

Steinel 311046

STEINEL RS PRO 5100 SC EU Indoor Light User Manual

Model: 311046

1. INTRODUCTION

The STEINEL RS PRO 5100 SC EU is a robust and highly functional indoor luminaire designed for various applications such as parking garages, basements, halls, garages, and corridors. It features a 360° high-frequency sensor, wireless networking capabilities, and convenient smartphone control.

Key Features:

- Robust and highly functional design.
- Easy installation, utilizing existing wiring and drill holes.
- Wireless networking for multiple luminaires.
- Convenient control and parameter adjustment via smartphone app.
- Integrated 360° high-frequency sensor with 10m range.
- High luminous flux of 4250 lm at 31 W and 4000 K.
- Presence mode to prevent unwanted switch-offs.
- Bluetooth 4.0 for fast and energy-efficient connections.



Figure 1: STEINEL RS PRO 5100 SC EU Indoor Light, showing its sleek, elongated design suitable for various indoor environments.

2. SAFETY INSTRUCTIONS

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

- Installation must be performed by a qualified electrician in accordance with national wiring regulations.
- Ensure the power supply is disconnected before installation, maintenance, or repair.
- Do not modify the luminaire in any way.
- Do not look directly into the LED light source when it is illuminated.
- Keep the luminaire away from flammable materials.
- This product is designed for indoor use in damp environments (IP65 rated).
- Dispose of broken or damaged lamps according to local regulations. Refer to recycling information for lamps.

3. INSTALLATION

The STEINEL RS PRO 5100 SC EU is designed for easy mounting on walls or ceilings, utilizing existing wiring and drill holes where possible.

Mounting Location:

- Wall mounting
- Ceiling mounting
- Surface mounting

Wiring Instructions:

Ensure the main power supply is switched off before proceeding with wiring. The luminaire supports 5-core through-wiring for advanced installations.

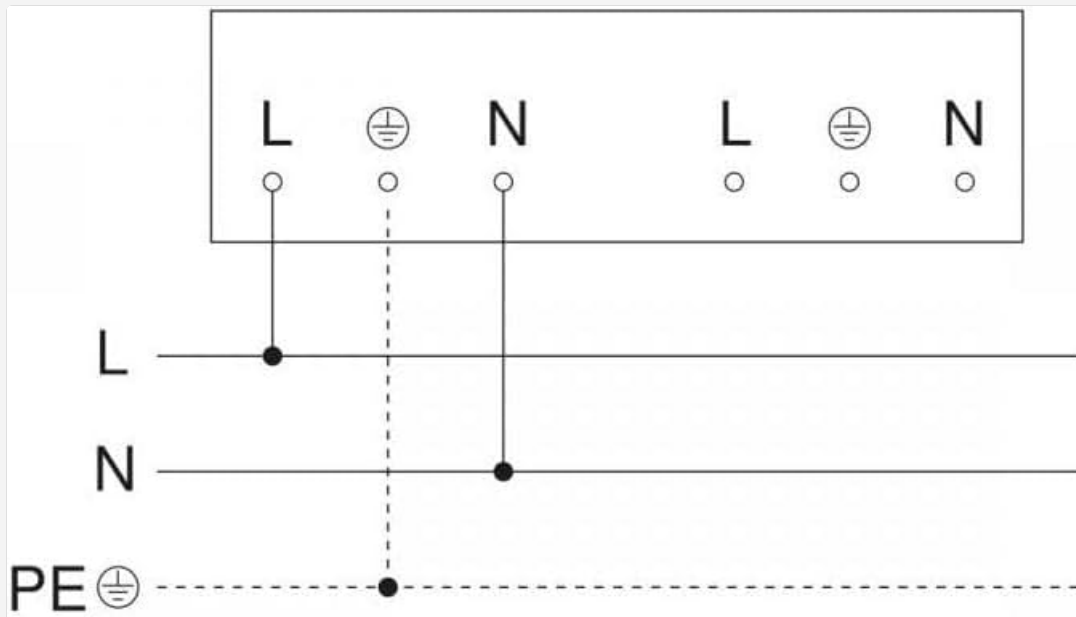


Figure 2: Wiring diagram showing connections for Live (L), Neutral (N), and Protective Earth (PE). Ensure correct polarity and secure connections.

1. Identify the Live (L), Neutral (N), and Protective Earth (PE) wires from your existing electrical installation.
2. Connect the corresponding wires to the terminals on the luminaire as shown in Figure 2.
3. Secure all connections firmly.
4. Mount the luminaire securely to the wall or ceiling using appropriate fasteners.
5. Once installation is complete, restore power supply.

4. OPERATION

The STEINEL RS PRO 5100 SC EU can be easily configured and controlled via a smartphone app using Bluetooth connectivity.

Initial Setup:

1. Download the STEINEL Connect app from your smartphone's app store (iOS/Android).
2. Ensure Bluetooth is enabled on your smartphone.
3. Open the app and follow the on-screen instructions to discover and connect to your luminaire(s).

Sensor Settings:

The integrated 360° high-frequency sensor detects motion within a 10-meter range. Settings such as sensitivity, time delay, and basic brightness can be adjusted via the app.

- **Reach:** Adjust the detection range of the sensor (up to 10m).
- **Time Setting:** Define how long the light remains on after motion is detected.
- **Basic Light Level:** Set a continuous low light level that increases to full brightness upon detection.
- **Presence Mode:** Ensures the light remains on as long as presence is detected, preventing unwanted switch-offs.

Networking:

Multiple STEINEL Bluetooth products can be networked together and grouped for synchronized control via the app.

5. MAINTENANCE

The STEINEL RS PRO 5100 SC EU requires minimal maintenance. Regular cleaning will help maintain its performance and appearance.

- Before cleaning, ensure the power supply to the luminaire is disconnected.
- Wipe the surface of the luminaire with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Do not spray water directly onto the luminaire.
- Periodically check for any loose connections or damage to the housing.

6. TROUBLESHOOTING

If you experience issues with your STEINEL RS PRO 5100 SC EU, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty wiring; sensor not detecting motion.	Check circuit breaker; verify wiring connections; adjust sensor sensitivity/range via app.
Light stays on continuously.	Continuous motion detected; time setting too long; presence mode active.	Ensure no constant motion in detection area; reduce time setting; deactivate presence mode if not desired.
Light switches off too quickly.	Time setting too short; sensor sensitivity too low.	Increase time setting; increase sensor sensitivity.
Cannot connect via Bluetooth.	Bluetooth off; app issue; luminaire out of range.	Ensure Bluetooth is on; restart app/phone; move closer to luminaire.

If the problem persists, please contact STEINEL customer support.

7. TECHNICAL SPECIFICATIONS

Parameter	Value
Model Number	311046
Dimensions (L x W x H)	1370 x 87 x 58 mm
Light Source	LED (integrated)
Power Consumption	31 Watt
Luminous Flux	4250 lm
Color Temperature	4000 K
Sensor Type	High-frequency (360°)
Sensor Range	10 m
Connectivity	Bluetooth 4.0
Impact Resistance	IK07

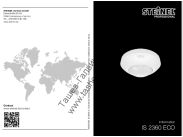
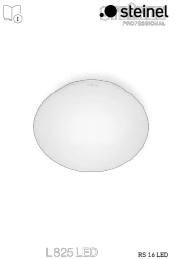
Parameter	Value
Protection Class	IP65
Electrical Protection Class	II
Energy Efficiency Class	B
Mounting Location	Wall, Ceiling
Mounting Type	Surface Mount

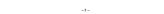
8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official STEINEL website or contact your local distributor. Keep your purchase receipt as proof of purchase.

Recycling Information: For information on recycling this product, including proper disposal of broken or damaged lamps, please visit the relevant sections on the STEINEL website or consult local waste management guidelines.

Related Documents - 311046

	STEINEL IS 2360 ECO: Bewegungsmelder Bedienungsanleitung Umfassende Anleitung für den STEINEL IS 2360 ECO Bewegungsmelder, inklusive Installationshinweisen, technischen Daten, Funktionen und Fehlerbehebung für eine optimale Nutzung.
	Steinel RS 16 LED: Installations- und Bedienungsanleitung für Sensor-Decken-/Wandleuchte Umfassende Anleitung für die Steinel RS 16 LED Sensorleuchte, einschließlich Installation, Funktionseinstellungen, Sicherheitshinweisen und Fehlerbehebung. Erfahren Sie, wie Sie Ihre bewegungsaktivierte LED-Leuchte sicher installieren und bedienen.
	STEINEL RS LED M1: Montage- und Bedienungsanleitung Umfassende Anleitung für die STEINEL RS LED M1 Innenleuchte mit Bewegungsmelder, die Installation, Bedienung, technische Daten und Fehlerbehebung abdeckt.

 XLED CAM 1 SC	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.
 IR Quattro HD-2 COM1/COM2/BT IPD	STEINEL IR Quattro HD-2 COM1/COM2/BT IPD Presence Detector Manual User and installation manual for the STEINEL IR Quattro HD-2 series presence detectors, detailing features, electrical connections, mounting, functions, settings, technical data, and troubleshooting for COM1, COM2, and BT IPD models.
	STEINEL IS 2180-2 Infrarot-Bewegungsmelder: Montageanleitung und technische Informationen Umfassende Montageanleitung für den STEINEL IS 2180-2 Infrarot-Bewegungsmelder. Enthält technische Daten, Installationsschritte, Funktionsbeschreibungen, Fehlerbehebung und Garantieinformationen. Das Dokument ist in mehreren Sprachen verfügbar, mit Fokus auf Deutsch.