

## Steinel 311569

# Steinel RS PRO R10 basic SC Sensor LED Indoor Light User Manual

Model: 311569

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, setup, operation, and maintenance of your Steinel RS PRO R10 basic SC Sensor LED Indoor Light. Please read these instructions carefully before beginning installation or use, and retain them for future reference.

The Steinel RS PRO R10 basic SC is a smart sensor-controlled LED indoor light designed for versatile applications. It features Bluetooth connectivity for app-based configuration, a high-precision HF sensor for reliable motion detection, and multiple light functions including basic, dimmable main, and emergency lighting.

## 2. SAFETY INSTRUCTIONS

- **Electrical Installation:** Installation must be performed by a qualified electrician in accordance with national wiring regulations and local electrical codes. Ensure the power supply is disconnected before any installation or maintenance work.
- **Voltage:** Ensure the supply voltage matches the requirements specified on the product label.
- **Mounting:** Mount the light fixture securely on a stable surface. Do not install on unstable or vibrating surfaces.
- **Heat:** Do not cover the light fixture with insulating material. Ensure adequate ventilation.
- **Cleaning:** Only clean the fixture with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Modifications:** Do not modify the product in any way. Unauthorized modifications may void the warranty and pose safety risks.

## 3. PACKAGE CONTENTS

Please check that all components are present and undamaged. If any parts are missing or damaged, contact your supplier.

- Steinel RS PRO R10 basic SC Sensor LED Indoor Light

- Mounting hardware (screws, wall plugs)
- Instruction manual

## 4. PRODUCT OVERVIEW AND FEATURES

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The Steinel RS PRO R10 basic SC is a versatile LED indoor light with integrated sensor technology and smart control capabilities. It is designed for efficient and convenient lighting in various indoor environments.



Image: Multiple Steinel RS PRO R10 basic SC lights installed in a modern concrete hallway, demonstrating their application in a contemporary setting.

### Key Features:

- **Smart Connectivity:** Wireless configuration via Bluetooth and a dedicated smartphone app.
- **High-Precision HF Sensor:** Reliable motion detection with a range of up to 10 meters.
- **Three Light Functions:** Includes basic light, dimmable main light, and emergency light.
- **Uniform Light Distribution:** Opal diffuser cover ensures even illumination.
- **Energy Efficient:** 8.5 W power consumption with 1053 lumens output.
- **Color Temperature:** 4000K (neutral white).
- **Future-Proof:** Modern Bluetooth technology with update and IoT capabilities.

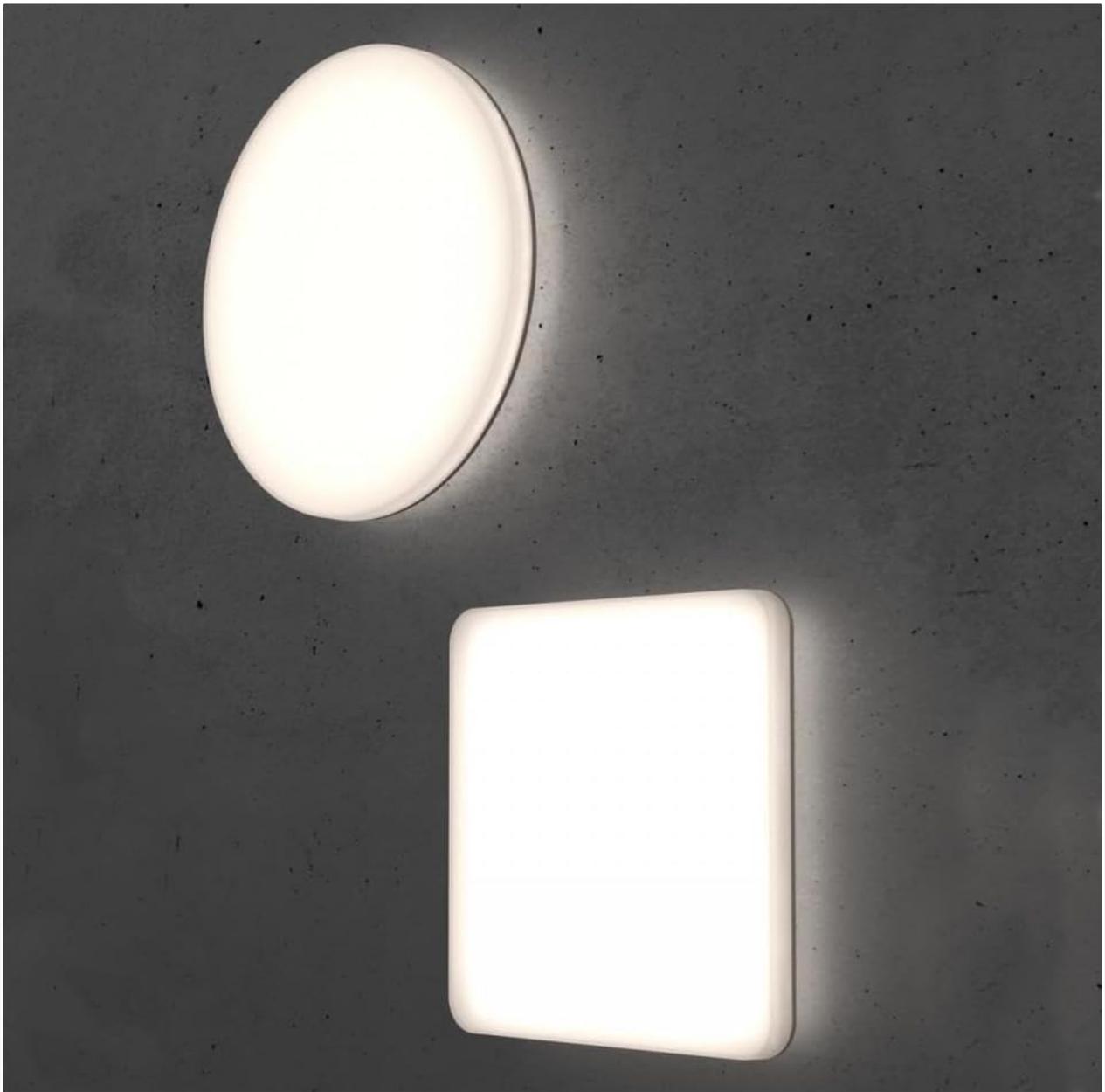


Image: A close-up view showing both round and square variants of the Steinel RS PRO R-series light fixtures, highlighting their design versatility.

## 5. SPECIFICATIONS

Parameter	Value
Model	RS PRO R10 basic SC (Model No. 311569)
Power Consumption	8.5 W
Luminous Flux	1053 lm
Color Temperature	4000K (Neutral White)
Sensor Type	High-frequency (HF)
Sensor Range	Up to 10 m
Dimensions (Diameter x Height)	300 mm x 55 mm

Parameter	Value
Connectivity	Bluetooth
Light Functions	Basic light, Dimmable main light, Emergency light

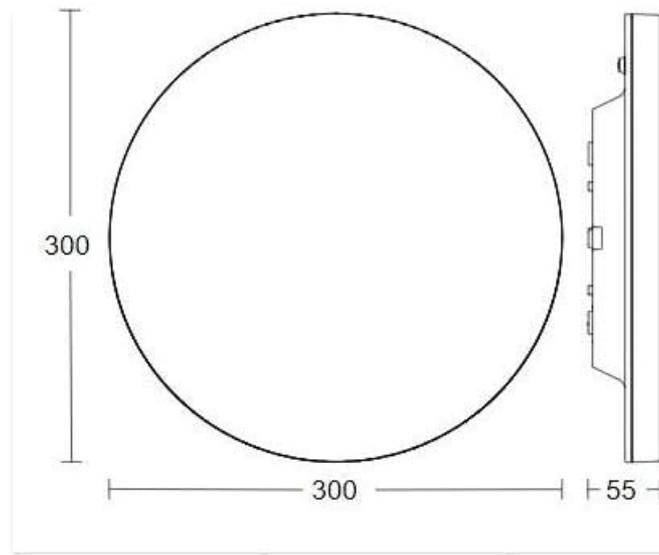


Image: Technical drawing illustrating the dimensions of the round Steinel RS PRO R10 basic SC light fixture, showing a diameter of 300mm and a height of 55mm.

## 6. INSTALLATION

**Important:** Installation must be carried out by a qualified electrician. Ensure the power supply is switched off at the main circuit breaker before commencing any work.

1. **Preparation:** Choose a suitable mounting location on a wall or ceiling, ensuring it is free from obstructions and has access to the electrical supply.
2. **Marking:** Use the mounting plate (if separate) or the fixture itself as a template to mark the drilling points on the surface.
3. **Drilling:** Drill holes at the marked positions and insert appropriate wall plugs.
4. **Wiring:** Connect the electrical wires (Live, Neutral, Earth) to the corresponding terminals on the light fixture. Ensure all connections are secure and correctly insulated.
5. **Mounting:** Secure the light fixture to the wall or ceiling using the provided screws. Ensure it is firmly attached.
6. **Power On:** Restore power to the circuit. The light should briefly illuminate to indicate successful installation.



Image: A single round Steinel RS PRO R10 basic SC light fixture installed on a wall, demonstrating its illumination in an indoor setting.



Image: A person walking past a round Steinel RS PRO R10 basic SC light fixture in a hallway with stairs and an elevator, illustrating its use in a public or common area.

## 7. SETUP AND CONFIGURATION (APP CONTROL)

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The Steinel RS PRO R10 basic SC light is configured wirelessly via Bluetooth using a dedicated smartphone app.

1. **Download the App:** Download the Steinel Connect app from your smartphone's app store (iOS or Android).
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
3. **Pairing:** Open the Steinel Connect app and follow the on-screen instructions to discover and pair with your RS PRO R10 basic SC light.
4. **Configuration:** Within the app, you can adjust various settings, including:
  - **Sensor Sensitivity:** Adjust the detection range and sensitivity of the HF sensor.
  - **Time Settings:** Set the duration the main light remains on after motion detection.
  - **Basic Light Level:** Configure the brightness of the basic light function (continuous low-level illumination).
  - **Main Light Level:** Adjust the brightness of the main light function (triggered by motion).
  - **Emergency Light:** Configure emergency lighting settings, including connection to central battery systems if applicable.
  - **Neighboring Group Function:** Set up groups of lights for synchronized operation.

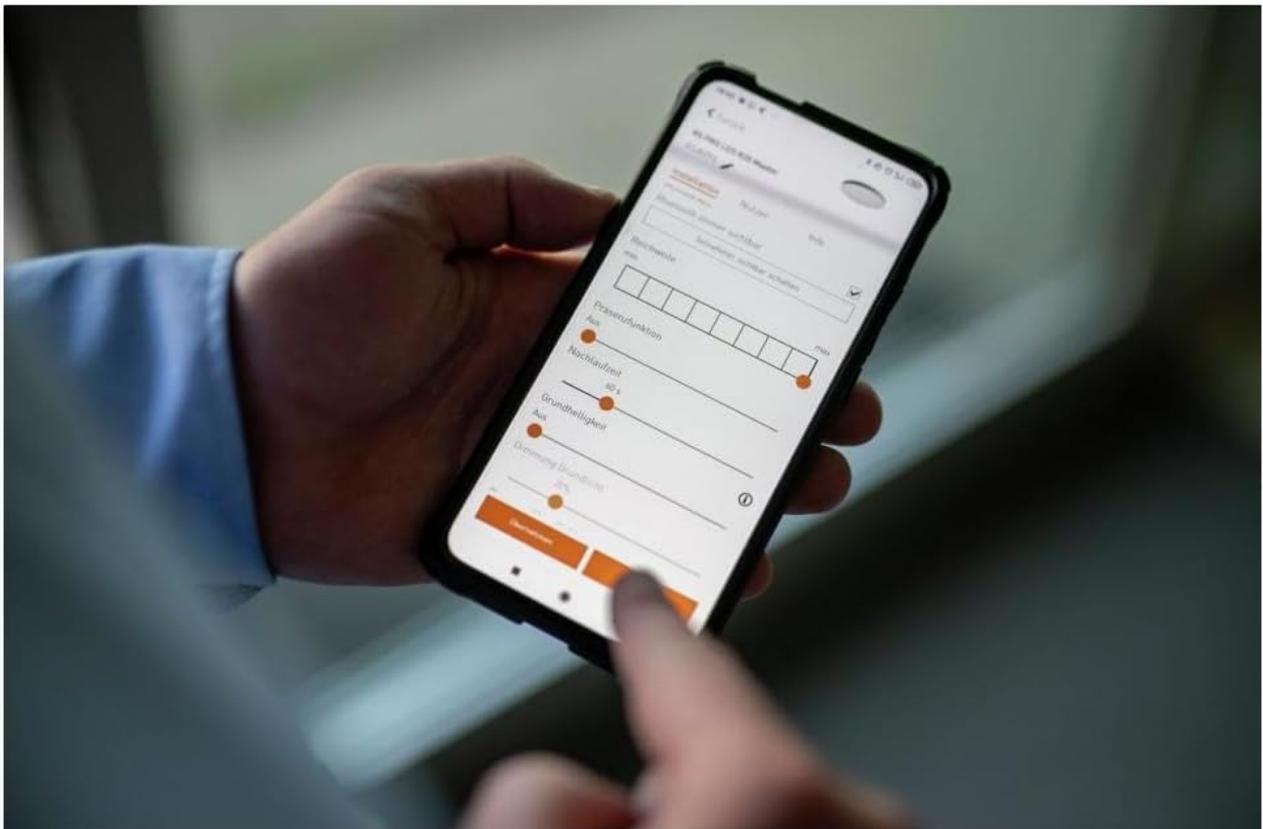


Image: A hand holding a smartphone displaying the Steinel Connect app interface, showing various settings for light control and configuration.

## 8. OPERATING INSTRUCTIONS

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Once configured, the Steinel RS PRO R10 basic SC operates automatically based on its sensor settings.

- **Motion Detection:** The integrated HF sensor detects movement within its configured range.

- **Basic Light:** If enabled, the light will maintain a low-level illumination (basic light) during periods of no motion or low ambient light.
- **Main Light:** Upon detecting motion, the light will switch to the full brightness (main light) for the set duration. After the set time, it will return to basic light or switch off, depending on settings.
- **Emergency Light:** In case of a power failure, if an optional battery emergency light module is connected or if integrated with a central battery system, the light will provide emergency illumination.



Image: A round Steinel RS PRO R10 basic SC light fixture installed on a wall next to a staircase, illuminated to provide lighting in a transitional area.

## 9. MAINTENANCE

- **Cleaning:** Regularly clean the light fixture with a soft, dry, lint-free cloth. Do not use abrasive cleaning agents, solvents, or harsh chemicals, as these can damage the surface.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. If any issues are found, disconnect power and consult a qualified electrician.
- **LEDs:** The LEDs in this fixture are not user-replaceable. Do not attempt to open the sealed LED compartment.

## 10. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply, incorrect wiring, faulty fixture.	Check circuit breaker. Verify wiring connections. Contact a qualified electrician if issues persist.

Problem	Possible Cause	Solution
Light stays on continuously.	Continuous motion detected, sensor sensitivity too high, incorrect app settings.	Check for constant movement in the detection area. Reduce sensor sensitivity via the app. Review app settings for time-on duration.
Light does not detect motion.	Sensor range too low, obstruction, incorrect app settings.	Increase sensor range/sensitivity via the app. Ensure no objects are blocking the sensor's field of view.
Cannot connect via Bluetooth.	Bluetooth off, app issue, light too far.	Ensure Bluetooth is enabled on your device. Restart the app and the light (by cycling power). Move closer to the light.

## 11. WARRANTY AND SUPPORT

Steinel products are manufactured to the highest quality standards and are subject to strict quality controls. For information regarding warranty terms and conditions, please refer to the warranty card included with your product or visit the official Steinel website. For technical support or service inquiries, please contact your local Steinel distributor or customer service.

## 12. DISPOSAL

This product must not be disposed of with normal household waste. It contains electronic components that require special disposal. Please dispose of the product at designated collection points for electrical and electronic waste in accordance with local regulations. Proper disposal helps protect the environment and human health.