Ledvion LVO10075

Ledvion LED Wall Lamp with Motion Sensor

Model: LVO10075

1. PRODUCT OVERVIEW

The Ledvion LED Wall Lamp with Motion Sensor (Model LVO10075) is an outdoor lighting fixture designed for illuminating building facades and various exterior areas. Featuring an integrated LED light source with a color temperature of 3000 Kelvin and a power consumption of 7 Watts, this lamp provides efficient and warm illumination. Its IP44 rating ensures protection against dust and splashing water, making it suitable for outdoor use.

Equipped with a motion sensor, the lamp automatically activates when movement is detected, enhancing security and convenience. The robust aluminum and plastic construction ensures durability and resistance to rust and corrosion.

Image 1.1: Ledvion LED Wall Lamp with Motion Sensor installed on an exterior wall.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations. Ensure the power supply is disconnected at the main circuit breaker before any installation, maintenance, or repair work.

- **Outdoor Use:** This product is rated IP44 for outdoor use, providing protection against dust and splashing water. Ensure all connections are properly sealed to maintain this rating. Do not submerge the lamp in water.

- **Voltage:** Operate only with a 230 Volt AC power supply.

- **Heat:** The LED light source may become warm during operation. Do not touch the lamp directly after extended use.

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth. Do not use abrasive cleaners or solvents.

- **Disposal:** Dispose of the product responsibly according to local waste disposal regulations.

3. Package Contents

Verify that all components are present in the package before proceeding with installation:

- 1x Ledvion Wall Lamp with Motion Sensor
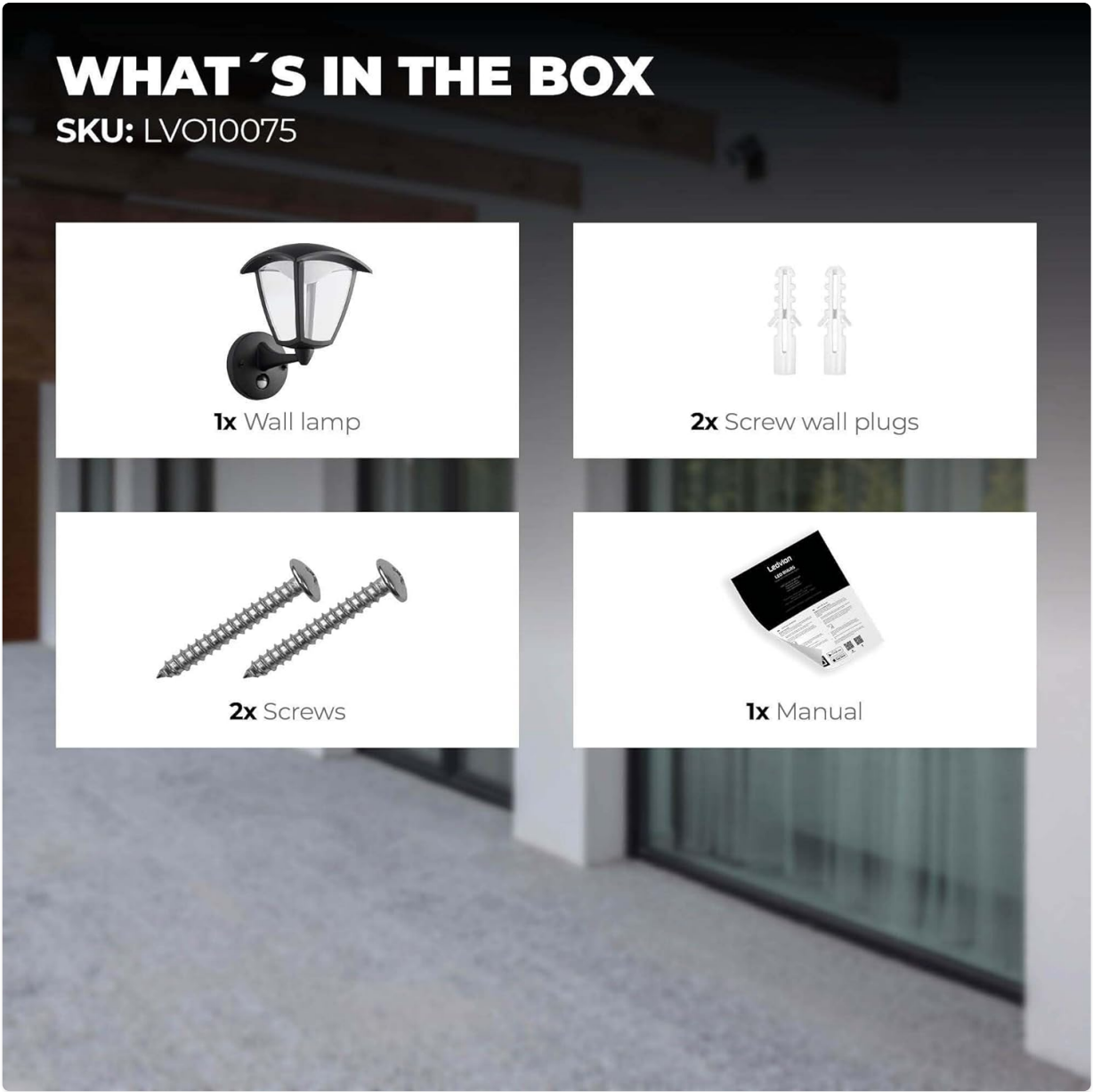- 2x Screw Wall Plugs
- 2x Screws
- 1x User Manual

Image 3.1: Included components in the product package.

4. Specifications

Feature	Specification
Brand	Ledvion
Model Number	LVO10075

Product Dimensions (H x W x D)	245 mm x 220 mm x 165 mm
Item Weight	940 g
Material	Aluminum, Plastic
Color	Black
Light Source Type	Integrated LED
Power	7 Watts
Luminous Flux	400 lumens
Color Temperature	3000 Kelvin (Warm White)
Voltage	230 Volts
Switch Style	Motion Sensor
IP Rating	IP44 (Dust and Splash-proof)
Indoor/Outdoor Use	Outdoor
Energy Efficiency Class	E

Image 4.1: Product dimensions of the Ledvion LED Wall Lamp.

Image 4.2: The Ledvion wall lamp is IP44 rated, making it resistant to dust and splashing water.

Image 4.3: Integrated SMD LED module providing 3000K warm white light.

For detailed energy information, please refer to the EU EPREL database:
https://eprel.ec.europa.eu/qr/1709566

5. SETUP AND INSTALLATION

Tools Required: Drill, screwdriver, pencil, measuring tape, wire strippers, electrical tape (optional).
Installation Steps:

1. **Disconnect Power:** Before starting any electrical work, ensure the power supply to the installation area is completely disconnected at the main circuit breaker.

2. **Choose Location:** Select a suitable outdoor location for the wall lamp, considering the desired illumination area and motion sensor coverage. Ensure the mounting surface is stable and can support the lamp's weight.

3. **Mark Drilling Points:** Hold the lamp's mounting bracket against the wall at the desired installation height. Use a pencil to mark the positions for the drill holes.

4. **Drill Holes:** Drill holes at the marked positions. Insert the provided screw wall plugs into the drilled holes.

5. **Wire Connections:** Carefully connect the household electrical wires to the lamp's terminals. Ensure

correct polarity (Live, Neutral, Earth) according to local wiring standards. Use appropriate connectors and ensure all connections are secure and insulated.

6. **Mount the Lamp:** Secure the lamp's mounting bracket to the wall using the provided screws. Ensure the lamp is firmly attached and stable.

7. **Restore Power:** Once installation is complete and all connections are secure, restore power at the main circuit breaker.

8. **Test Functionality:** Test the motion sensor and light operation.

6. OPERATING INSTRUCTIONS

The Ledvion LED Wall Lamp features an integrated motion sensor for automatic operation.
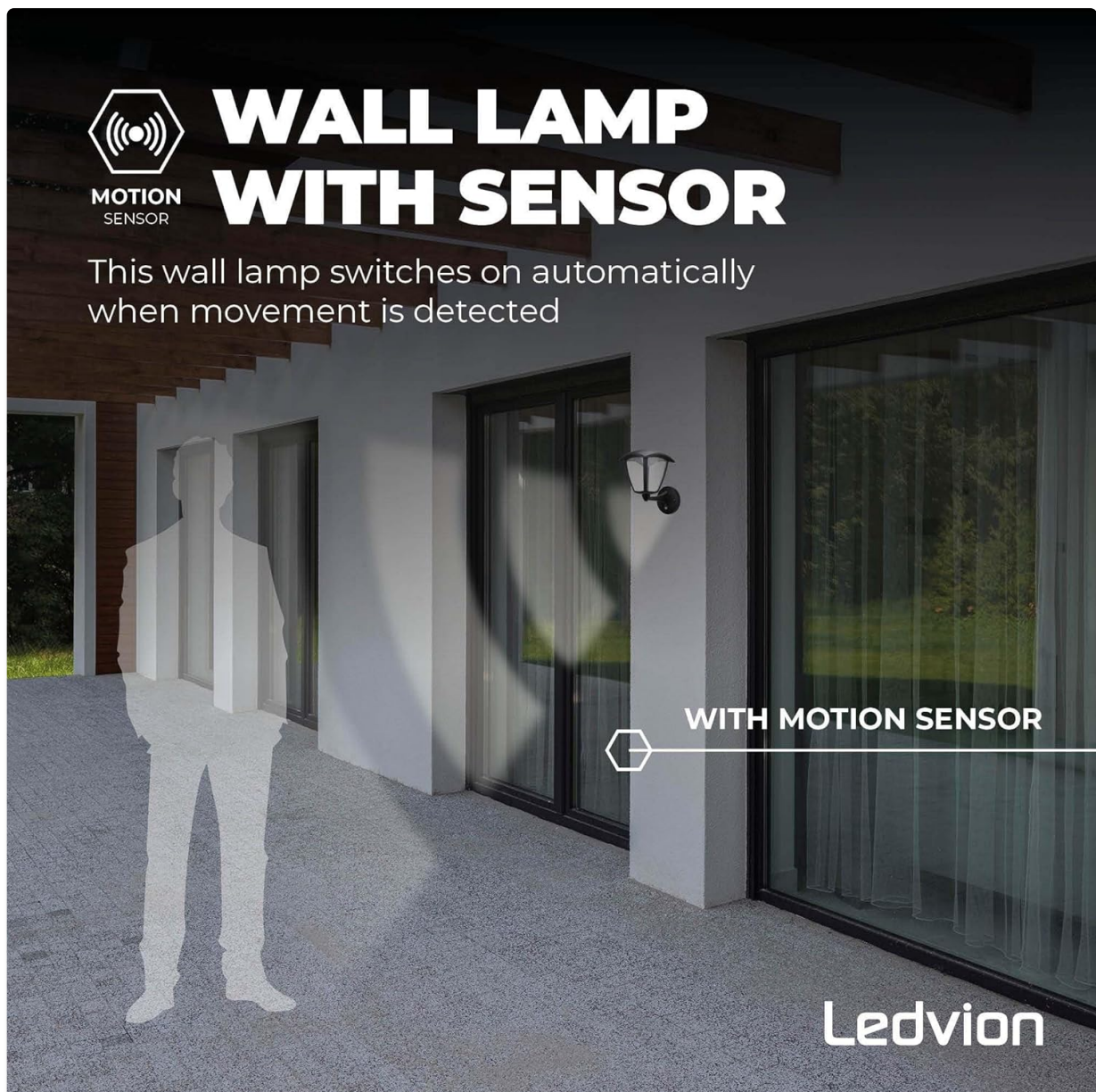

Image 6.1: The wall lamp automatically switches on when movement is detected.

- **Automatic Activation:** The motion sensor detects movement within its detection range and automatically switches on the light.

- **Automatic Deactivation:** After a period of no detected movement, the light will automatically switch off. The duration of illumination after detection is typically pre-set and may not be adjustable on this model.

- **Daylight Sensor:** The lamp may include a daylight sensor to prevent activation during daylight hours, conserving energy.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Ledvion LED Wall Lamp.

- **Cleaning:** Periodically clean the lamp's exterior with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive materials, as these can damage the finish or the sensor lens. Ensure power is disconnected before cleaning.
- **Inspection:** Periodically inspect the lamp for any signs of damage, loose connections, or wear. If any damage is found, disconnect power and consult a qualified electrician for repair.
- **LED Light Source:** The LED light source is integrated and not user-replaceable. If the LED fails, the entire fixture may need to be replaced.

8. TROUBLESHOOTING

If you encounter issues with your Ledvion LED Wall Lamp, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Lamp does not turn on.	No power supply. Faulty wiring connection. Daylight sensor active. Faulty LED module.	Check circuit breaker and power supply. Verify all wiring connections are secure (consult electrician). Test at night or cover the daylight sensor. Contact support for replacement if under warranty.
Lamp stays on continuously.	Constant movement in detection zone. Sensor sensitivity too high. Sensor malfunction.	Ensure no continuous movement is triggering the sensor. Check if sensor settings can be adjusted (if applicable). Contact support.
Lamp turns on and off randomly.	Interference from heat sources or reflective surfaces. Small animals or objects triggering sensor. Sensor malfunction.	Relocate lamp or remove interfering objects. Adjust sensor angle or sensitivity (if applicable). Contact support.
Motion sensor not detecting.	Obstruction in sensor's field of view. Incorrect sensor angle. Sensor malfunction.	Clear any obstructions. Adjust the sensor's position to cover the desired area. Contact support.

9. WARRANTY AND SUPPORT

The Ledvion LED Wall Lamp (Model LVO10075) comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
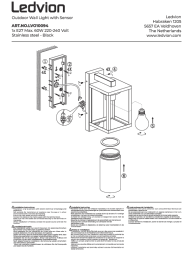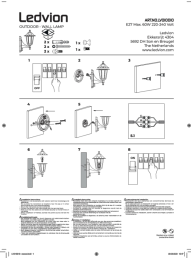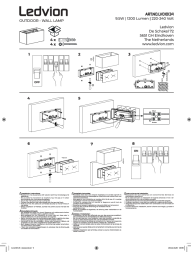
Image 9.1: The Ledvion wall lamp is backed by a 3-year warranty.

The warranty does not cover:

- Damage caused by improper installation or misuse.

- Damage caused by unauthorized repairs or modifications.

- Damage due to natural disasters or accidents.

- Normal wear and tear.

For warranty claims or technical support, please contact your retailer or Ledvion customer service with your proof of purchase and product model number (LVO10075).

Related Documents - LVO10075

	Ledvion LVS10010/LVS10011 Outdoor Solar LED Lamp Manual and Specifications User manual and technical specifications for the Ledvion LVS10010 and LVS10011 outdoor solar LED lamps, featuring motion sensor, IP65 rating, and 3000K warm white light.
	Ledvion LVS10014/LVS10015 Outdoor Solar LED Lamp User Manual Comprehensive user manual for the Ledvion LVS10014 and LVS10015 outdoor solar LED lamp. Features include ultra-bright LEDs, PIR motion sensor, two lighting modes, IP65 waterproof rating, and cordless installation. Learn about specifications, installation, operation, and battery replacement.
	Ledvion LVO10094 Outdoor Wall Light with Sensor - Installation and Safety Guide Comprehensive guide for the Ledvion LVO10094 outdoor wall light with sensor, covering installation, safety precautions, care instructions, disposal guidelines, and CE compliance. Features include E27 bulb compatibility, 60W maximum power, 220-240V operation, and a durable stainless steel black finish.
	Ledvion SMART WALL LAMP LV010037 - Setup, Installation & Safety Guide Comprehensive guide for the Ledvion SMART WALL LAMP (LV010037), covering setup, installation, electrical safety, and disposal. Learn how to connect and configure your smart WiFi + Bluetooth wall light.
	Ledvion Outdoor Wall Lamp Installation Guide Installation instructions and safety information for the Ledvion Outdoor Wall Lamp, model ART.NO.LVO10010. Includes details on electrical connections, mounting, and environmental considerations.
	Ledvion LVO10134 Outdoor Wall Lamp Installation Guide Detailed installation instructions for the Ledvion LVO10134 outdoor wall lamp, featuring 9.5W, 1200 Lumen output, and 220-240 Volt compatibility. Includes safety precautions and step-by-step guidance.