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EBION AL131A-ADPIR

EBION Outdoor Wall Light with Motion Sensor

Model: AL131A-ADPIR

Introduction Safety Information Package Contents Specifications Setup & Installation Operating Instructions Maintenance Troubleshooting Warranty & Support

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EBION AL131A-ADPIR Outdoor Wall Light with Motion Sensor. Please read this manual thoroughly before installation and keep it for future reference. This outdoor wall light is designed for exterior use, featuring IP65 waterproofing and an adjustable motion sensor for enhanced security and convenience.



Image 1.1: EBION AL131A-ADPIR Outdoor Wall Light. This image shows the main product, a modern anthracite grey wall light with a cylindrical lamp housing and a motion sensor at the base.

2. Safety Information

Always follow basic safety precautions when installing and operating electrical devices. Failure to do so may result in fire, electric shock, or serious injury.

- **Professional Installation Recommended:** Installation should be performed by a qualified electrician to ensure compliance with local electrical codes and safety standards.
- **Power Disconnection:** Always disconnect power at the main circuit breaker before installation, maintenance, or bulb replacement.
- **Voltage:** Ensure the power supply voltage matches the product's requirements (230 Volts).
- **IP65 Rating:** This product is IP65 rated, meaning it is protected against dust ingress and low-pressure water jets from any direction. It is suitable for outdoor use and resistant to rain, humidity, and dust. However, do not submerge the unit in water.

- **Bulb Type:** Use only GU10 bulbs as specified. Do not exceed the maximum wattage of 35 watts.
- **Material:** The lamp is constructed from aluminum and tempered glass. Handle with care during installation.



Image 2.1: IP65 Waterproof Rating. This image illustrates the IP65 protection, showing the light being resistant to weather, cold, storms, and heat, indicating its suitability for outdoor environments.

3. Package Contents

Verify that all components are present before beginning installation:

- EBION Outdoor Wall Light (1 unit)
- Mounting Material (screws, wall plugs)
- Instruction Manual (this document)

Note: GU10 bulb is not included and must be purchased separately.

4. Specifications

Feature	Detail
Model Number	AL131A-ADPIR
Dimensions (L x W x H)	16.5 cm x 11 cm x 7 cm
Weight	400 g
Material	Aluminum, Tempered Glass
Color	Anthracite Grey
IP Rating	IP65 (Waterproof and Dustproof)
Voltage	230 Volts
Max Wattage	35 Watts
Bulb Base	GU10 (Bulb not included)
Sensor Type	PIR Motion Sensor with adjustable TIME, SENS, LUX
Detection Range	6-10 meters
Installation Height	1-3 meters
Power Source	Electric Cable
Mounting Type	Wall Mount



Image 4.1: Product Dimensions and GU10 Socket. This image displays the physical dimensions of the wall light (16.5cm height, 7cm width, 9cm depth for the cylindrical part) and highlights the GU10 bulb socket, indicating bulbs are not included.



Image 4.2: High-Quality Materials. This image shows the components of the light, including aluminum, baked paint finish, and tempered glass, emphasizing durability and modern design.

5. Setup & Installation

This section guides you through the installation process. Ensure power is disconnected before proceeding.

1. **Prepare the Installation Area:** Choose a suitable location on an exterior wall, ideally between 1 to 3 meters high,

for optimal motion sensor performance. Ensure the surface is clean and stable.

2. **Mark Drilling Points:** Remove the mounting bracket from the back of the lamp. Hold the bracket against the wall at the desired installation height and mark the drilling points.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your wall type. Insert the provided wall plugs.
4. **Secure Mounting Bracket:** Attach the mounting bracket to the wall using the provided screws. Ensure it is firmly secured.
5. **Wire Connection:** Connect the household electrical wires to the terminal block inside the lamp. Ensure correct polarity (Live, Neutral, Earth). If unsure, consult a qualified electrician.
6. **Install GU10 Bulb:** Insert a GU10 bulb (not included, max 35W) into the lamp holder. Twist to secure.
7. **Attach Lamp Body:** Carefully align the lamp body with the mounting bracket and secure it with the screws. Ensure a tight seal to maintain the IP65 rating.
8. **Restore Power:** Once the installation is complete and secure, restore power at the main circuit breaker.

The compact format (16.5 x 11 x 7 cm) and direct wall fixing make installation practical and tidy.

6. Operating Instructions

Your EBION outdoor wall light features an integrated PIR motion sensor with three adjustable settings:

- **TIME (Time Delay):** Adjusts how long the light stays on after motion is detected. Typically ranges from 10 seconds to 5 minutes.
- **SENS (Sensitivity):** Controls the detection range of the motion sensor. Adjustable from approximately 6 to 10 meters.
- **LUX (Light Sensitivity):** Determines the ambient light level at which the sensor becomes active. Set to "Sun" for daytime and nighttime operation, or "Moon" for nighttime-only operation.

To adjust these settings, locate the small dials or switches on the sensor unit, usually found at the bottom of the lamp or behind a cover. Use a small screwdriver if necessary to turn the dials to your desired settings.

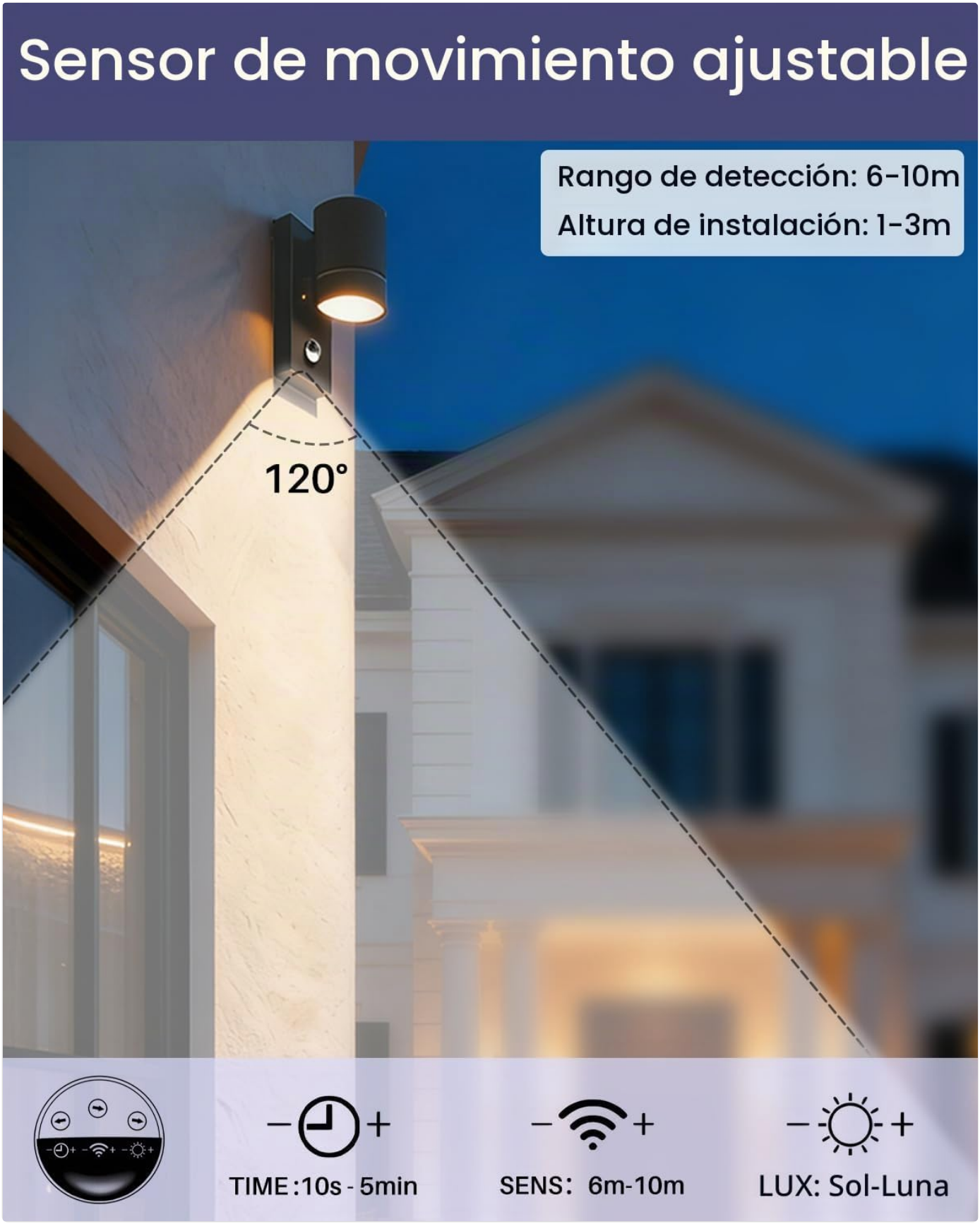


Image 6.1: Adjustable Motion Sensor Settings. This image illustrates the three adjustable settings for the motion sensor: TIME (10s-5min), SENS (6m-10m), and LUX (Sun-Moon), allowing customization of light activation.



Image 6.2: PIR Sensor with 3 Adjustments. This image shows the PIR sensor's detection range (6-10m) and angle (120 degrees), along with the TIME, LUX, and SENS adjustment options, demonstrating how the light activates upon motion.

7. Maintenance

- **Cleaning:** To clean the lamp, ensure power is disconnected. Wipe the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish.
- **Bulb Replacement:** Disconnect power before replacing the GU10 bulb. Allow the old bulb to cool completely. Carefully remove the old bulb and insert a new GU10 bulb (max 35W).
- **Regular Inspection:** Periodically check the lamp for any signs of damage, loose connections, or wear. Ensure the seals are intact to maintain the IP65 rating.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power supply. Faulty bulb. LUX setting too high (daytime).	Check circuit breaker. Replace GU10 bulb. Adjust LUX setting to "Moon" for testing or lower sensitivity.
Light stays on continuously.	Continuous motion detected. TIME setting too long. Faulty sensor.	Ensure no constant movement in detection area. Adjust TIME setting to a shorter duration. Contact support if sensor is faulty.
Light turns on too frequently/infrequently.	SENS setting too high/low. LUX setting incorrect.	Adjust SENS setting to desired detection range. Adjust LUX setting to match ambient light requirements.
Light flickers.	Loose bulb connection. Incompatible bulb. Unstable power supply.	Ensure bulb is securely installed. Use a high-quality GU10 bulb. Consult an electrician to check power supply.

9. Warranty & Support

EBION products are manufactured to high-quality standards. For warranty information, please refer to the specific terms

provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.
If you encounter any issues not covered in this manual or require further assistance, please contact EBION customer support through the retailer where the product was purchased or visit the official EBION website for contact details.
EBION Customer Support: Visit the EBION Store on Amazon

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