DELIPOP 24W LED Wall Light with Motion Sensor

DELIPOP LED Outdoor/Indoor Wall Light with Motion Sensor

Model: 24W LED Wall Light with Motion Sensor (2-Pack, Warm White 3000K)

1. SAFETY INSTRUCTIONS

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

- **Electrical Safety:** Installation should be performed by a qualified electrician to ensure safety and compliance with local electrical codes. Always turn off the main power supply before installation, maintenance, or repair.
- **Voltage:** This product operates on AC 85V-265V. Ensure your power supply matches this requirement.
- **Water Resistance:** The light fixture is IP65 rated, meaning it is protected against dust and low-pressure water jets. While suitable for outdoor use, avoid submerging it in water.
- **Installation Height:** For optimal motion detection, install the light at a height of approximately 1.8 to 2.5 meters (5.9 to 8.2 feet).
- **Operating Temperature:** Ensure the operating environment is within the specified temperature range to prevent damage.

2. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- DELIPOP LED Wall Light (2 units)
- Mounting Hardware (screws, wall anchors)
- Instruction Manual

3. PRODUCT FEATURES

- **Integrated Motion Sensor:** Detects movement within 3 to 8 meters (10 to 26 feet) at a 120° angle.
- **Automatic Operation:** Light turns on automatically at night when motion is detected and turns off approximately 15 seconds after no motion is detected.
- **Energy Efficient LED:** 24W power consumption with a long lifespan of over 50,000 hours.
- **Warm White Illumination:** 3000K color temperature for a comfortable and inviting ambiance.

- **Durable Construction:** Made from die-cast aluminum alloy body and PC lampshade, resistant to rust, yellowing, high temperatures, and impacts.
- **IP65 Waterproof:** Designed for outdoor use, resistant to various weather conditions.

Figure 3.1: Product dimensions and key components including high-quality LED chip, die-cast aluminum lamp body, and PIR motion sensor.

4. SPECIFICATIONS

Attribute	Value
Brand	DELIPOP
Model	24W LED Wall Light with Motion Sensor
Dimensions (L x W x H)	29 x 10 x 9 cm (11.41 x 3.93 x 3.54 inches)
Weight	1.8 Kilograms (per unit, for 2 units)
Voltage	AC 85V-265V
Power	24 Watts

Attribute	Value
Luminous Flux	2370 Lumens
Color Temperature	3000K Warm White
Material	Aluminum, Polycarbonate (PC)
Waterproof Rating	IP65
Motion Sensor Angle	120°
Motion Sensor Range	3-8 meters (10-26 feet)
Auto-off Delay	Approx. 15 seconds (after no motion)
Lifespan	> 50,000 hours
Energy Efficiency Class	E

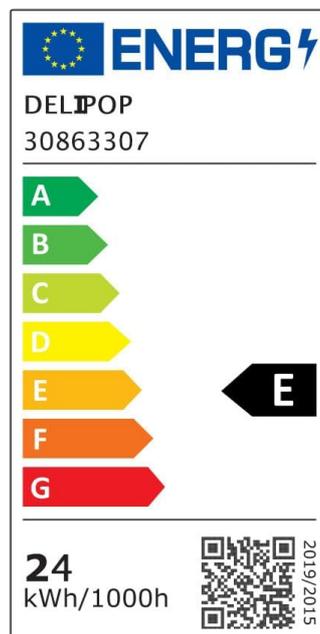
Figure 4.1: EU Energy Efficiency Label for the DELIPOP light. For more details, refer to the EPREL database (QR code link).

5. INSTALLATION GUIDE

Important: Always ensure the main power supply is turned off before starting installation. It is recommended to have this product installed by a professional electrician.

1. **Prepare the Installation Area:** Choose a suitable wall location, ideally between 1.8 to 2.5 meters (5.9 to 8.2 feet) high, for optimal motion sensor performance. Ensure the surface is clean and stable.
2. **Mark Drilling Points:** Use the mounting bracket (if separate) or the fixture itself 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 wall anchors if necessary.
4. **Connect Wiring:** Carefully connect the household electrical wires to the light fixture's wires. Ensure correct polarity (Live, Neutral, Ground) according to local electrical standards. Use appropriate wire connectors and ensure all connections are secure and insulated.

5. **Mount the Fixture:** Secure the light fixture to the wall using the provided screws. Ensure it is firmly attached and stable.

6. **Restore Power:** Once installation is complete and all connections are secure, turn the main power supply back on.

Figure 5.1: Example of the DELIPOP wall light installed on an exterior wall.

6. OPERATING INSTRUCTIONS

The DELIPOP LED wall light features an integrated motion sensor for automatic operation.

- **Daytime Operation:** During daylight hours, the light will remain off to conserve energy, even if motion is detected.
- **Nighttime Operation:** When it is dark, the motion sensor becomes active. If motion is detected within its 3-8 meter range and 120° angle, the light will automatically turn on.
- **Automatic Shut-off:** The light will remain on as long as continuous motion is detected. Approximately 15 seconds after no motion is detected, the light will automatically turn off.

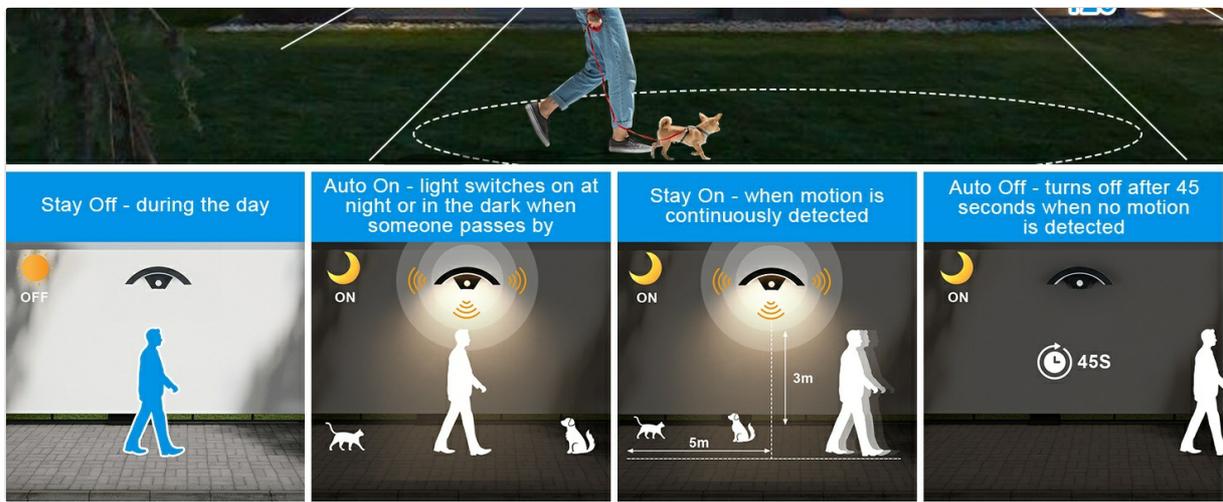| Stay Off - during the day | Auto On - light switches on at night or in the dark when someone passes by | Stay On - when motion is continuously detected | Auto Off - turns off after 45 seconds when no motion is detected |

Figure 6.1: Visual representation of the motion sensor's operational cycle, including daytime standby, nighttime activation, and automatic deactivation.

7. CARE AND MAINTENANCE

Regular cleaning and proper care will ensure the longevity and optimal performance of your DELIPOP wall light.

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or components.
- **Inspection:** Periodically check the fixture for any signs of damage, loose connections, or wear. If any issues are found, consult a qualified electrician.
- **LEDs:** The integrated LED light source is designed for a long lifespan and is not user-replaceable.

Figure 7.1: The DELIPOP wall light is designed to be IP65 waterproof and resistant to cold weather conditions.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution

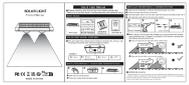| Problem	Possible Cause	Solution
Light does not turn on at night.	1. No power supply. 2. Sensor obstructed or faulty. 3. Still too bright (daylight sensor active).	1. Check power connections and circuit breaker. 2. Ensure sensor is clean and unobstructed. Test sensor by waving hand. 3. Wait until it is sufficiently dark.
Light stays on continuously.	1. Continuous motion detected. 2. Sensor faulty.	1. Ensure no constant movement (e.g., swaying branches, pets) is within sensor range. 2. Contact customer support if problem persists after checking for motion.
Light flickers or dims.	1. Unstable power supply. 2. Loose wiring connection.	1. Consult an electrician to check power stability. 2. Turn off power and check all wiring connections. Re-secure if loose.

9. WARRANTY AND SUPPORT

DELIPOP is committed to providing high-quality products. For any questions, concerns, or technical support regarding your LED wall light, please contact DELIPOP customer service through your purchase platform.

Please refer to your purchase documentation for specific warranty terms and conditions.

Related Documents - 24W LED Wall Light with Motion Sensor

[Aigostar Outdoor Wall Lights Installation Guide | Mains Powered IP65](#)
Comprehensive installation manual for Aigostar Outdoor Wall Lights. Learn how to safely install and use these mains-powered, IP65 rated exterior wall sconces with GU10 bulbs.

[Solar Light Outdoor Fence Light Manual: Installation & Care Guide](#)
Comprehensive user manual for Solar Light outdoor fence lights. Details installation methods (adhesive, screws), model features (color modes, IP65, Dusk to Dawn), and care instructions for optimal performance.

[Amico LED Security Flood Light User Manual and Installation Guide](#)
Comprehensive user manual for the Amico LED Security Flood Light, covering installation, safety, sensor settings, troubleshooting, and customer support. Features 50W, 6000LM, 6500K Daylight, IP65 waterproof, and adjustable motion detection.

[Claoner 252 LED Solar Motion Sensor Light User Manual](#)
User manual for the Claoner 252 LED Solar Motion Sensor Light, detailing specifications, features, lighting modes, installation, and warranty information for this IP65 waterproof solar-powered light.

[Hardoll Solar Garden Lights User Manual - Installation & Technical Specifications](#)
Comprehensive user manual for Hardoll Solar Garden Lights, detailing warm notices, technical specifications, and step-by-step installation instructions for outdoor garden lighting.

[Lumena AlvaLED 10W/15W LED Spike Light - 240V Installation and Specifications](#)
Detailed installation guide, safety warnings, and technical specifications for the Lumena AlvaLED 10W/15W outdoor LED spike light. Includes wiring, mounting, and maintenance instructions.