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Steinel BRS 66

Steinel BRS 66 L Motion Sensor Bathroom Light

Model: BRS 66 | Brand: Steinel

1. INTRODUCTION AND OVERVIEW

Thank you for choosing the Steinel BRS 66 L Motion Sensor Bathroom Light. This high-quality luminaire is designed for automatic illumination in bathrooms and other suitable indoor/outdoor areas, offering convenience and energy efficiency. Featuring a high-frequency sensor with 360° detection, an elegant aluminum chassis, and an opal glass globe, this light is rated IP44, making it splash-proof and ideal for damp environments.



Figure 1: The Steinel BRS 66 L light seamlessly integrated into a modern bathroom setting.

2. SAFETY INSTRUCTIONS

- **Electrical Installation:** Installation must be carried out by a qualified electrician in accordance with national wiring regulations and local electrical codes.
- **Power Disconnection:** Always disconnect the power supply at the main fuse box before commencing any installation, maintenance, or repair work.
- **Voltage:** Ensure the supply voltage matches the specifications of the luminaire.
- **IP44 Rating:** This product is rated IP44, meaning it is protected against solid objects over 1mm and against splashing water from any direction. It is suitable for bathroom zones 2 and 3. Do not install in bathroom zone 1 (directly above bath/shower).
- **Bulb Type:** Use only G9 halogen bulbs with a maximum wattage of 40W. Do not exceed the specified wattage.
- **Heat:** Halogen bulbs generate heat. Ensure adequate ventilation and do not cover the luminaire.

3. PACKAGE CONTENTS

Please check that all parts are present and undamaged:

- Steinel BRS 66 L Luminaire (with integrated sensor)
- Mounting hardware (screws, wall plugs)
- Instruction Manual

4. SETUP AND INSTALLATION

Follow these steps for safe and correct installation:

1. **Prepare for Installation:** Ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Mounting the Base:** Mark the drilling points on the wall or ceiling using the luminaire's base as a template. Drill holes and insert the provided wall plugs. Secure the luminaire's mounting base to the surface using the screws.
3. **Wiring:** Connect the electrical wires (Live, Neutral, Earth) from your mains supply to the corresponding terminals on the luminaire's terminal block. Ensure all connections are secure and correctly insulated.
4. **Attach the Luminaire Body:** Carefully attach the main body of the luminaire to the mounting base, ensuring it is securely fastened.
5. **Insert Bulbs:** Gently insert two G9 halogen bulbs (max. 40W each) into their respective sockets.
6. **Attach Glass Globe:** Carefully place the opal glass globe over the bulbs and secure it according to the fixture's design (e.g., by twisting or using retaining clips).
7. **Restore Power:** Once installation is complete and all parts are securely in place, restore power at the circuit breaker.

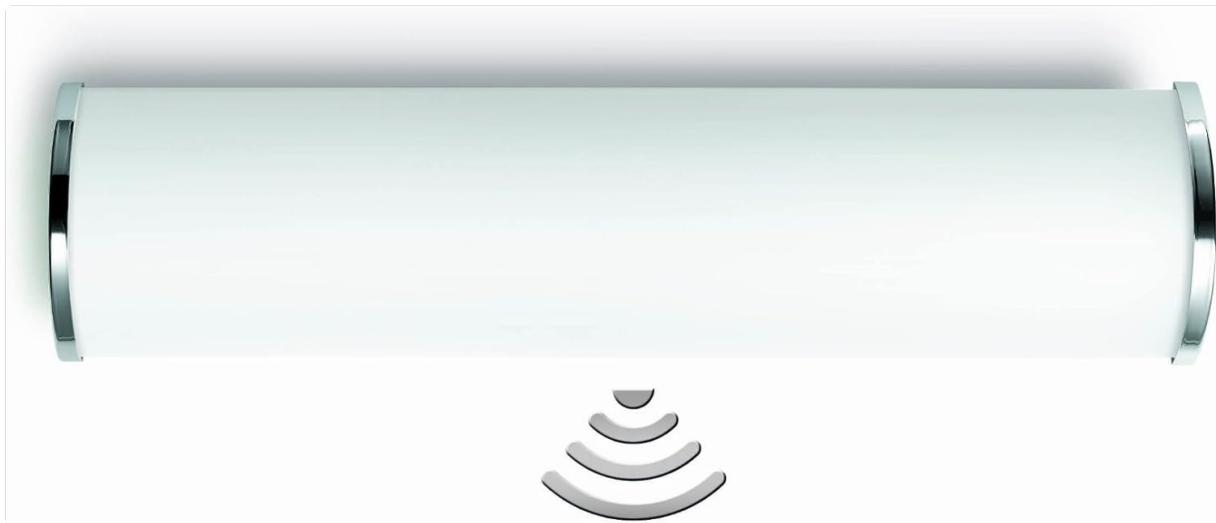


Figure 2: The high-frequency sensor provides 360° detection, indicated by the wave pattern.



Figure 3: Key features of the BRS 66 L, including its high-frequency sensor and IP44 protection.

5. OPERATING INSTRUCTIONS

The Steinel BRS 66 L features an integrated high-frequency motion sensor for automatic operation.

- **Automatic On/Off:** Once power is supplied, the light will automatically turn on when motion is detected within its 360° detection zone and turn off after a set delay when no further motion is detected.
- **Sensor Adjustment:** The sensor's sensitivity (reach) and twilight threshold (when the light should activate based on ambient light) can be adjusted. These adjustments are typically made via small dials or switches located on the sensor unit, often accessible by carefully removing the glass globe. Refer to the detailed diagrams in the full manual for precise locations.
- **Optimal Placement:** For best performance, ensure the light is placed where its 360° detection field is not obstructed by large objects.

6. MAINTENANCE

- **Cleaning:** To clean the luminaire, ensure the power is disconnected. Use a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or glass.
- **Bulb Replacement:** If a bulb fails, disconnect the power supply. Carefully remove the glass globe and then the faulty G9 bulb. Insert a new G9 halogen bulb (max. 40W). Reattach the glass globe and restore power.
- **Regular Checks:** Periodically check the mounting screws for tightness and the electrical connections for any signs of wear or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Faulty bulb. Sensor settings incorrect (e.g., twilight threshold too high).	Check circuit breaker and wiring. Replace bulb. Adjust sensor's twilight setting.

Problem	Possible Cause	Solution
Light stays on continuously.	Constant motion detected. Sensor faulty. Wiring error.	Check for continuous movement in detection zone. Contact customer support if sensor is suspected faulty. Verify wiring connections.
Light turns on too frequently/not frequently enough.	Sensor sensitivity (reach) set too high/low.	Adjust the sensor's sensitivity dial to decrease or increase detection range.
Light flickers.	Loose connection. Incompatible bulb. Power fluctuations.	Check wiring connections. Ensure correct G9 halogen bulb is used. Consult an electrician if power fluctuations are suspected.

8. SPECIFICATIONS

Feature	Specification
Model Number	BRS 66
Brand	Steinel
Protection Index	IP44
Material	Aluminum chassis, Opal glass globe
Finish Type	Chrome
Number of Bulbs	2
Max. Electrical Power	40 Watts per bulb (Total 80W)
Bulb Type	Halogen
Socket Type	G9
Bulb Features	Automatic On/Off
Sensor Type	High-frequency motion sensor
Detection Angle	360°
Specific Uses	Indoor and Outdoor (Bathroom, Hallway, etc.)
Product Weight	1.28 kg

9. WARRANTY AND SUPPORT

Steinel products are manufactured to the highest quality standards. For information regarding the warranty period and terms, please refer to the documentation provided with your purchase or visit the official Steinel website. For technical support, spare parts, or service inquiries, please contact your local Steinel dealer or customer service department. Always provide the model number (BRS 66) when seeking support.

