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› Philips Essential SmartBright Solar Outdoor Flood Light User Manual

Philips BVC080 LED15/765 IN

Philips Essential SmartBright Solar Outdoor Flood Light

Model: BVC080 LED15/765 IN

INTRODUCTION

Thank you for choosing the Philips Essential SmartBright Solar Outdoor Flood Light. This product is designed to provide efficient and reliable outdoor illumination using solar energy. It is an ideal solution for various outdoor applications, offering ease of installation and low maintenance.

This manual provides detailed instructions for the safe installation, operation, and maintenance of your solar flood light.

Please read this manual thoroughly before installation and keep it for future reference.

SAFETY INFORMATION

- Always disconnect the solar panel from the light fixture before performing any maintenance or cleaning.
- Ensure the installation location is stable and can support the weight of the light fixture and solar panel.
- Do not attempt to open or modify the light fixture or solar panel. This may void the warranty and pose safety risks.
- Keep the product away from flammable materials and extreme heat sources.
- This product is designed for outdoor use and is rated for outdoor conditions. However, avoid submerging the unit in water.
- Solar products require good solar irradiance for proper charging. Avoid installing in shaded areas from buildings, trees, or other objects.
- Handle the solar panel with care to avoid damage to the glass surface.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- Philips Essential SmartBright Solar Flood Light Fixture (1 unit)
- Solar Panel (1 unit)
- Remote Control (1 unit)
- Mounting Hardware (screws, anchors, brackets)
- User Manual (this document)



Image: The Philips Essential SmartBright Solar Flood Light package contents, including the flood light unit, the solar panel, and a remote control.

SETUP AND INSTALLATION

The Philips Essential SmartBright Solar Flood Light is designed for easy installation. No complex cabling or trenching is required.

1. Choosing an Installation Location

- Select a location for the solar panel that receives direct sunlight for the majority of the day (at least 6-8 hours). Avoid areas with shade from buildings, trees, or other obstructions.
- Choose a location for the flood light that provides the desired illumination coverage for your outdoor area (e.g., garden, pathway, entrance).
- Ensure the distance between the solar panel and the flood light allows for the connecting cable to reach comfortably without tension.

2. Mounting the Solar Panel

1. Position the solar panel in the chosen location. Mark the drilling points for the mounting bracket.
2. Drill holes at the marked points and insert wall anchors if necessary.
3. Secure the solar panel mounting bracket using the provided screws.
4. Adjust the angle of the solar panel to maximize sun exposure.

3. Mounting the Flood Light

1. Position the flood light fixture in the desired location. Mark the drilling points for its mounting bracket.
2. Drill holes and insert wall anchors if needed.
3. Secure the flood light fixture using the provided screws.
4. Adjust the angle of the flood light to direct illumination as required.

4. Connecting the Components

1. Connect the cable from the solar panel to the input port on the flood light fixture. Ensure a secure connection.
2. Once connected, the system will begin charging during daylight hours.



Image: An example of the Philips Solar Flood Light installed on the exterior of a home, providing illumination.

OPERATING INSTRUCTIONS

The Philips Essential SmartBright Solar Flood Light features multiple light settings and is controlled via the included remote control.

Automatic Operation

The flood light is designed to automatically turn on at dusk and turn off at dawn, provided there is sufficient charge in the battery. Ensure the solar panel is clean and receiving adequate sunlight for optimal performance.

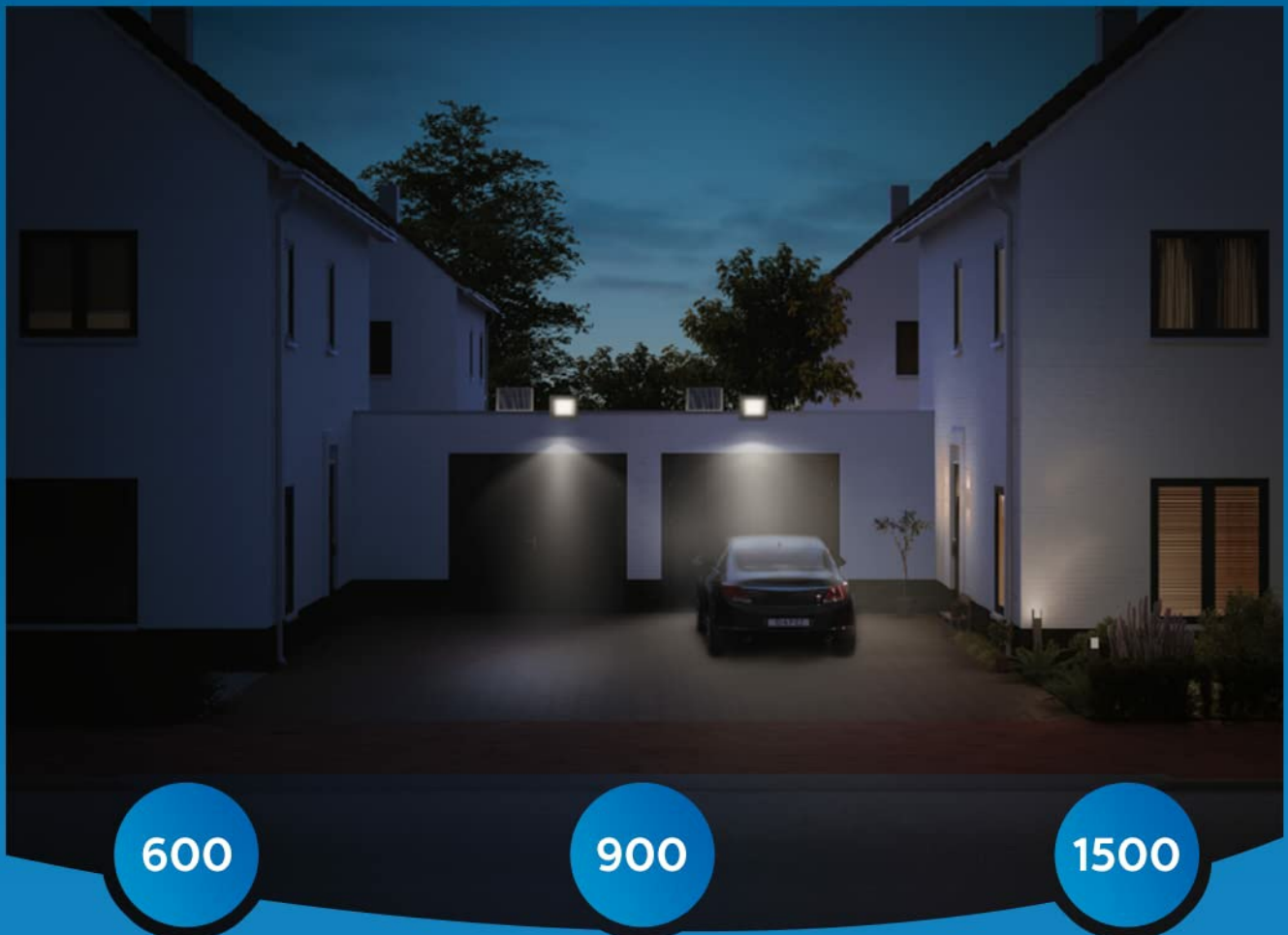
Using the Remote Control

The remote control allows you to manually adjust settings and modes. Specific functions may include:

- **ON/OFF:** Manually turn the light on or off.
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Timer Settings:** Set the light to operate for a specific duration (e.g., 3 hours, 6 hours).
- **Mode Selection:** Switch between different lighting modes (e.g., constant light, motion sensor mode if applicable).

Refer to the remote control's specific button layout for detailed functionality.

Highly efficient in conserving energy



Lumen output specifications

Image: The Philips Solar Flood Light providing bright illumination for a residential driveway at night, demonstrating its efficiency.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Philips Solar Flood Light.

- **Solar Panel Cleaning:** Periodically clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.

- **Light Fixture Cleaning:** Wipe the light fixture with a soft, damp cloth to keep it clean. Do not use abrasive cleaners or solvents.
- **Check Connections:** Occasionally inspect the cable connections between the solar panel and the light fixture to ensure they are secure and free from corrosion.
- **Battery Care:** The integrated battery is designed for long life. For best performance, ensure the unit receives full sunlight exposure daily. If storing the light for an extended period, ensure it is fully charged before storage and recharge every few months.

TROUBLESHOOTING

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 surface. Relocate if necessary to an unshaded area.
Light duration is short.	Battery not fully charged or aging battery.	Allow more charging time in direct sunlight. Ensure solar panel is clean. If the issue persists after prolonged charging, the battery may be nearing its end of life.
Light flickers or is dim.	Low battery charge or dirty solar panel.	Ensure the solar panel is clean and receiving full sunlight. Allow the battery to fully charge.
Remote control not working.	Remote battery depleted or obstruction.	Replace the remote control battery. Ensure there is no obstruction between the remote and the light fixture's sensor.
Light does not turn off during the day.	Solar panel not detecting daylight (e.g., covered, faulty).	Check if the solar panel is covered or dirty. Ensure it is exposed to daylight. If the problem persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	Philips
Model Name	BVC080 LED15/765 IN
Color Temperature	Cool Day Light
Material	Polycarbonate
Style	Solar
Product Dimensions	22L x 5.3W x 17H Centimeters
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Installation Type	Flush Mount

Feature	Detail
Light Source Type	Fluorescent (Note: Product is LED, but source data states Fluorescent)
Wattage	10 Watts
Item Weight	2 kg (2000 Grams)
Included Components	Light fixture, Solar Panel, Remote Control
Assembly Required	No

WARRANTY AND SUPPORT

For warranty information and technical support, please contact Philips customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: Signify (China) Investment Co. Ltd.

Contact information for support can typically be found on the Philips official website or on the product packaging.

For more information, you may visit the official Philips store:[Philips Store on Amazon.in](#)

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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.

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