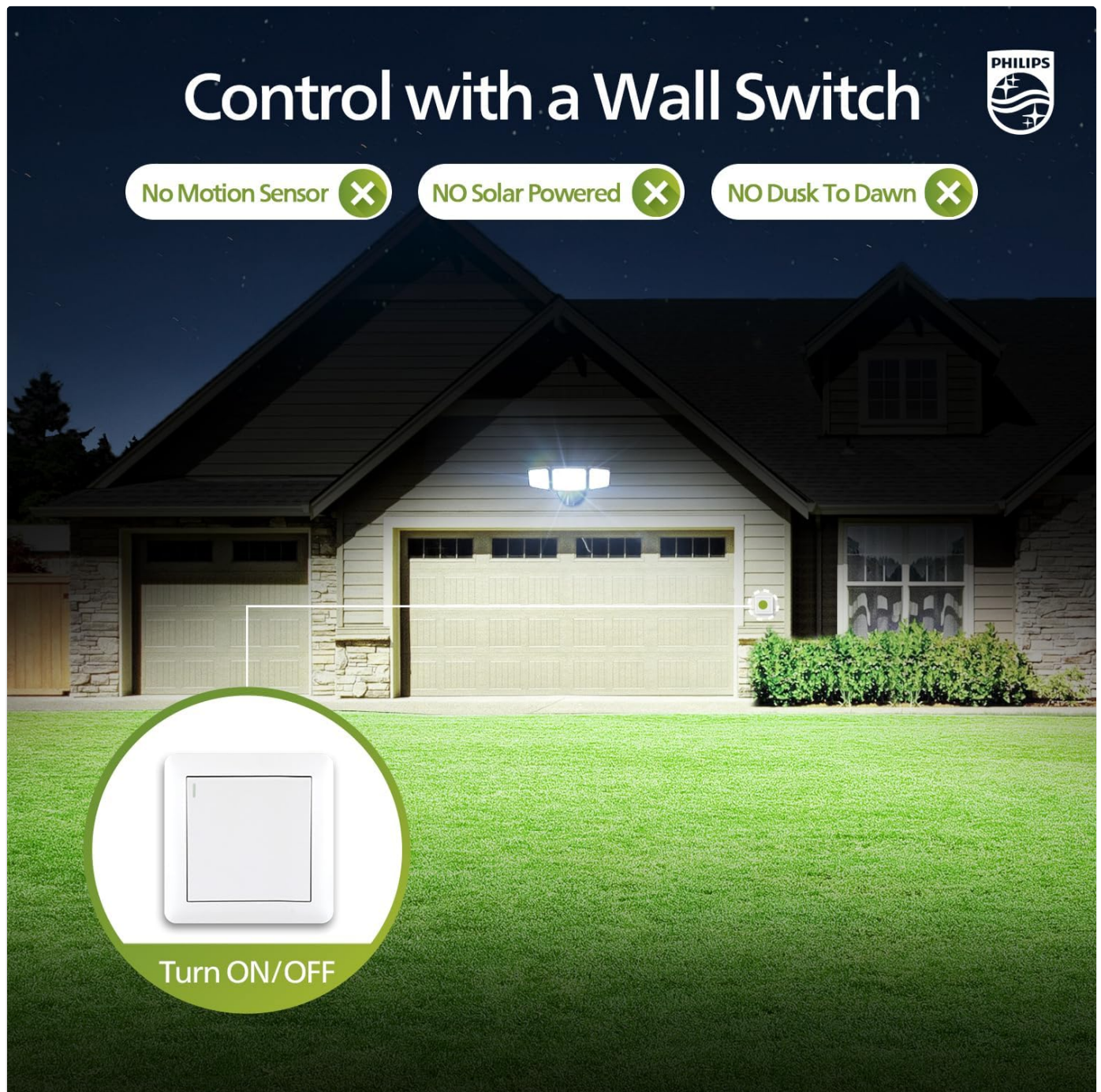


Image 5.1: The flood light is controlled manually via a wall switch.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Philips LED Flood Light.

- **Cleaning:** Periodically clean the exterior of the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or lens. Ensure the power is off before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose connections, or wear. Check the mounting for stability.
- **Water Resistance:** The fixture is designed to be water-resistant. Ensure all seals and gaskets remain intact during installation and maintenance to prevent water ingress.

- **Corrosion Resistance:** The aluminum housing is designed to resist corrosion. However, in highly corrosive environments, more frequent inspection and cleaning may be beneficial.



Image 6.1: The flood light is designed to perform reliably in all weather conditions, including rain.

7. TROUBLESHOOTING

If you encounter issues with your Philips LED Flood Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Loose wiring connection. Faulty wall switch.	Check circuit breaker and ensure power is restored. Verify all wire connections are secure (ensure power is off first). Test the wall switch with another device or replace if faulty.

Problem	Possible Cause	Solution
Light is dim or flickers.	Low voltage. Loose wiring. Extreme temperatures.	Ensure the power supply meets 120V. Check all wiring connections. Allow the fixture to operate within its specified temperature range.
Water inside the fixture.	Improper installation of gasket/seal. Damage to housing.	Ensure the gasket is correctly seated and the fixture is tightly secured to the mounting surface. Inspect the housing for cracks or damage. If damaged, replace the fixture.

If the problem persists after attempting these solutions, please contact Philips customer support or a qualified electrician.

8. SPECIFICATIONS

Detailed technical specifications for the Philips 72W 7400LM LED Flood Light (Model 7600103012).

Specification	Detail
Brand	Philips
Model Name	Philips Flood/Security On/Off Black- 1pcs
Item Model Number	7600103012
Part Number	7600103012
UPC	046677607500
Color	Black
Material	Aluminum, Plastic
Style	Modern
Light Fixture Form	Wall
Room Type	Entryway, Driveway, Garage, Garden, Pathway, Yard
Product Dimensions	11.22"L x 4.33"W x 6.69"H
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Installation Type	Wall Mount
Special Features	Adjustable Head, Anti-Rust, Durable Housing, Foldable, Water-resistant
Light Source Type	LED
Finish Type	Powder Coated
Shade Material	Plastic
Number of Light Sources	3

Specification	Detail
Voltage	120 Volts
Theme	Modern
Light Color	White
Included Components	Instruction Manual, LED Lens, Mounting Hardware
Lighting Method	LED
Number of Items	1
Wattage	72 watts
Bulb Base	E26
Switch Type	Toggle
Unit Count	1.0 Count
Water Resistance Level	Water Resistant
Brightness	7400 Lumen
Efficiency	High Efficiency
Mounting Type	Wall Mount
Shade Color	White
Fixture Type	Non Removable
Assembly Required	Yes
Manufacturer	Signify
Color Temperature	5000 Kelvin
Light Output Maximum	7400 Lumens
Item Weight	2.09 pounds

9. WARRANTY INFORMATION

This Philips LED Flood Light is covered by the manufacturer's warranty. For specific details regarding warranty coverage, duration, and terms, please refer to the warranty card included with your product or visit the official Philips Lighting website. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, product inquiries, or troubleshooting beyond the scope of this manual, please contact Philips customer support:

- **Online Support:** Visit the official Philips Lighting website for FAQs, support documents, and contact information.
- **Telephone Support:** Refer to your product packaging or the Philips website for regional customer service numbers.

When contacting support, please have your product model number (7600103012) and proof of purchase readily available.