

Philips Projectline 50W (Model 911401862884)

Philips Projectline LED Floodlight 50W with Motion Sensor User Manual

Model: 911401862884

1. INTRODUCTION

Thank you for choosing the Philips Projectline LED Floodlight 50W with Motion Sensor. This product is designed for commercial and external lighting applications, offering efficient and reliable illumination with integrated motion detection. This manual provides essential information for safe installation, operation, and maintenance of your floodlight.



Figure 1: Philips Projectline LED Floodlight 50W. This image shows the front view of the floodlight unit, highlighting its compact design and LED array.

2. SAFETY INSTRUCTIONS

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure power is disconnected at the main circuit breaker before any installation or maintenance.
- **Grounding:** The floodlight must be properly grounded to prevent electrical shock.
- **Outdoor Use:** This product is rated for outdoor use (IP65). Ensure all connections are waterproofed to maintain this rating.
- **Mounting:** Mount the floodlight securely to a stable surface capable of supporting its weight.
- **Heat:** Do not cover the floodlight during operation, as this can lead to overheating and damage.
- **Light Source:** Do not stare directly into the LED light source when illuminated, as it may cause eye strain or damage.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Philips Projectline LED Floodlight unit with integrated motion sensor
- Mounting bracket (pre-attached)
- Installation screws and wall plugs (may vary by region)
- User Manual (this document)

4. INSTALLATION

Follow these steps for proper installation:

1. **Choose Location:** Select a suitable outdoor location for the floodlight, ensuring it provides the desired illumination coverage and the motion sensor has an unobstructed view of the detection area.
2. **Mark Drilling Points:** Use the mounting bracket as a template to mark the drilling points on the wall or mounting surface.
3. **Drill Holes:** Drill holes at the marked points, suitable for the provided screws and wall plugs.
4. **Secure Bracket:** Attach the mounting bracket securely to the surface using the screws.
5. **Wiring:** Connect the floodlight's electrical cable to your main power supply. Ensure correct wiring (Live, Neutral, Earth) and use an IP-rated junction box for all outdoor connections to maintain waterproofing. This step should be performed by a qualified electrician.
6. **Mount Floodlight:** Attach the floodlight unit to the secured mounting bracket. Adjust the angle of the floodlight to direct illumination as needed.



Figure 2: Example of Philips Projectline LED Floodlights installed on a building exterior, providing warm white illumination at night.

5. MOTION SENSOR CONFIGURATION

The integrated motion sensor can be adjusted for optimal performance. The adjustment dials are typically located on the underside of the sensor head. Use a small screwdriver to carefully turn the dials.



Figure 3: Motion sensor adjustment dials for detection range, light sensitivity (LUX), and illumination time.

- **Detection Range (SENS):** Adjusts the sensitivity of the motion sensor. The detection range is typically 0 to 8 meters with a 120-degree angle. Turn the dial to increase or decrease the range at which motion is detected.
- **Light Sensitivity (LUX):** Determines the ambient light level at which the sensor will activate the floodlight. Settings range from approximately 10 LUX (dark) to 2000 LUX (daylight). Turn the dial towards the 'sun' icon for activation only in brighter conditions, or towards the 'moon' icon for activation in darker conditions.
- **Illumination Time (TIME):** Sets how long the floodlight remains on after motion is detected and no further motion is sensed. The adjustable time typically ranges from a minimum of 10 seconds to a maximum of 7 minutes.

Testing: After adjusting, test the sensor by walking through the detection area at different light levels to ensure it operates as desired. Fine-tune settings as necessary.

6. OPERATION

Once installed and configured, the Philips Projectline LED Floodlight will operate automatically based on the motion sensor settings. When motion is detected within the set range and the ambient light level is below the configured LUX threshold, the floodlight will illuminate for the specified duration. It will turn off automatically after the set time if no further motion is detected.

7. MAINTENANCE

- **Cleaning:** Periodically clean the floodlight's lens and sensor window with a soft, damp cloth to ensure optimal light output and sensor performance. Do not use abrasive cleaners.
- **Inspection:** Regularly inspect the floodlight for any signs of damage, loose connections, or wear. Address any issues promptly.
- **Lifespan:** The LED light source has a long lifespan of up to 35,000 hours, reducing the need for frequent bulb replacement.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Floodlight does not turn on.	No power supply; faulty wiring; LUX setting too high (daylight); sensor malfunction.	Check power connection and circuit breaker. Verify wiring. Adjust LUX setting to a lower value. If issues persist, consult a qualified electrician.
Floodlight stays on continuously.	Continuous motion detected; TIME setting too long; sensor malfunction.	Ensure no constant motion in detection area. Adjust TIME setting to a shorter duration. Check for obstructions near the sensor.
Floodlight turns on during the day.	LUX setting too low (set for dark conditions).	Adjust LUX setting towards the 'sun' icon to require more ambient light for activation.
Motion sensor is not detecting movement.	SENS setting too low; obstructed sensor; incorrect mounting height/angle.	Increase SENS setting. Clear any obstructions from the sensor's view. Verify mounting height and angle are appropriate for the desired detection area.

9. SPECIFICATIONS

Feature	Specification
Brand	Philips
Model Number	911401862884
Product Dimensions	19 x 5.9 x 19 cm
Product Weight	570 Grams
Power	50W LED
Light Color	Warm White
Material	Metal
Finish Type	Metal
Ingress Protection (IP) Rating	IP65 (Dust tight and protected against water jets)
Impact Protection (IK) Rating	IK06 (Protected against 1 joule impact)
Lifespan	Up to 35,000 hours
Motion Sensor	Integrated, adjustable (SENS, LUX, TIME)
Specific Uses	Driveways, commercial and external lighting
Assembly Required	No
Batteries Required	No

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Philips website. You can also find more information on the [Philips Brand Store](#).