Ledvion LVO10108

Ledvion Outdoor LED Wall Light with Motion Sensor

Model: LVO10108

Overview   Specifications   Safety Instructions   Package Contents   Product Installation   Operation   Maintenance   Troubleshooting   Warranty & Support

1. SAFETY INSTRUCTIONS

Please read these instructions carefully before installation and use. Keep this manual for future reference.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations. Ensure the power supply is disconnected before installation or maintenance.

- **Voltage:** This product operates on 230 Volts. Verify your power supply matches this requirement.

- **Outdoor Use:** This fixture is designed for outdoor use and is IP44 rated, meaning it is protected against solid objects larger than 1mm and splashing water from any direction. Do not immerse in water.

- **Bulb Type:** Use only GU10 LED bulbs with a maximum wattage of 7W.

- **Handling:** Handle the product with care. Avoid dropping or subjecting it to strong impacts.

- **Cleaning:** Do not use abrasive cleaners or solvents. Refer to the Maintenance section for cleaning instructions.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

WHAT´S IN THE BOX
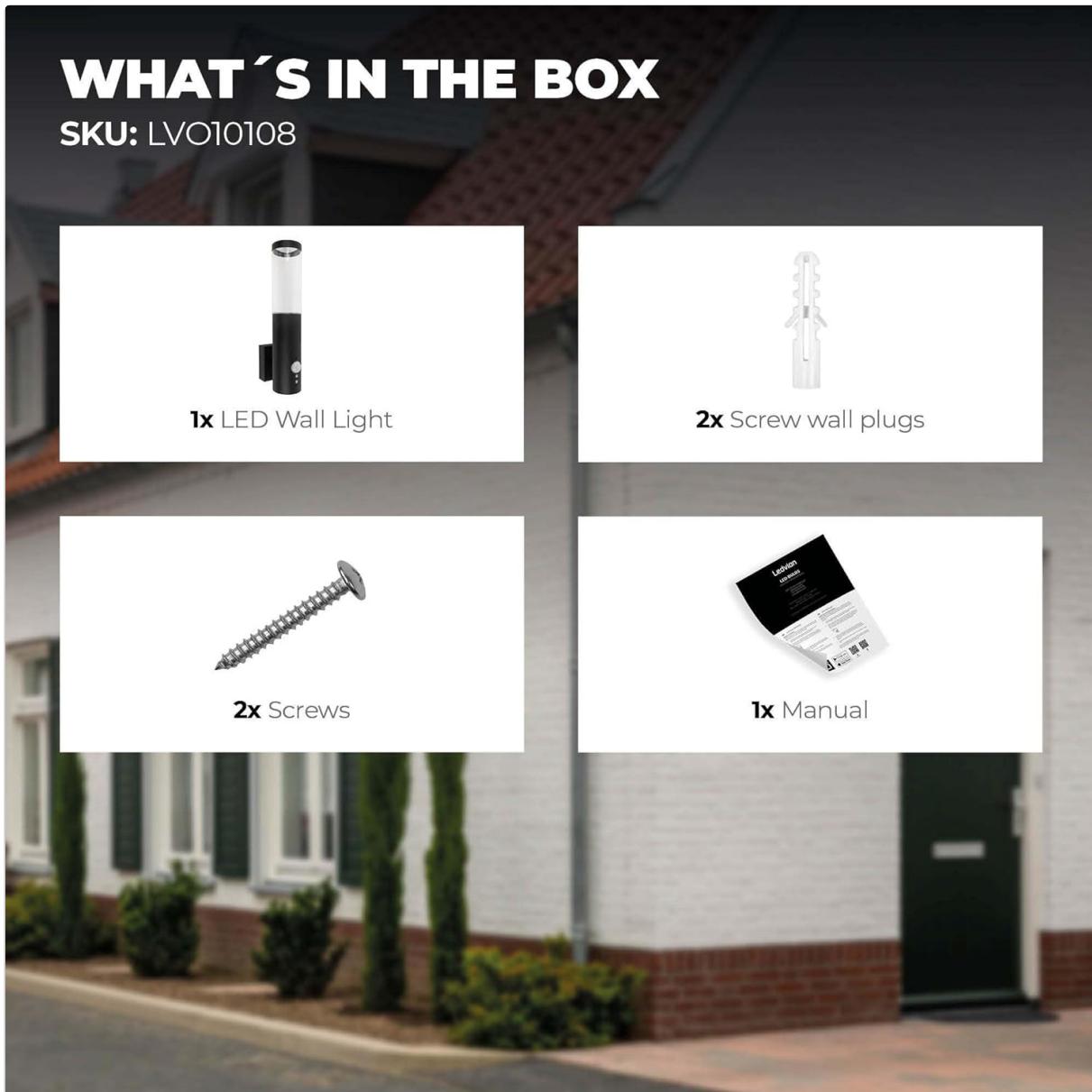**SKU:** LVO10108

1x LED Wall Light

2x Screw wall plugs

2x Screws

1x Manual

Image: Package contents including the LED wall light, screws, wall plugs, and instruction manual.

- 1x Ledvion Outdoor LED Wall Light with Motion Sensor
- 2x Screws
- 2x Wall Plugs
- 1x Instruction Manual

3. PRODUCT OVERVIEW

The Ledvion Outdoor LED Wall Light (Model LVO10108) is designed for efficient and secure outdoor illumination. It features a modern design, durable construction, and an integrated motion sensor for automatic lighting.

- **Motion Sensor:** Automatically switches the light on when movement is detected, enhancing security and convenience.
- **GU10 Socket:** Compatible with any GU10 LED bulb, allowing for flexible light color and intensity choices (bulb not included).
- **Durable Construction:** Made from high-quality stainless steel and aluminum with 5mm thick glass, ensuring longevity and resistance to outdoor elements.

- **IP44 Rated:** Protected against dust and splashing water, making it suitable for various outdoor environments.

Image: The Ledvion wall light mounted on an exterior wall, providing illumination.

Image: The wall light demonstrating its IP44 water and dust resistance in a rainy environment.

Image: A GU10 bulb, illustrating the fixture's compatibility with standard GU10 LED spots.

4. SPECIFICATIONS

Brand	Ledvion
Model Number	LVO10108
Product Dimensions (L x W x H)	31 x 13 x 7 cm
Item Weight	560 g
Material	Stainless Steel, Aluminum, Glass
Color	Black
Voltage	230 Volts
Light Source Type	LED (GU10 socket)
Max. Bulb Wattage	7W

IP Rating	IP44 (Splash-resistant)
Switch Style	Motion Detector
Recommended Location	Outdoor, Garden
Country of Origin	China

Ø 60 mm   108 mm

290 mm

Image: Dimensional drawing of the Ledvion wall light.

5. INSTALLATION

Important: Installation should only be carried out by a qualified electrician. Ensure the main power supply is switched off before commencing any electrical work.

1. **Prepare the Installation Area:** Choose a suitable outdoor location, ensuring it is within reach of the electrical supply and provides optimal coverage for the motion sensor.

2. **Disconnect Power:** Turn off the main power supply at the circuit breaker to prevent electrical shock.

3. **Mount the Bracket:**
   - Carefully detach the mounting bracket from the light fixture.
   - Position the bracket on the wall and mark the drilling points.
   - Drill holes at the marked points and insert the provided wall plugs.
   - Secure the mounting bracket to the wall using the provided screws.

4. **Wire the Fixture:**
   - Connect the electrical wires from your power supply to the corresponding terminals on the light fixture. Follow standard wiring color codes (e.g., Live, Neutral, Earth).
   - Ensure all connections are secure and properly insulated.

5. **Install the GU10 Bulb:**
   - Insert the GU10 LED bulb into the socket by aligning the pins and twisting clockwise until secure.
   - Do not exceed the maximum wattage of 7W.

6. **Attach the Fixture:** Carefully attach the light fixture to the mounted bracket, ensuring it is securely fastened and sealed against moisture.

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

6. OPERATING INSTRUCTIONS

The Ledvion wall light features an integrated motion sensor with adjustable settings for optimal performance.

Image: Motion sensor with adjustment controls for time and sensitivity.

Motion Sensor Settings:

The motion sensor has two adjustable controls, typically located at the bottom of the sensor unit:

- **Time Adjustment (TIME):** This control adjusts how long the light remains on after motion is detected and no further motion is sensed.
  - Adjustable from approximately 10 seconds to 5 minutes.
  - Turn clockwise to increase the duration, counter-clockwise to decrease.

- **Sensitivity/Distance Adjustment (SENS):** This control adjusts the detection range or sensitivity of the motion sensor.
  - Turn clockwise to increase the detection distance/sensitivity, counter-clockwise to decrease.
  - Test the range after adjustment to ensure desired coverage.

Note: The motion sensor typically includes a light sensor (photocell) that prevents the light from activating during daylight hours. This setting is usually automatic and not user-adjustable on this model.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ledvion wall light.

- **Cleaning:**
    - Ensure the power is off before cleaning.
    - Wipe the fixture with a soft, damp cloth.
    - Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the finish or glass.

- **Bulb Replacement:**
    - Disconnect power before replacing the bulb.
    - Allow the bulb to cool completely if it has been recently used.
    - Twist the old GU10 bulb counter-clockwise to remove it.
    - Insert a new GU10 LED bulb (max 7W) by aligning the pins and twisting clockwise until secure.
    - Restore power after replacement.

- **Inspection:** Periodically check the fixture for any signs of damage, loose connections, or wear. If any issues are found, consult a qualified electrician.

8. TROUBLESHOOTING

If you encounter issues with your Ledvion wall light, refer to the following common problems and solutions:

Problem	Possible Cause & Solution
Light does not turn on.	- **No power:** Check the circuit breaker and ensure power is restored. - **Faulty bulb:** Replace the GU10 bulb. - **Incorrect wiring:** Consult a qualified electrician to check wiring connections. - **Motion sensor settings:** Ensure the sensor is not set to minimum sensitivity or maximum time delay, or that it's not daylight.
Light stays on continuously.	- **Constant motion:** Ensure there is no continuous movement within the sensor's detection range. - **Sensor malfunction:** The motion sensor may be faulty. Contact customer support. - **Wiring error:** Consult a qualified electrician to check wiring.
Light turns on too frequently or not at all.	- **Sensitivity setting:** Adjust the SENS control on the motion sensor. Decrease for less frequent activation, increase for more. - **Obstructions:** Ensure there are no objects blocking the sensor's view or causing false triggers (e.g., swaying branches).

Light flickers.	• **Loose bulb:** Ensure the GU10 bulb is securely twisted into the socket. • **Faulty bulb:** Replace the GU10 bulb. • **Unstable power supply:** Consult a qualified electrician to check the electrical supply.

9. WARRANTY AND SUPPORT

This Ledvion product comes with a **2-year warranty** from the date of purchase, covering manufacturing defects in materials and workmanship.

Image: Warranty information for the Ledvion wall light.

The warranty does not cover damage caused by improper installation, misuse, neglect, accidents, unauthorized repairs, or normal wear and tear. Please retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, warranty claims, or further inquiries, please contact Ledvion customer support

through your retailer or the official Ledvion website.

Manufacturer: Ledvion

Address: Techvion B.V., Zandven 15, 5507 TE Veldhoven, The Netherlands

Country of Origin: China