SEBSON WAL_SENSOR_Q_INT

SEBSON LED Outdoor Wall Light with Motion Detector

Model: WAL_SENSOR_Q_INT

1. Introduction

Thank you for choosing the SEBSON LED Outdoor Wall Light. This manual provides important information regarding the installation, operation, and maintenance of your new light fixture. Please read it thoroughly before installation and keep it for future reference.

This modern anthracite wall light is designed for both indoor and outdoor use, featuring integrated LEDs and a highly sensitive motion detector to provide efficient and convenient illumination.

2. Safety Instructions

- **Electrical Safety:** Installation must be carried out by a qualified electrician in accordance with local wiring regulations. Ensure the power supply is disconnected before installation, maintenance, or repair.
- **Voltage:** This product operates on 230 Volts. Verify your power supply matches this requirement.
- **IP65 Protection:** The light is protected against jets of water and dust, making it suitable for outdoor use. However, do not immerse the product in water.
- **Non-Replaceable LEDs:** The integrated LEDs are not replaceable. Do not attempt to open the light fixture to replace them.
- **Heat:** The light may become warm during operation. Do not touch the light directly after prolonged use.
- **Disposal:** Dispose of the product responsibly at the end of its lifespan, following local regulations for electronic waste.

3. Package Contents

Please check that all components are present and undamaged:

- 1 x SEBSON LED Outdoor Wall Light
- 2 x Wall Plugs
- 2 x Screws

4. Product Overview

The SEBSON LED Outdoor Wall Light features a sleek, rectangular design with light output directed both upwards and downwards. The integrated PIR motion sensor is centrally located for optimal detection.

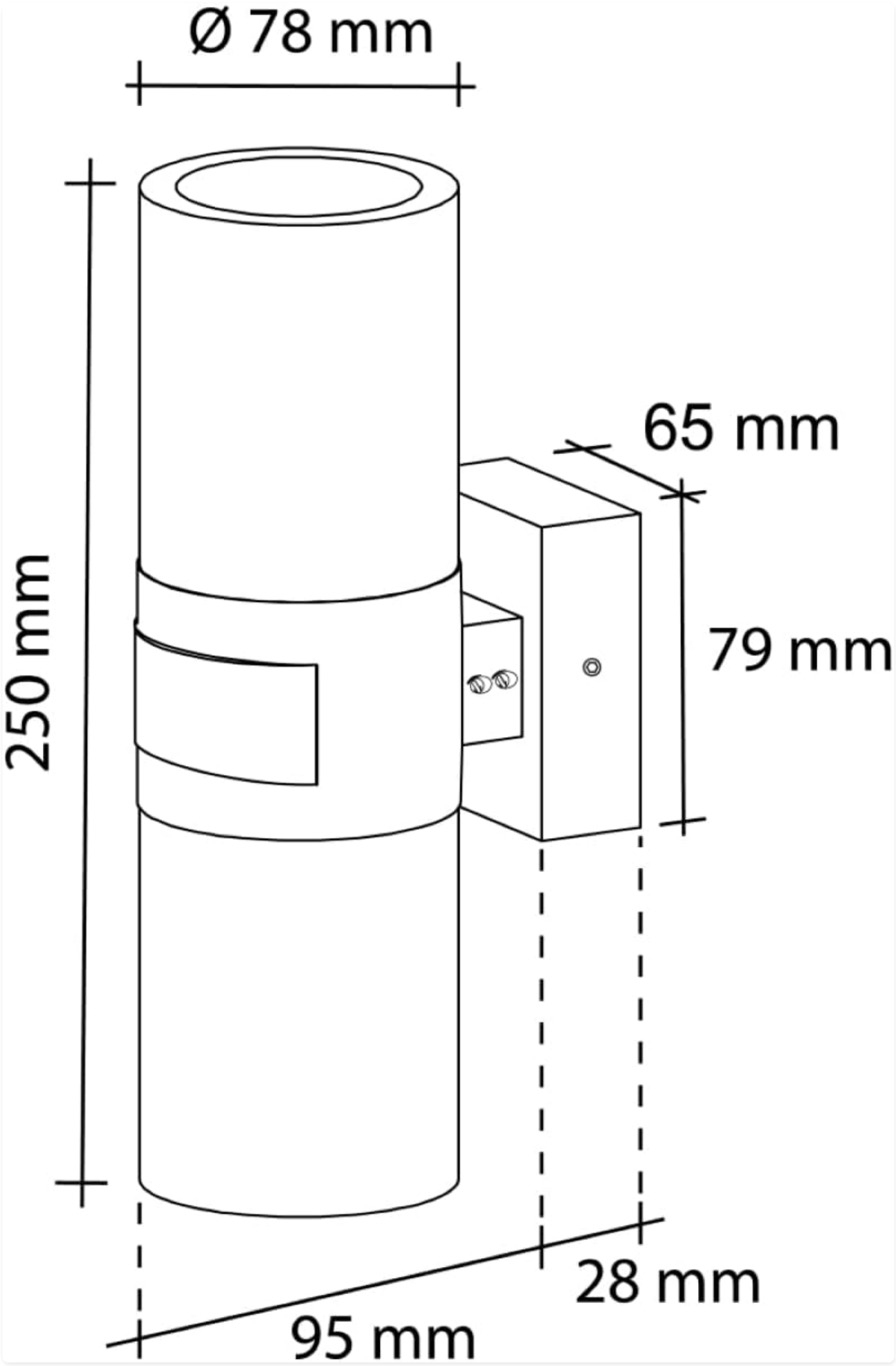




Front view of the SEBSON LED Outdoor Wall Light, showcasing its anthracite finish and dual light output.



Two units of the SEBSON LED Outdoor Wall Light, showing both the front and side profiles.



Technical drawing illustrating the dimensions of the light fixture: 250mm height, 78mm diameter, and 95mm depth from the wall.

5. Setup and Installation

Important: Ensure the main power supply is switched off before beginning installation.

1. **Choose Location:** Select a suitable mounting location on a wall, ensuring it is within reach of the electrical wiring. Consider the desired detection area for the motion sensor.
2. **Mark Drilling Points:** Use the mounting plate on the back of the light fixture as a template to mark the drilling points on the wall.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall material. Insert the provided wall plugs.
4. **Wiring:** Connect the electrical wires from your power supply to the terminals on the light fixture. Ensure correct polarity (Live, Neutral, Earth). Secure all connections.
5. **Mount the Light:** Align the light fixture with the drilled holes and secure it to the wall using the provided screws. Ensure it is firmly attached.
6. **Restore Power:** Once installation is complete and all connections are secure, restore power to the circuit.





Rear view of the light fixture, illustrating the mounting plate and wiring access point.

6. Operating Instructions

The SEBSON LED Outdoor Wall Light is equipped with a PIR motion sensor that allows for customization of its operation.

Motion Sensor Settings:

The motion sensor has two adjustable dials, typically located on the underside or side of the sensor unit:



Close-up view of the 'TIME' and 'LUX' adjustment dials on the motion sensor.

- **TIME (Duration of Illumination):** This dial controls how long the light remains on after motion is detected. It can be adjusted from approximately 10 seconds to 5 minutes. Turn the dial clockwise to increase the duration, and counter-clockwise to decrease it.
- **LUX (Light Sensitivity):** This dial determines the ambient light level at which the sensor will activate the light. It can be adjusted from 3 LUX (darkness) to 2000 LUX (daylight).
  - Set to the 'sun' symbol (high LUX) for the light to activate during both day and night when motion is detected.
  - Set to the 'moon' symbol (low LUX) for the light to activate only when it is dark enough and motion is detected.

Detection Range:

The motion detector has a detection range of up to 12 meters and a detection angle of 180 degrees. The optimal mounting height is between 1.8m and 2.5m.

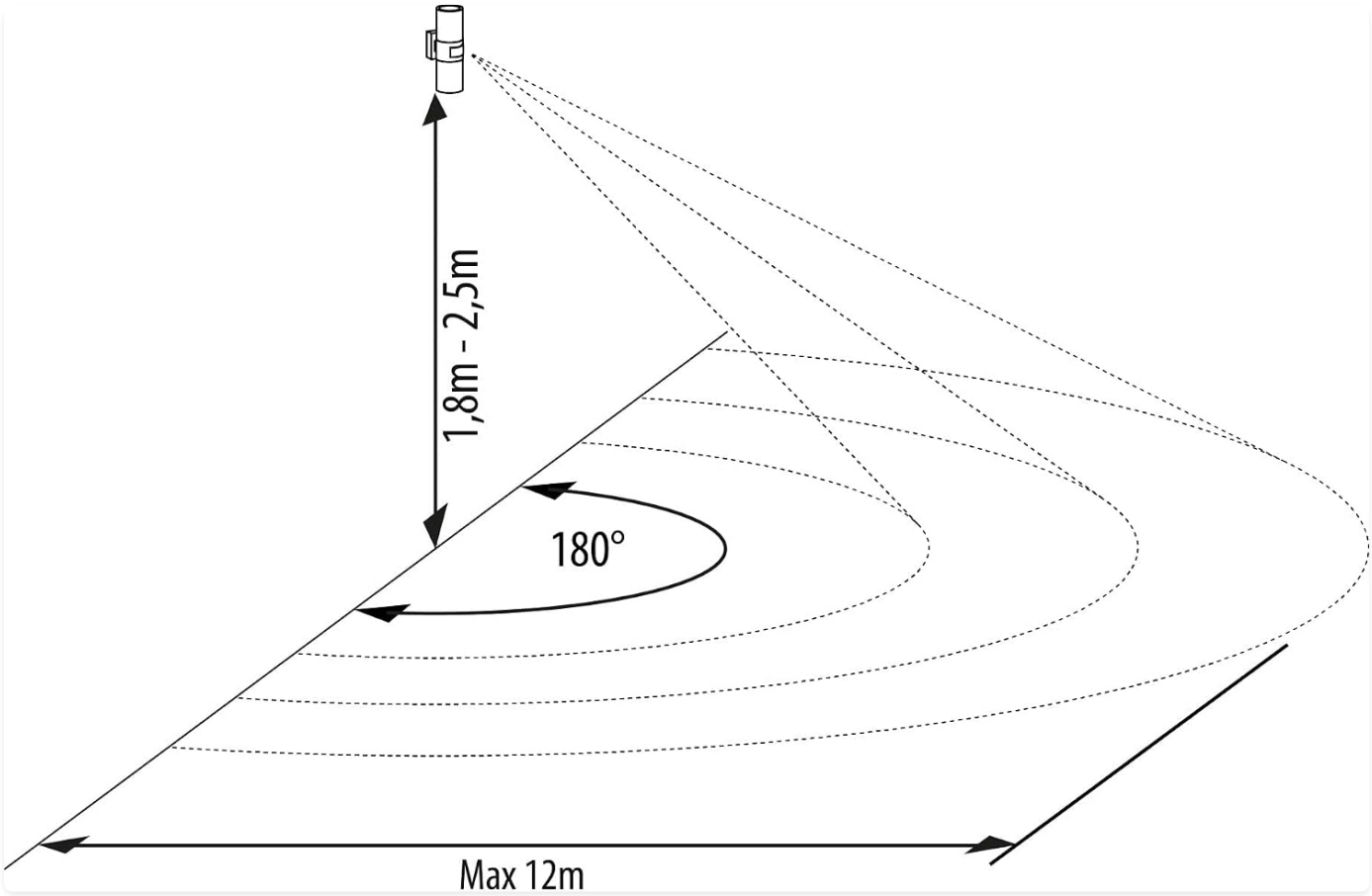


Diagram illustrating the 180-degree detection angle and up to 12-meter range of the motion sensor, with an optimal mounting height of 1.8m to 2.5m.

7. Maintenance

To ensure the longevity and optimal performance of your SEBSON LED Outdoor Wall Light, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the light fixture with a soft, damp cloth to remove dust and dirt. Do not use abrasive cleaners or solvents, as these can damage the finish.
- **Inspection:** Periodically check the light for any signs of damage, such as cracks in the housing or loose wiring. If any damage is found, disconnect power and consult a qualified electrician for repair.
- **Sensor Area:** Keep the motion sensor lens clean and free from obstructions (e.g., spiderwebs, leaves) to ensure accurate detection.

8. Troubleshooting

If you encounter issues with your SEBSON LED Outdoor Wall Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty wiring; LUX setting too high; sensor malfunction.	Check power connection and circuit breaker. Verify wiring connections. Adjust LUX setting to 'moon' symbol for testing in darkness. If problem persists, consult an electrician.

Problem	Possible Cause	Solution
Light stays on continuously.	Constant motion in detection area; TIME setting too long; sensor malfunction.	Ensure no continuous motion. Reduce TIME setting. Check for obstructions near the sensor.
Light flashes or flickers.	Unstable power supply; loose wiring; faulty unit.	Check power supply stability. Inspect wiring connections. If problem persists, the unit may be faulty and require replacement.
Motion sensor not detecting.	LUX setting too low; sensor obstructed; incorrect mounting height.	Adjust LUX setting to 'sun' symbol for testing. Clear any obstructions from the sensor lens. Ensure mounting height is within optimal range (1.8m - 2.5m).

9. Specifications

Feature	Specification
Brand	SEBSON
Model Number	WAL_SENSOR_Q_INT
Dimensions (L x W x H)	25 x 7.8 x 12.3 cm
Weight	613 g
Material	Plastic
Color	Anthracite
Power Source	Corded Electric
Voltage	230 Volts
Wattage	20 Watts
Luminous Flux	2200 lm
Color Temperature	5800 Kelvin (Cool White)
Color Rendering Index (CRI)	85.00
Average Lifespan	15000 Hours
IP Rating	IP65
Motion Sensor Detection Range	Max 12m
Motion Sensor Detection Angle	180°
Adjustable Lighting Duration	10 seconds - 5 minutes
Adjustable Light Sensitivity (LUX)	3 - 2000 LUX

Feature	Specification
Dimmable	No

10. Warranty and Support

SEBSON products are manufactured with high-quality standards. For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official SEBSON website.

For technical support, troubleshooting assistance, or any questions not covered in this manual, please contact SEBSON customer service through their official channels. Keep your purchase receipt or proof of purchase handy when contacting support.

SEBSON Contact Information:
Please refer to the contact details provided on the product packaging or the official SEBSON website for the most up-to-date support information.

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