Steinel L 115 S

Steinel L 115 S Sensor Luminaire

Model: L 115 S | Brand: Steinel

1. INTRODUCTION

The Steinel L 115 S outdoor sensor luminaire combines simple elegance with maximum efficiency. It features a hand-blown crystal glass and reliable sensor technology, ensuring lighting is activated only when truly necessary. The integrated sensor detects movement within its range, and the fixture diffuses light uniformly and pleasantly, contributing to increased quality of life, enhanced safety, and maximum energy savings through intelligent technology.

Figure 1: The Steinel L 115 S sensor luminaire, showcasing its design with a clear glass globe and an E27 bulb socket.

2. SAFETY INSTRUCTIONS

Please read these instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Installation must be carried out by a qualified electrician in accordance with national wiring regulations and local electrical codes.
- Ensure the power supply is disconnected at the main circuit breaker before commencing any installation or maintenance work.
- Do not modify the product in any way. Use only genuine replacement parts.
- This product is designed for outdoor use (IP44 rated). Ensure proper sealing during installation to maintain its IP rating.
- Do not look directly into the light source when it is active.

3. PACKAGE CONTENTS

The package for your Steinel L 115 S sensor luminaire includes the following components:

- 1 x L 115 S outdoor sensor lamp
- E27 socket (integrated)
- Mounting material (screws, wall plugs)
- Instruction manual

Note: The light source (bulb) is not included and must be purchased separately (max. 60W E27).

4. SETUP & INSTALLATION

4.1 Mounting the Luminaire

The luminaire is designed for quick and easy wall mounting. Ensure the mounting surface is stable and suitable for the weight of the fixture.

1. Mark the drilling points on the wall using the mounting plate as a template.
2. Drill holes and insert the provided wall plugs.
3. Connect the electrical wires (Live, Neutral, Earth) to the terminal block inside the luminaire's base. Ensure correct polarity.
4. Secure the luminaire base to the wall using the provided screws.
5. Insert an E27 bulb (max. 60W) into the socket.
6. Attach the glass globe securely to the luminaire base.

Figure 2: Example of the L 115 S luminaire installed on a wall, providing illumination for an entrance.
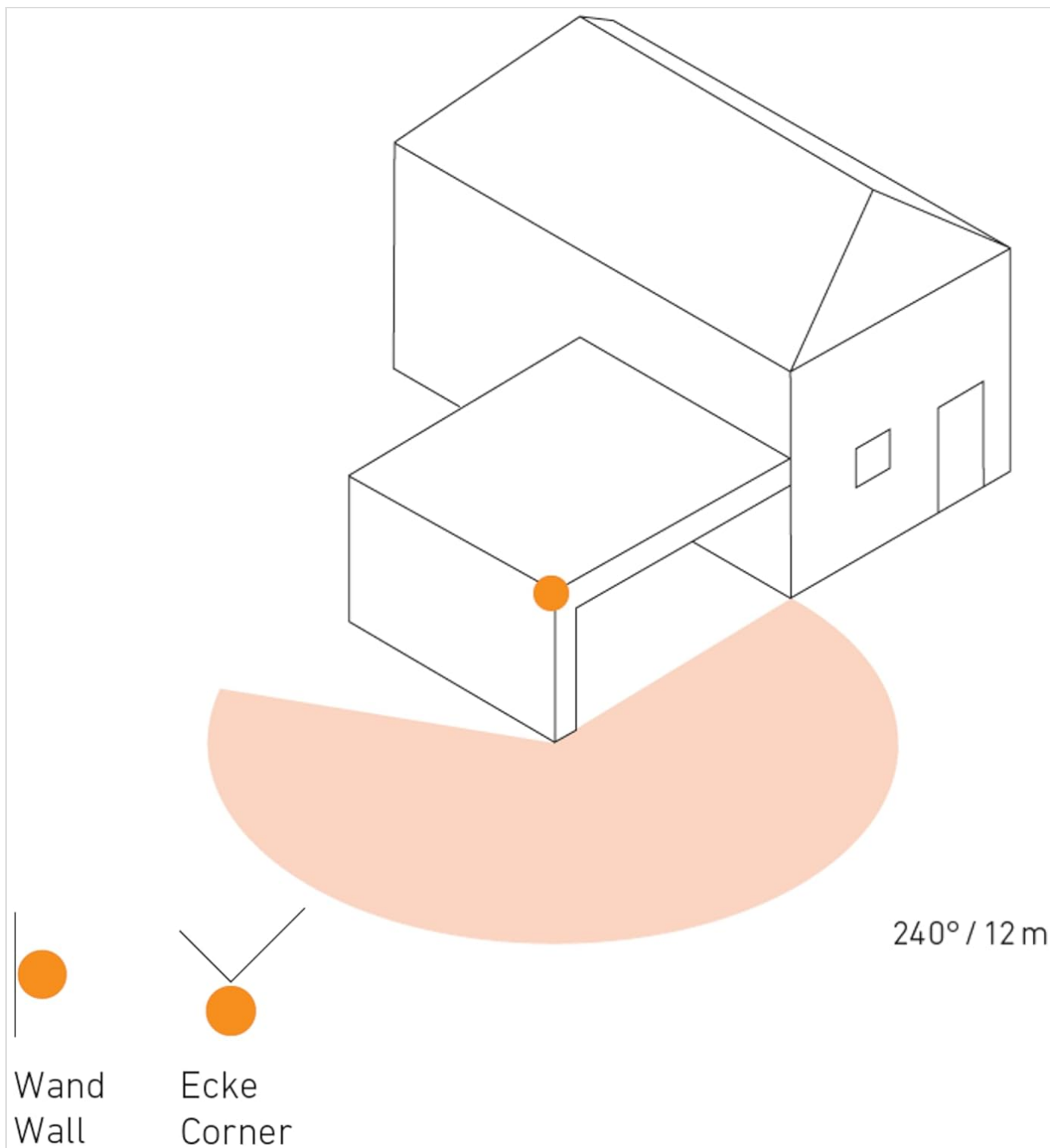
Figure 3: Technical dimensions and wiring diagram for installation.

5. OPERATING INSTRUCTIONS

5.1 Sensor Adjustment

The integrated infrared sensor offers a 240° detection angle and a maximum range of 12 meters. Adjustment knobs located under the cover allow for precise configuration of the luminaire's behavior.

- **Time Setting (5 seconds - 15 minutes):** Adjusts how long the light remains on after motion is detected.
- **Twilight Setting (2-1000 lx):** Determines the ambient light level at which the sensor becomes active. The light will only switch on when the ambient light falls below this set value.
- **Basic Light (0-50%):** Allows for a continuous low-level illumination (basic light) that brightens to full power upon detection.

- **Customizable Range:** The detection range can be adjusted to suit specific needs, preventing unwanted activations.

Max. 60 W	infrared sensor	max. 12 m	soft light start
max. 60 W E27	240°		
manual override 4h	2 - 1000 lux	5 sec - 15 min	VIEW IN YOUR SPACE

Figure 4: Overview of sensor settings and features.
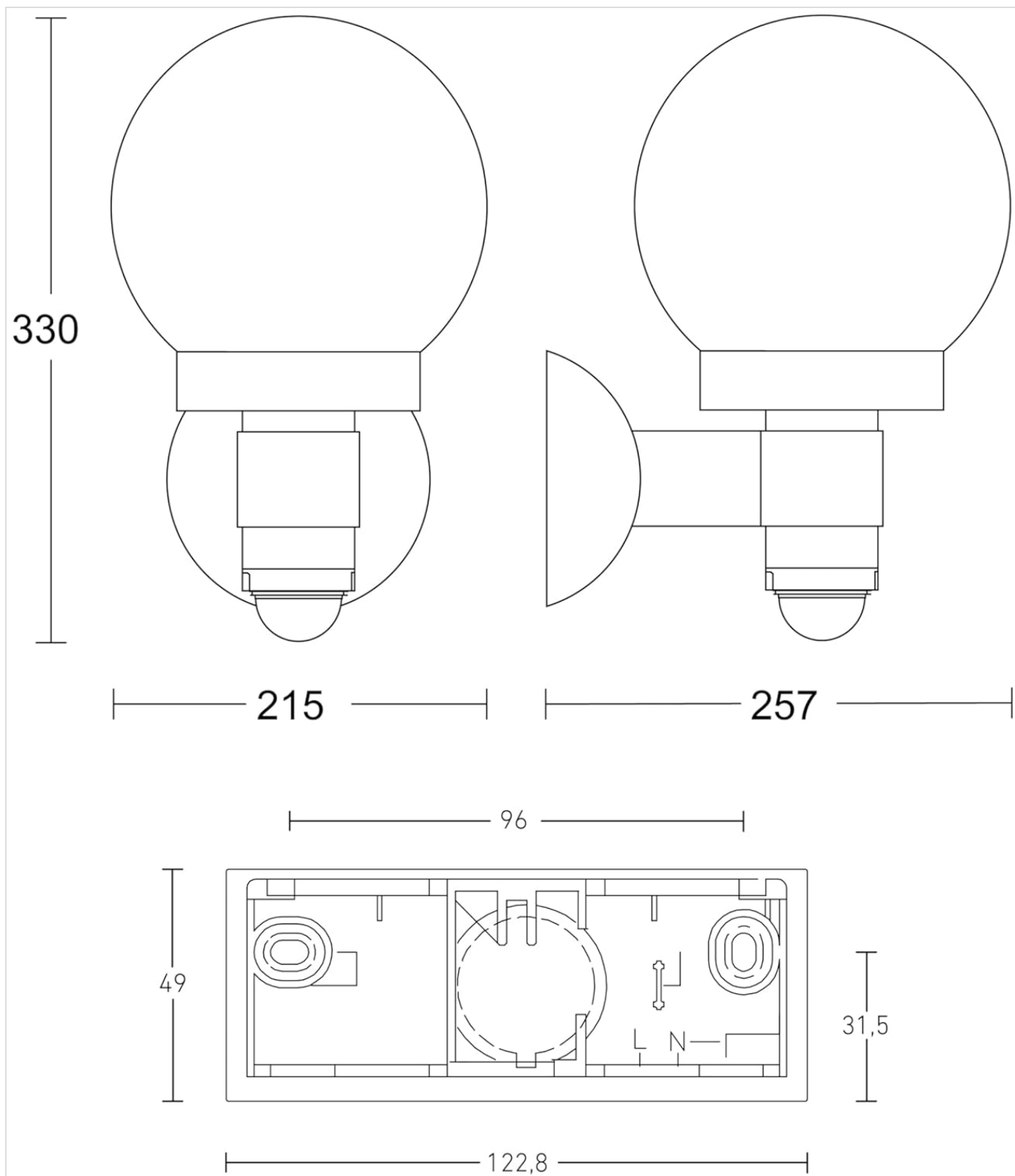
Figure 5: Illustration of the 240-degree detection zone and 12m range.

For an augmented reality view of the product in your space, scan the QR code shown in Figure 4 or visit Steinel AR View

5.2 Manual Override

The luminaire features an optional permanent lighting mode for up to 4 hours. This can be activated by quickly switching the light switch OFF and ON twice. To return to sensor operation, switch the light OFF for a few seconds and then ON again.

5.3 Bulb Replacement

The L 115 S uses a standard E27 socket, allowing for easy replacement of the bulb. Ensure the power is disconnected

before replacing the bulb. Use LED bulbs up to a maximum of 60W.

6. MAINTENANCE

To ensure optimal performance and longevity of your Steinel L 115 S luminaire, follow these simple maintenance guidelines:

- **Cleaning:** Regularly clean the glass globe and the sensor lens with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the surfaces.
- **Inspection:** Periodically check the luminaire for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician.
- **Bulb:** Replace the E27 bulb as needed. Always ensure the power is off before replacing the bulb.

7. TROUBLESHOOTING

If you encounter issues with your Steinel L 115 S luminaire, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Light does not switch on.	No power supply; Bulb faulty; Twilight setting too high; Sensor obstructed.	Check circuit breaker; Replace bulb; Adjust twilight setting; Clear sensor area.
Light stays on continuously.	Continuous motion in detection zone; Manual override activated; Time setting too long.	Check detection zone for constant movement; Deactivate manual override; Reduce time setting.
Light switches on without apparent reason.	Small animals or objects in detection zone; Sensor sensitivity too high; Heat sources.	Adjust detection range; Reduce sensor sensitivity; Ensure no heat sources are in the detection area.
Light flickers or dims.	Loose wiring; Faulty bulb; Voltage fluctuations.	Check wiring connections (by a qualified electrician); Replace bulb; Consult electrician for voltage issues.

8. SPECIFICATIONS

Feature	Specification
Brand	Steinel
Model Number	657413 (L115S White)
Product Dimensions (L x W x H)	23 x 23 x 39.6 cm
Item Weight	1.14 Kilograms
Color	White
Material	Glass, Plastic
IP Rating	IP44 (Splash-proof)
Number of Bulbs	1 (not included)

Feature	Specification
Maximum Watts	60 Watts
Voltage	230-240 Volts
Specific Uses	Outdoor
Special Features	Motion Detector
Switch Style	Motion Detector
Installation Type	Wall Mount
Bulb Type	LED (compatible)
Cap Type (Socket)	E27
Average Lifespan	50,000 Hours (estimated for product, not bulb)
Sensor Type	Infrared
Detection Angle	240°
Detection Range	Max. 12 meters
Time Setting	5 seconds - 15 minutes
Twilight Setting	2 - 1000 lux

9. WARRANTY & SUPPORT

Steinel products are developed in Germany and manufactured in Europe, ensuring high quality and reliability.

Warranty: Spare parts availability is guaranteed for 1 year. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact Steinel customer service.

Support: For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact your retailer or visit the official Steinel website for customer support information. You can find more information about Steinel products and support at the Steinel Brand Store.

Related Documents - L 115 S

[STEINEL IR 2180 UP ECO Sensor-Schalter Bedienungsanleitung](#)
Umfassende Bedienungsanleitung für den STEINEL IR 2180 UP ECO Bewegungsmelder und Sensor-Schalter. Enthält Informationen zur Installation, Funktion, technischen Daten und Garantie für Innenbereiche.

	[STEINEL L 605 S / L 605 LED Sensorleuchte - Bedienungsanleitung](#) Umfassende Bedienungsanleitung für die STEINEL L 605 S und L 605 LED Sensorleuchten. Erfahren Sie mehr über Installation, Funktionen, Sicherheitshinweise und Fehlerbehebung für diese Innen- und Außenleuchten mit Bewegungsmelder.
	[Steinel XLED CAM 1 SC User Manual and Installation Guide](#) Comprehensive guide for the Steinel XLED CAM 1 SC sensor-switched LED floodlight, covering installation, configuration, usage, and troubleshooting. Learn about its features, technical specifications, and how to operate it via the Steinel CAM App.
	[STEINEL L 20 S, L 22 S, L 22, L 22 N Outdoor Motion Sensor Light Installation and Operation Manual](#) Comprehensive guide for STEINEL L 20 S, L 22 S, L 22, and L 22 N outdoor wall lights with motion sensors. Covers installation, operation, settings, troubleshooting, and warranty information.
	[STEINEL IS 2180-2 Infrared Motion Sensor Installation Manual](#) Comprehensive guide for installing and operating the STEINEL IS 2180-2 infrared motion sensor, featuring adjustable range, time, and light sensitivity for reliable lighting control.
	[STEINEL HF 3360 LiveLink: Professioneller Bewegungsmelder und Lichtsteuerung](#) Umfassende Anleitung für den STEINEL HF 3360 LiveLink Bewegungsmelder. Erfahren Sie mehr über Installation, Funktionen und technische Daten dieses professionellen Lichtsteuerungssensors.