

Steinel 068073

Steinel LED Strahler XLED PRO 240 S User Manual

Model: 068073

INTRODUCTION

The Steinel LED Strahler XLED PRO 240 S is a high-performance LED floodlight designed for outdoor use, featuring a 2400 motion sensor for efficient and automatic illumination. This manual provides essential information for the proper installation, operation, and maintenance of your device, ensuring optimal performance and longevity.



Front view of the Steinel XLED PRO 240 S LED Floodlight.

KEY FEATURES

- Outdoor floodlight with bright 3000K illumination, providing 2124 lumens of brightness with only 19.3W consumption.
- Integrated 2400 motion sensor with a maximum range of 12 meters for wide-area monitoring and illumination of entrances and driveways.
- Adjustable dusk sensor (2-1000 lx) and light duration (10 seconds 1 15 minutes) without the need for tools.
- Detection area can be further adjusted using the included cover plates.
- Features include creep guard, up to 6m mounting height, 60,000 hours LED lifespan, opal flatscreen lens, and the ability to network up to 10 floodlights via cable.



LED

3000 K



30 years (Ø 4,5h /
day)

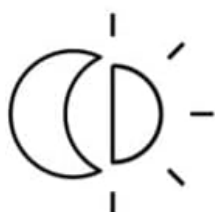
3000K
warm-white

infrared sensor
240°

max. 12 m



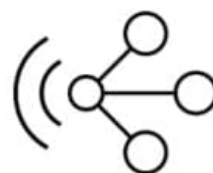
IP44



2 - 2000 lux



10 sec - 15 min



networkable via
cable

Visual representation of the floodlight's key features including LED lifespan, color temperature, sensor type, range, IP rating, light sensitivity, and duration settings.

PACKAGE CONTENTS

Please ensure all components are present before beginning installation:

- LED Floodlight
- 2x Sealing Plugs
- 3x Spacers
- Sensor Cover Plate
- Operating Instructions (this manual)

SETUP

Installation of the Steinel LED Strahler XLED PRO 240 S requires basic electrical knowledge. If you are unsure, please consult a qualified electrician. Ensure power is disconnected at the main circuit breaker before starting installation.

1. **Mounting Location:** Choose a suitable outdoor location, ideally between 2.0m and 6.0m high, where the floodlight can cover the desired area without obstruction.
2. **Mounting the Bracket:** Securely attach the mounting bracket to the wall using the provided screws and spacers. Ensure it is level and stable.
3. **Wiring:** Connect the electrical wires (Live, Neutral, Earth) to the terminal block inside the floodlight housing. Use the sealing plugs to ensure a watertight connection.
4. **Attach Floodlight:** Carefully attach the floodlight unit to the mounted bracket. Ensure it clicks securely into place.
5. **Adjust Panel:** The LED panel is fully swiveling. Adjust its position to direct light to the desired area.

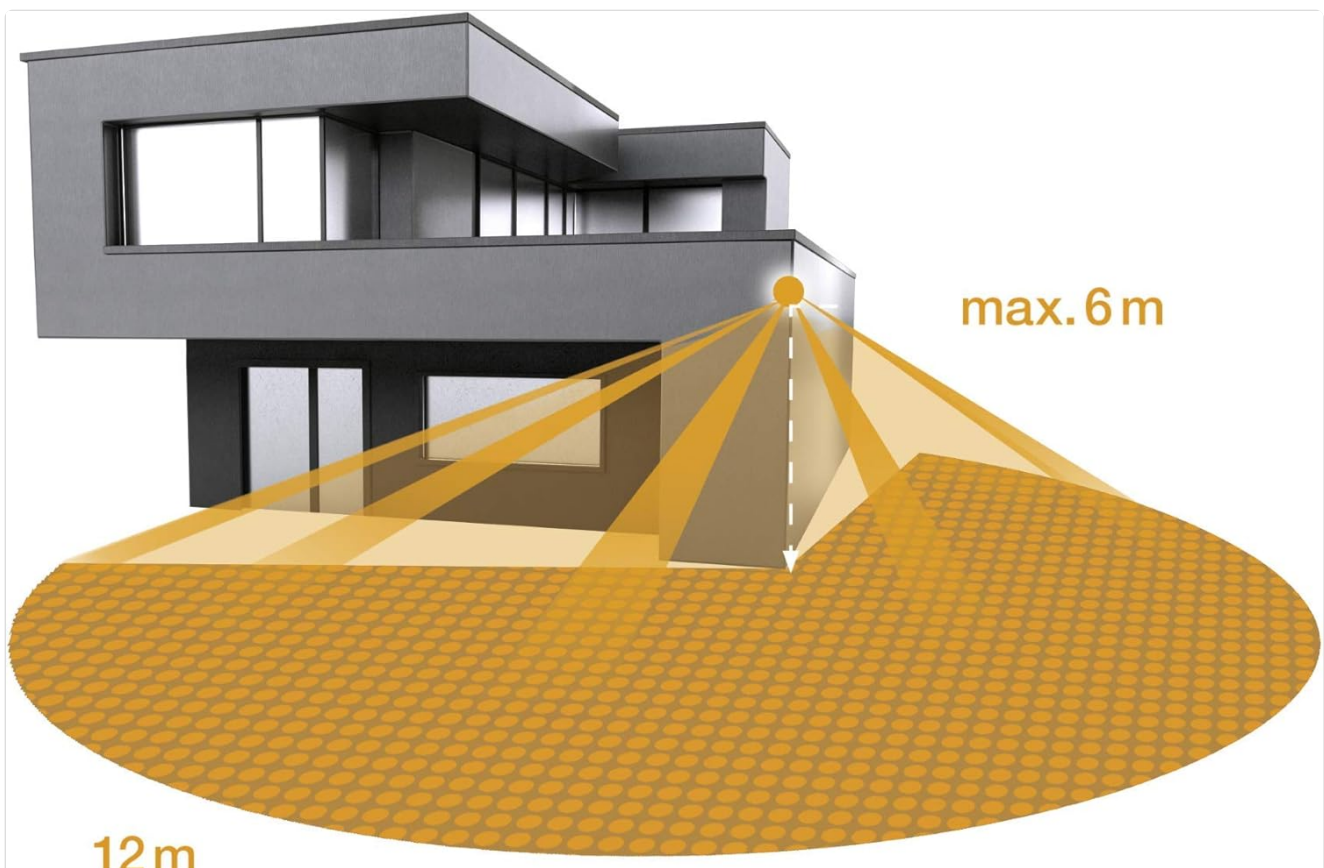


Illustration of the floodlight's maximum detection range (12m) and recommended mounting height (up to 6m).

OPERATING INSTRUCTIONS

Once installed and powered, the floodlight will operate automatically based on its sensor settings. You can customize these settings:

1. **Dusk Sensor (Light Sensitivity):** Locate the adjustment dial on the sensor unit. This dial allows you to set the ambient light level at which the floodlight will activate, ranging from 2 lx (dark) to 1000 lx (daylight). Turn the dial towards the sun icon for activation in brighter conditions, or towards the moon icon for activation only in darker conditions.
2. **Light Duration:** Use the other adjustment dial to set how long the light remains on after motion is detected. This can be set from 10 seconds to 15 minutes.
3. **Adjusting Detection Area:** The 2400 motion sensor covers a wide area. If you need to limit the detection zone (e.g., to avoid triggering by passing traffic), use the provided sensor cover plates. These can be attached to the sensor lens to block specific detection segments.

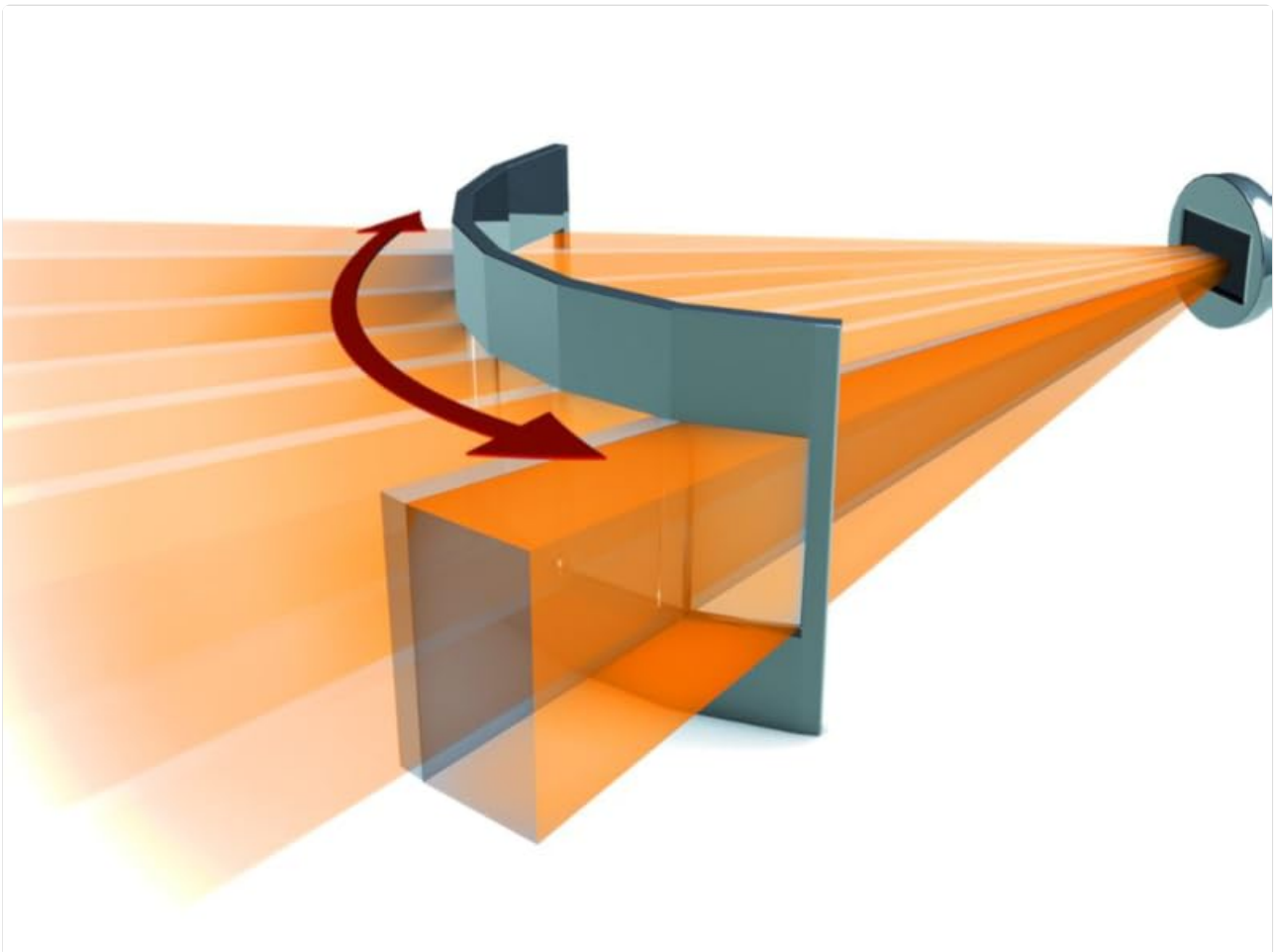
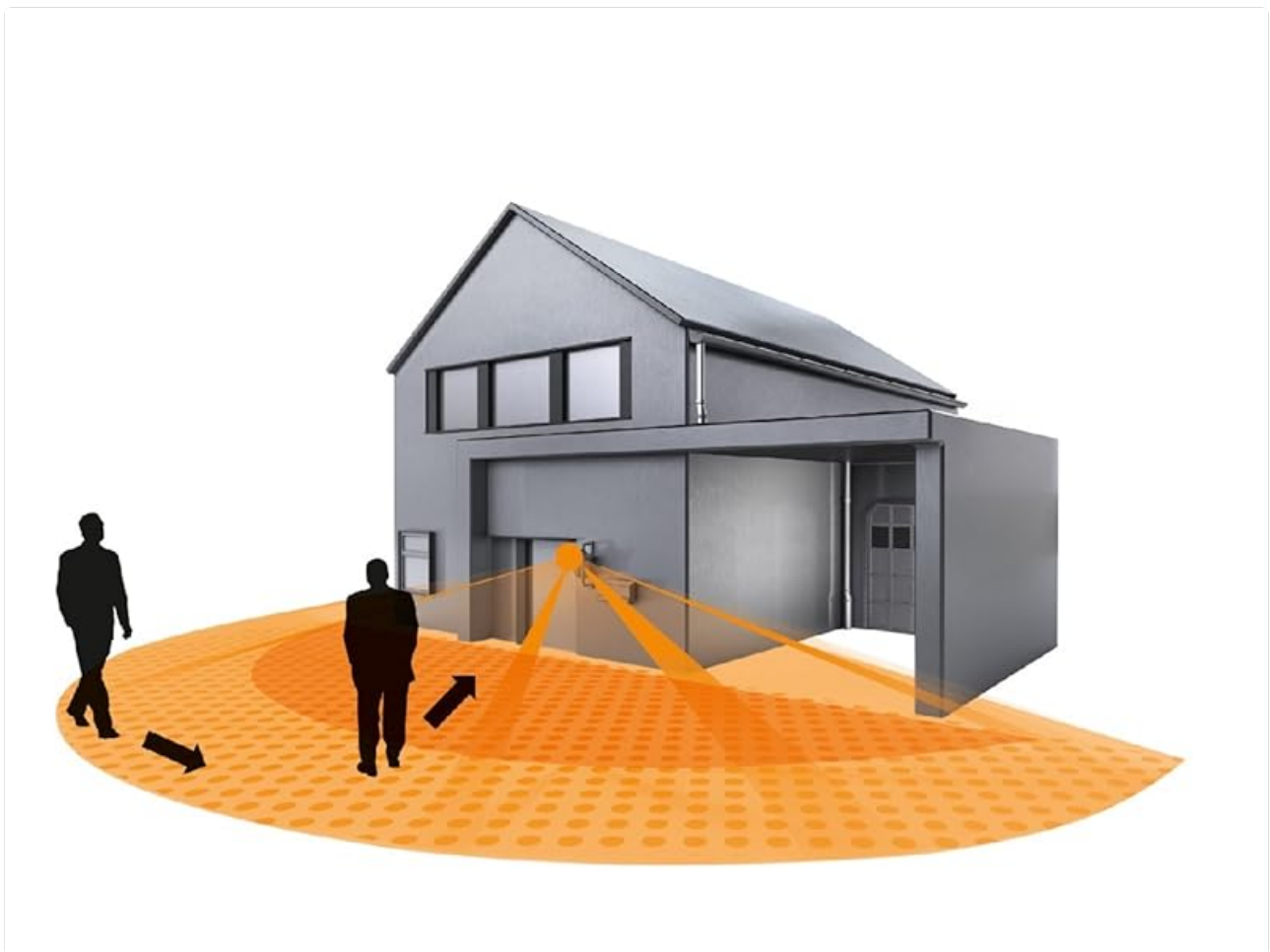


Illustration of how to adjust the sensor's detection area using the cover plates.



Example of the motion detection pattern around a building, highlighting the wide coverage.

MAINTENANCE

The Steinel LED Strahler XLED PRO 240 S is designed for minimal maintenance. However, regular cleaning can help maintain its appearance and performance.

- **Cleaning:** Periodically wipe the floodlight and sensor lens with a soft, damp cloth to remove dust, dirt, or debris. Do not use abrasive cleaners or solvents, as these can damage the surfaces.
- **Inspection:** Occasionally check the mounting and wiring connections to ensure they remain secure.
- **LED Lifespan:** The integrated LED has a long lifespan of approximately 60,000 hours and is not user-replaceable.

TROUBLESHOOTING

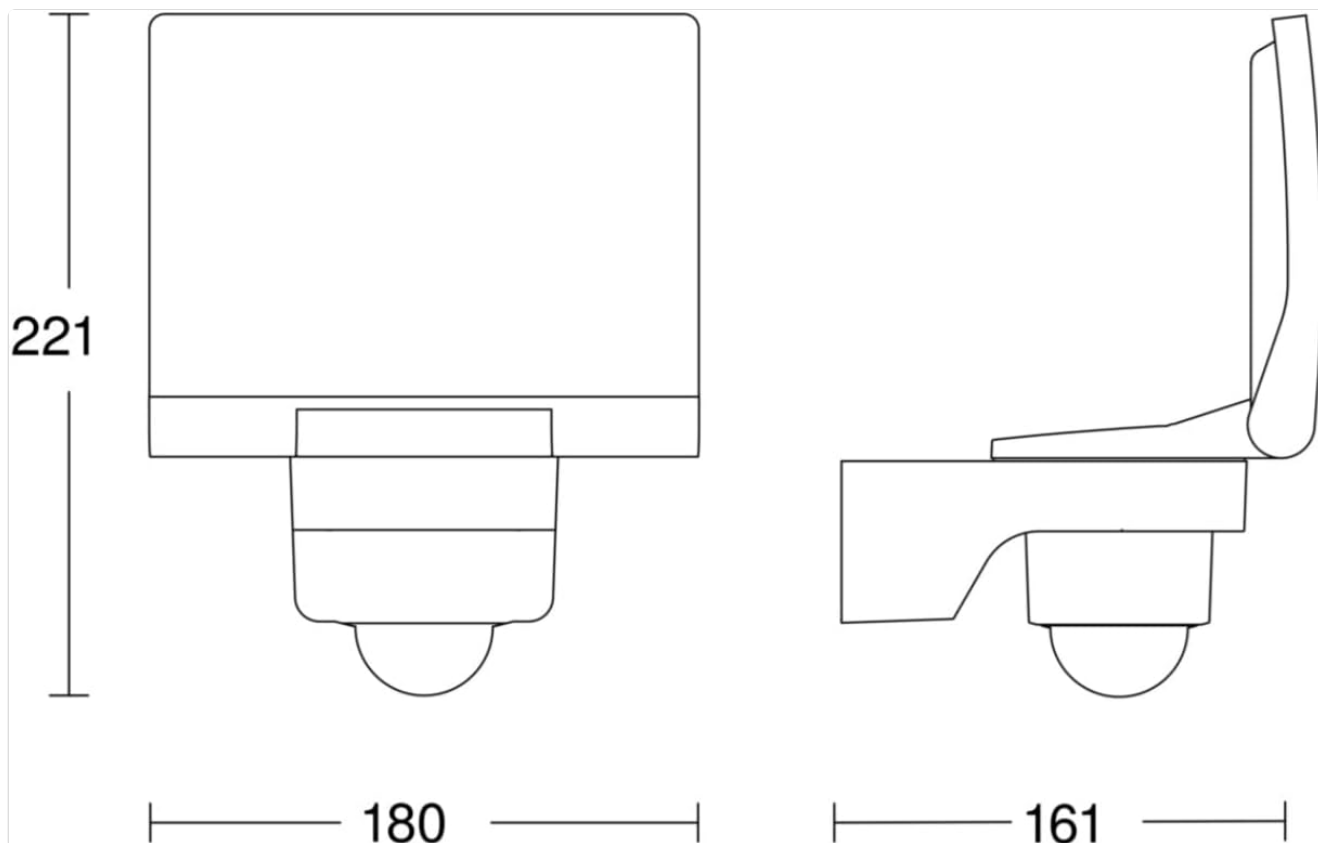
If you experience issues with your Steinel LED Strahler XLED PRO 240 S, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; dusk sensor set too high; faulty wiring.	Check power connection; adjust dusk sensor to a lower sensitivity; verify wiring connections.
Light stays on continuously.	Dusk sensor set too low (always dark); constant motion in detection area; sensor malfunction.	Adjust dusk sensor to a higher sensitivity; reduce detection area with cover plates; contact support if issue persists.

Problem	Possible Cause	Solution
Light turns on without apparent motion.	Detection area too wide; environmental factors (e.g., swaying branches, small animals).	Adjust detection area using cover plates; reposition the floodlight if possible.
Light cover/panel becomes loose.	Improper installation; wear and tear.	Ensure all mounting screws are tightened; contact customer support for assistance.

SPECIFICATIONS

Feature	Detail
Model Number	068073
Product Dimensions	16.1 x 18 x 22.1 cm
Weight	640 Grams
Power Consumption	19.3 W
Luminous Flux	2124 lm
Color Temperature	3000K (Warm White)
Motion Sensor Type	Infrared
Detection Angle	2400
Max. Range	12 m
Dusk Sensor Range	2 - 1000 lx
Light Duration	10 s - 15 min
Material	Plastic
Color	White
Mounting Required	Yes



Technical drawing showing the dimensions of the floodlight in millimeters.

WARRANTY AND SUPPORT

Steinel stands behind the quality of its products.

- **Warranty:** This product comes with a 5-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.
- **Support:** For further assistance, technical inquiries, or warranty service, please visit the official Steinel store or contact their customer support.

Visit the official [Steinel Store on Amazon](#).