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SEBSON WAL_SENSOR_D_INT

SEBSON Outdoor LED Wall Light

Instruction Manual

Model: WAL_SENSOR_D_INT

1. Introduction

Thank you for choosing the SEBSON Outdoor LED Wall Light with PIR Motion Sensor. This manual provides essential information for the safe installation, operation, and maintenance of your new light. Please read these instructions carefully before installation and retain them for future reference.

2. Safety Information

- Installation must be carried out by a qualified electrician in accordance with local wiring regulations.
- Always disconnect the power supply before installation, maintenance, or repair.
- Ensure the product is suitable for the intended installation environment. This light has an IP65 rating, making it suitable for outdoor use and protected against dust and low-pressure water jets.
- Do not attempt to modify the product. Non-replaceable LEDs are integrated into the unit.
- Keep packaging materials away from children.

3. Product Overview

The SEBSON Outdoor LED Wall Light is a modern, energy-efficient lighting solution designed for outdoor spaces such as gardens, garages, and driveways. It features an integrated PIR motion sensor for automatic illumination and a durable, weather-resistant anthracite finish.





Figure 3.1: Front view of the SEBSON Outdoor LED Wall Light.

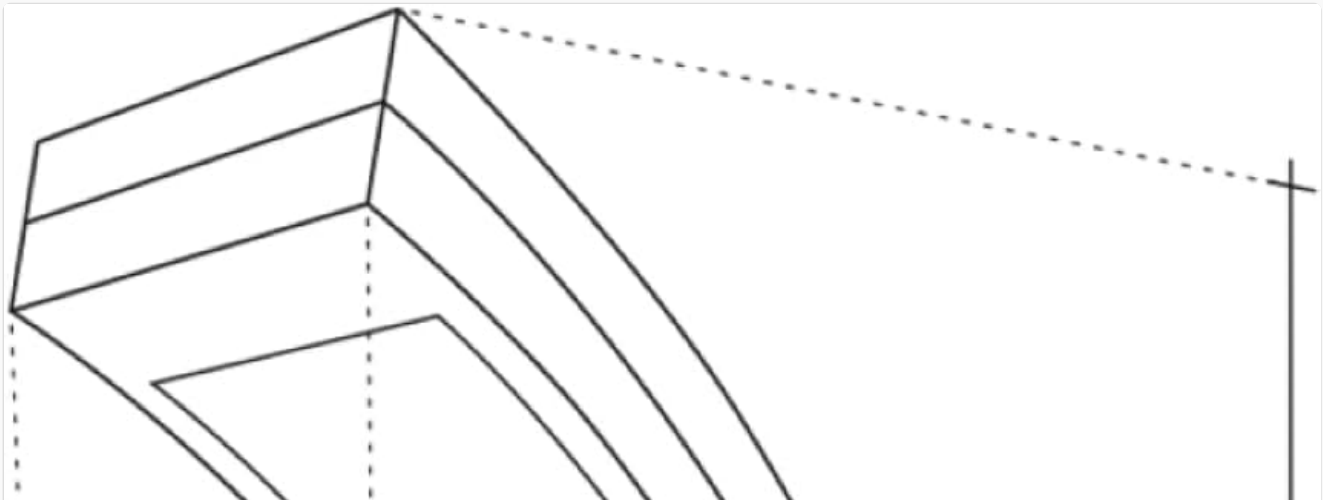


Figure 3.2: Key features including motion sensor, programmability, IP65 rating, and integrated LEDs.

Components Included:

- 1 x SEBSON LED Wall Lamp
- 2 x Screws for fixing
- 2 x Dowels

Dimensions:



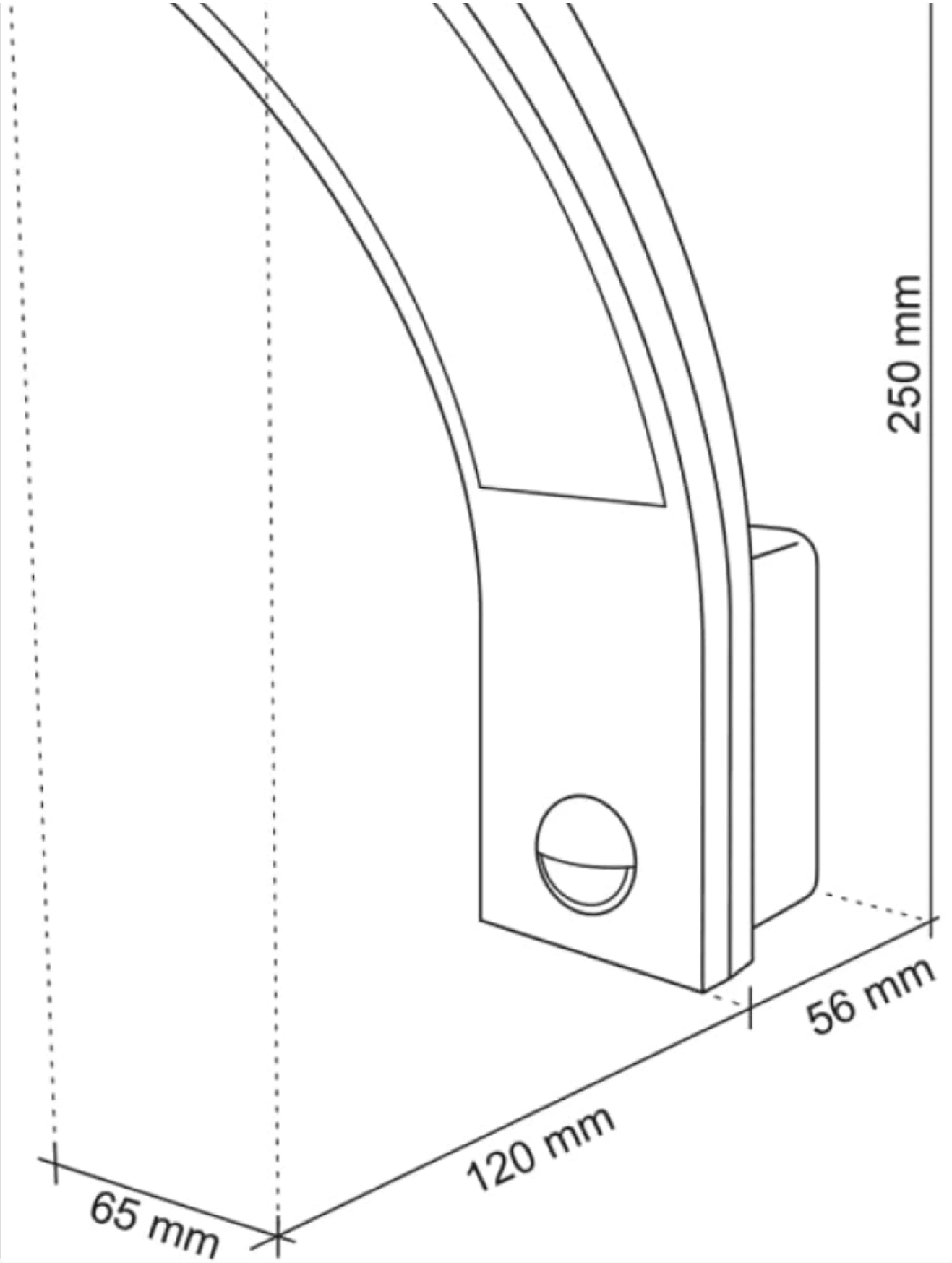


Figure 3.3: Product dimensions (approx. 250mm height, 120mm width, 65mm depth).

The light measures approximately 25 cm in height, 12 cm in width, and 6.5 cm in depth. Its compact design allows for versatile placement.

4. Setup and Installation

Before beginning installation, ensure the main power supply is switched off at the circuit breaker to prevent electric shock. This product is designed for mains power connection (230 Volts AC).

Installation Steps:

1. **Prepare the Mounting Surface:** Choose a suitable wall location. The light is designed for wall mounting.
2. **Attach Mounting Plate:** The light comes with a mounting plate. Use the supplied screws and dowels to securely attach this plate to the wall. Ensure the plate is level.
3. **Wire Connection:** Connect the mains wiring to the pre-installed terminal block (often referred to as a 'chocolate block connector') inside the light's base. Ensure all connections are secure and correctly polarized (Live, Neutral). This unit is double insulated, but proper wiring is crucial.
4. **Secure the Light:** Once wiring is complete, carefully attach the light fixture to the mounting plate. Ensure it clicks or screws into place securely, forming a tight seal to maintain its IP65 rating.
5. **Restore Power:** Once installation is complete and all connections are checked, restore power at the circuit breaker.





Figure 4.1: Rear view of the light, illustrating the mounting mechanism.

5. Operating Instructions

The SEBSON Outdoor LED Wall Light features a PIR (Passive Infrared) motion sensor that detects movement and activates the light. The sensor has adjustable settings for optimal performance.

Motion Sensor Settings:

The sensor's settings are located under a rotatable cover just above the PIR sensor dome. Gently twist this cover to reveal the adjustment dials.



Figure 5.1: Close-up of the sensor with adjustable LUX and TIME dials.

- **LUX (Light Sensitivity):** This dial controls the ambient light level at which the sensor will activate the light.
  - Adjustable range: 3 LUX (darkness) to 2000 LUX (daylight).
  - Turn towards the 'moon' symbol for activation only in low light/darkness.
  - Turn towards the 'sun' symbol for activation in brighter conditions (e.g., during the day for testing).
- **TIME (Light Duration):** This dial sets how long the light remains on after motion is detected and no further motion is sensed.
  - Adjustable range: 10 seconds to 5 minutes.
  - Turn clockwise to increase the duration, counter-clockwise to decrease.

Detection Area:

The motion sensor has a detection range of up to 9 meters within a 140° field of vision. Optimal installation height is typically between 1.80m and 2.50m.

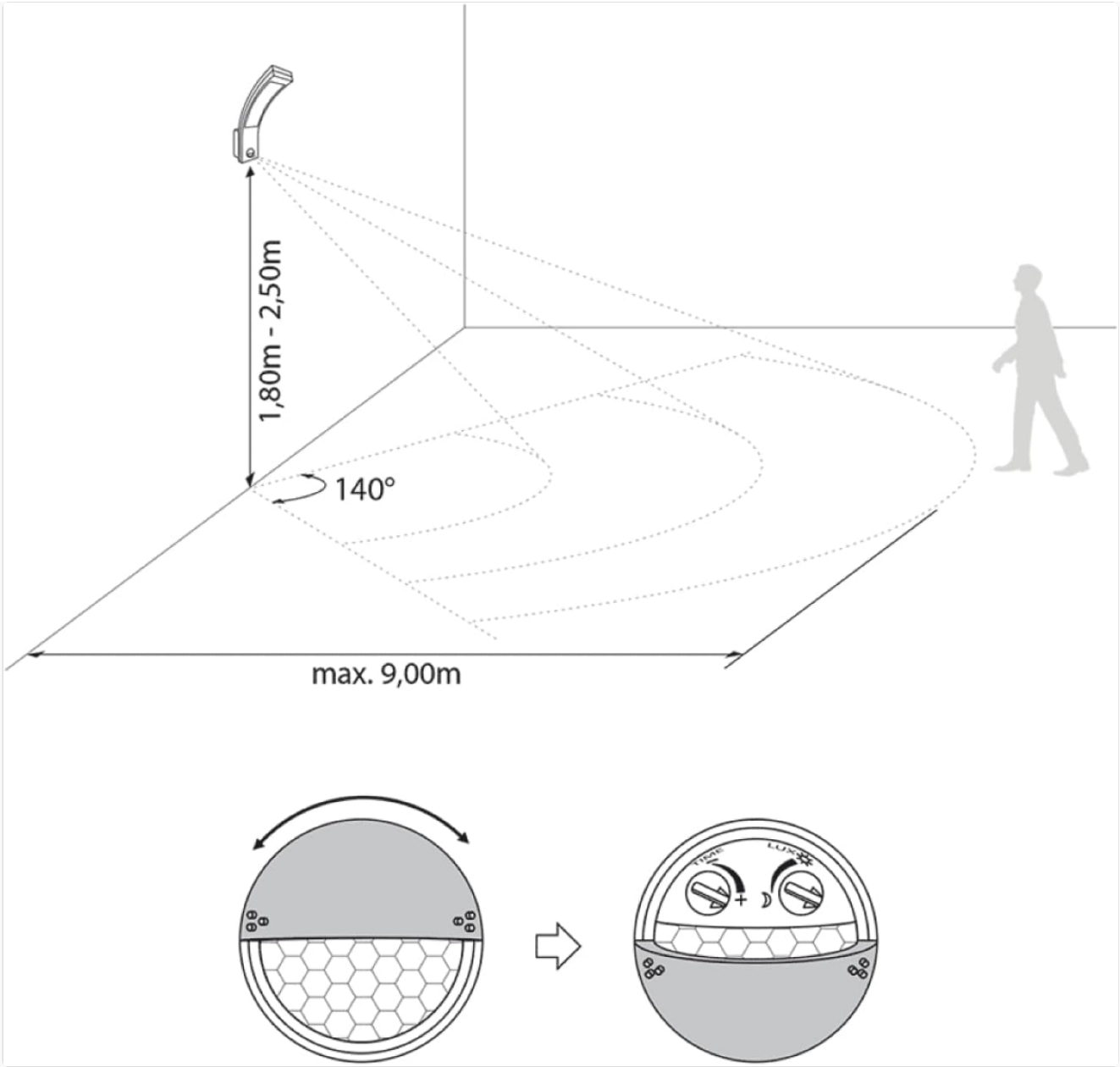


Figure 5.2: Motion sensor detection pattern and adjustment mechanism.

6. Maintenance

The SEBSON Outdoor LED Wall Light requires minimal maintenance due to its durable construction and integrated LED technology.

- **Cleaning:** To clean the light, ensure the power is off. Use a soft, damp cloth to wipe the surface. Do not use abrasive cleaners or solvents, as these can damage the finish or plastic components.
- **LEDs:** The LEDs are built-in and non-replaceable. The average lifespan of the LEDs is 15,000 hours.
- **Weather Protection:** The IP65 rating ensures protection against dust and water jets. Periodically check the seals and mounting for any signs of wear or damage to maintain this protection.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. LUX setting too low. Sensor obstructed.	Check power connection and circuit breaker. Adjust LUX dial towards 'sun' symbol for testing, or ensure ambient light is low enough. Clear any obstructions from the sensor's view.
Light stays on continuously.	Constant motion in detection area. TIME setting too long. Sensor malfunction.	Ensure no continuous motion is triggering the sensor. Adjust TIME dial to a shorter duration. If problem persists, contact customer support.
Light turns on too frequently/is too sensitive.	LUX setting too high. Sensor detecting unwanted movement (e.g., distant traffic, animals).	Adjust LUX dial towards 'moon' symbol. Reposition the light or partially mask the sensor's field of view to exclude unwanted areas.
Light is dim or flickering.	End of LED lifespan. Faulty wiring.	The LEDs are non-replaceable; if past expected lifespan, replacement of the unit may be necessary. Consult a qualified electrician to check wiring.

8. Specifications

Feature	Specification
Brand	SEBSON
Model Number	WAL_SENSOR_D_INT
Product Dimensions	25 x 6.5 x 17.6 cm
Item Weight	359 g
Material	Plastic, Polycarbonate
Colour	Anthracite
Voltage	230 Volts AC
Wattage	15 Watts
Luminous Flux	1000 Lumen
Colour Temperature	5800 Kelvin (Cool White)
Colour Rendering Index (CRI)	80.00
Beam Angle	140 Degrees
Average Life	15000 Hours
Switching Cycles	15000 cycles
Area Lighting Classification	IP65
Special Features	Motion Sensor, Not Dimmable

Feature	Specification
Date First Available	29 Jun. 2019

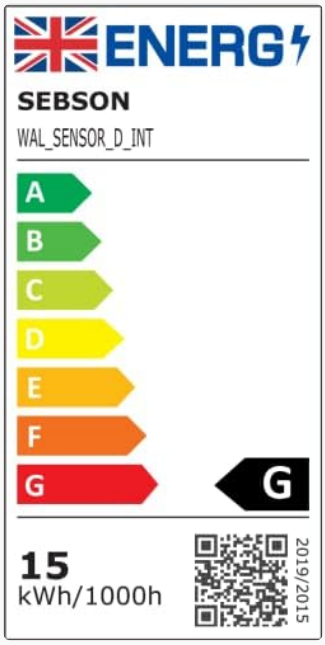


Figure 8.1: Energy efficiency label. For more details, visit eprel.ec.europa.eu/qr/731368.

9. Warranty and Support

SEBSON provides a 24-month warranty period for this product from the date of purchase. In case of any issues or defects within this period, please contact SEBSON customer support for assistance, repair, or replacement.
For further support or inquiries, please visit the official SEBSON store or contact their customer service department through the retailer where the product was purchased.

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