

Klighten B0FN4B9MQV

Klighten 12W Outdoor Light with Motion Sensor Instruction Manual

Model: B0FN4B9MQV

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Klighten 12W Outdoor Wall Light with Motion Sensor. Please read this manual thoroughly before installation and retain it for future reference. This product is designed for both outdoor and indoor use, offering adjustable light beams and motion detection capabilities.

2. SAFETY INSTRUCTIONS

WARNING: Risk of electric shock. Installation should be performed by a qualified electrician.

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- Do not attempt to modify the product. Any modifications may void the warranty and pose safety risks.
- This product is rated IP65 for dust and water resistance. Ensure all connections are properly sealed during installation to maintain this rating.
- Do not look directly into the LED light source when illuminated.
- Keep packaging materials out of reach of children.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- Klighten 12W Outdoor Wall Light with Motion Sensor (1 unit)
- Mounting Hardware (screws, wall anchors)
- Instruction Manual (this document)

4. PRODUCT OVERVIEW & FEATURES

The Klighten 12W Outdoor Wall Light is a versatile lighting solution featuring a motion sensor and adjustable light beams. Its robust construction ensures durability in various environments.

Adjustable Angle 0-120°

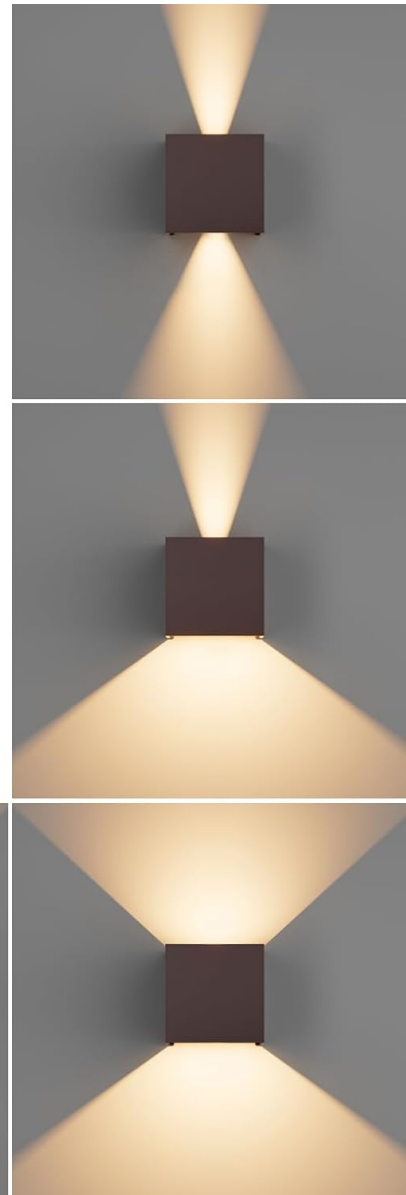
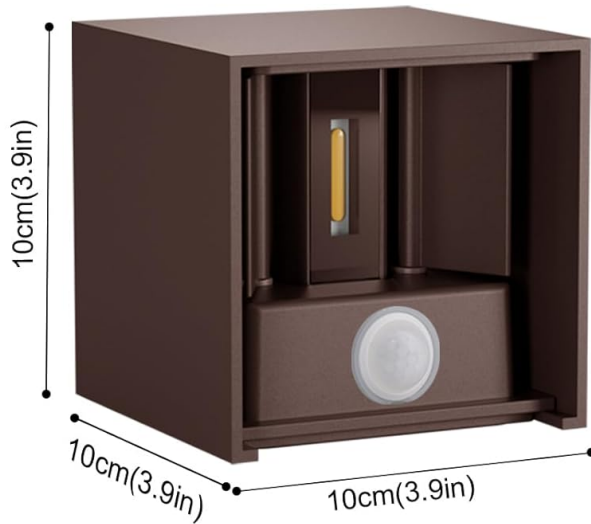


Image: Product dimensions (10cm x 10cm x 10cm) and internal mechanism for adjusting the light beam angle.

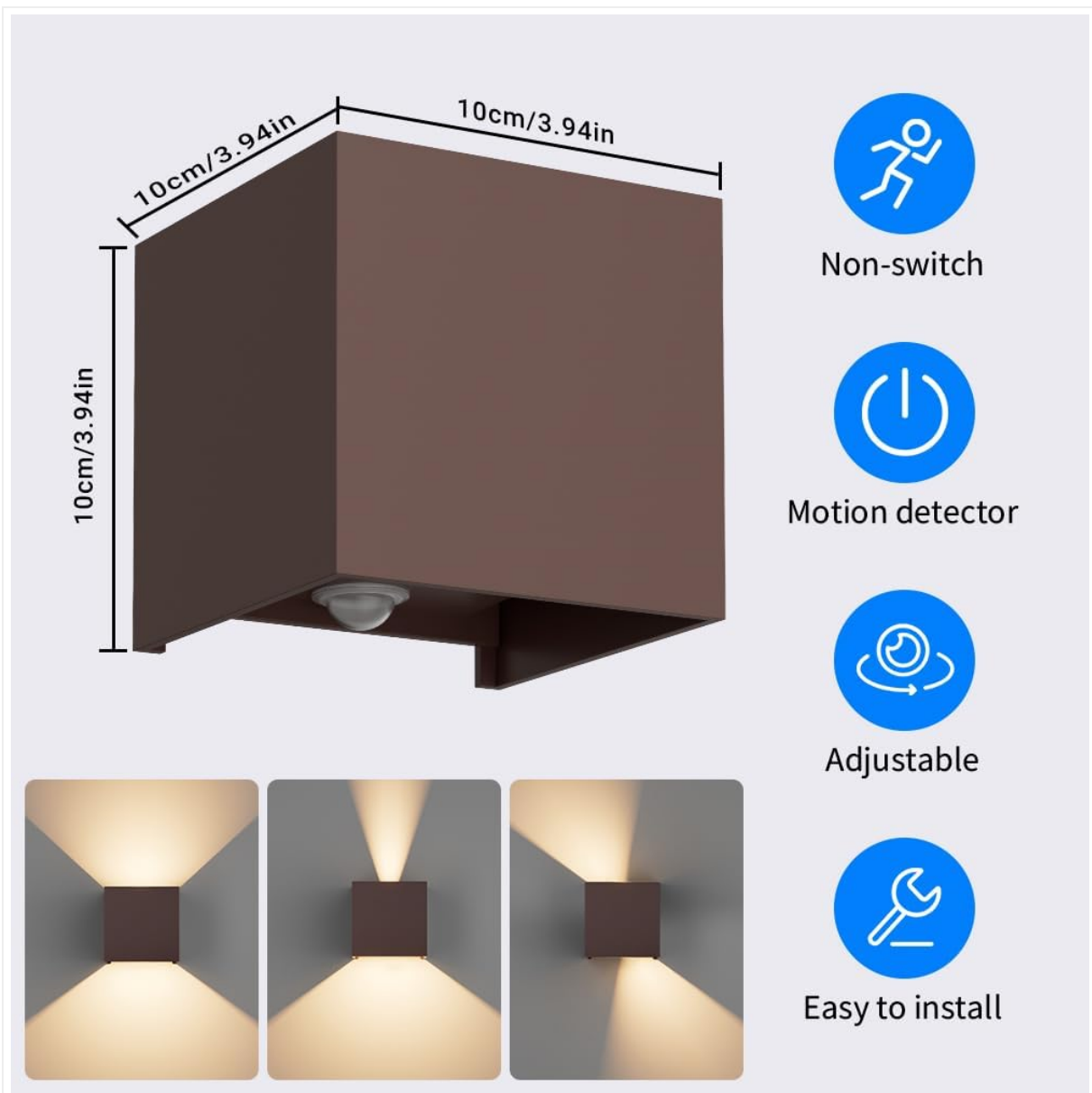


Image: Key features including motion detection, adjustable light, and ease of installation.

Key Features:

- **Motion Sensor Function:** Automatically detects human movement to turn the light on and off, enhancing convenience and energy efficiency. The light remains off during the day and activates at night upon motion detection.
- **Adjustable Light Beam:** Customize the light projection angle from 0° to 120° to create various lighting effects and atmospheres.
- **Durable Construction:** Manufactured from high-quality die-cast aluminum, providing excellent pressure resistance, corrosion resistance, and a modern aesthetic.
- **IP65 Waterproof Rating:** Designed for both indoor and outdoor environments, offering protection against dust and water ingress.
- **Versatile Application:** Suitable for outdoor areas such as gardens, parks, and patios, as well as indoor spaces like living rooms, bedrooms, and hallways.

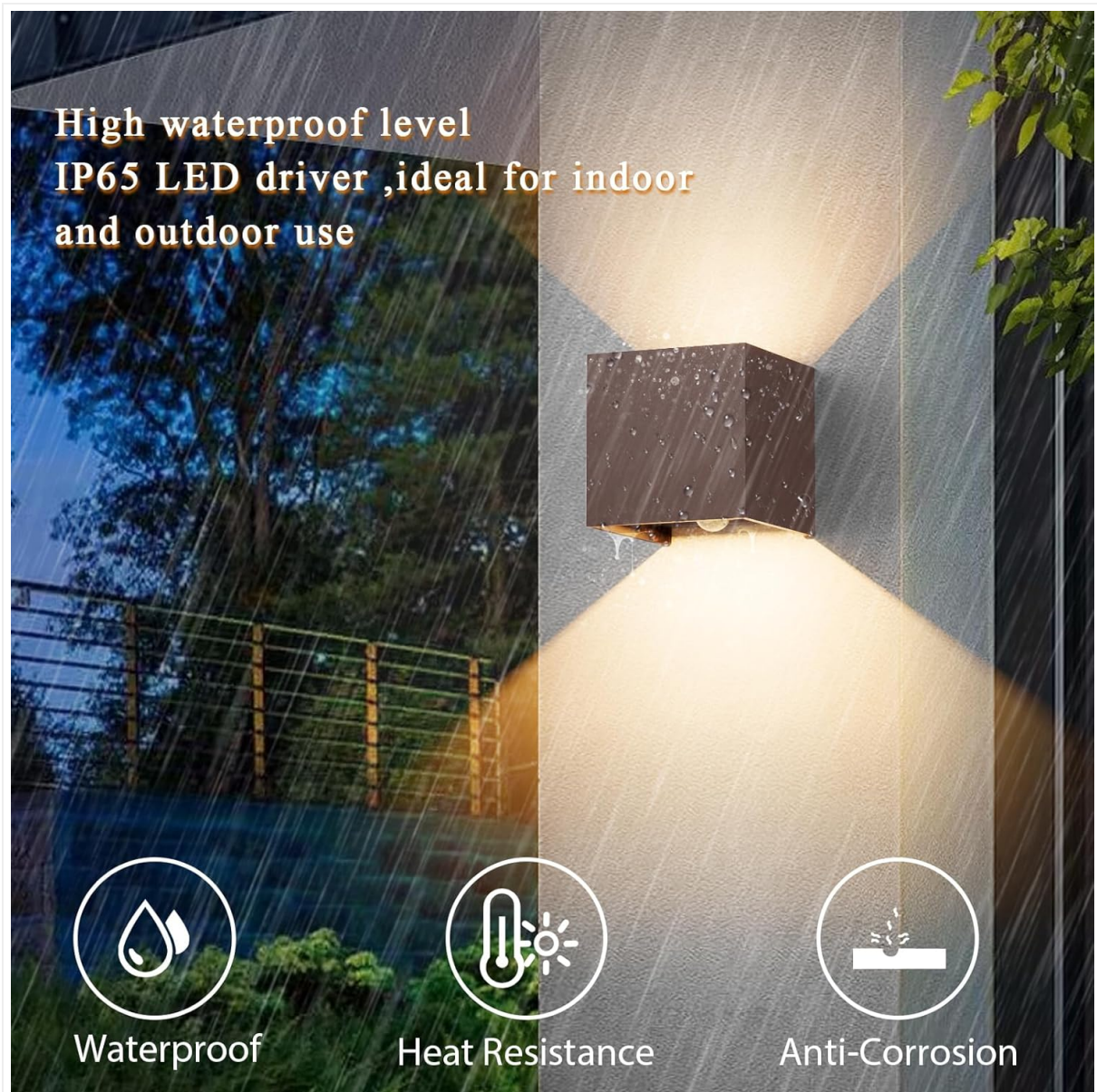


Image: Demonstrates the product's waterproof (IP65), heat resistance, and anti-corrosion properties.

5. INSTALLATION

Follow these general steps for installing your Klighten wall light. Professional installation is recommended.

1. **Prepare the Installation Area:** Choose a suitable location on a wall, ensuring it is structurally sound and has access to the necessary electrical wiring. Turn off the main power supply at the circuit breaker before starting.
2. **Mark Drilling Points:** Use the light fixture as a template to mark the positions for drilling holes on the wall.
3. **Drill Holes and Insert Anchors:** Drill holes at the marked points. Insert the provided wall anchors into the drilled holes if installing on masonry or drywall.
4. **Connect Wiring:** Carefully connect the household electrical wires to the light fixture's wires. Ensure proper polarity (Live, Neutral, Ground) according to local electrical codes. Use appropriate wire connectors and ensure all connections are secure and insulated.
5. **Mount the Fixture:** Align the light fixture with the drilled holes and secure it to the wall using the provided screws. Ensure the fixture is firmly attached and sealed against the wall to maintain its IP65 rating.

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

6. OPERATION

Motion Sensor Function:

- The integrated motion sensor automatically controls the light.
- During daylight hours, the light will remain off to conserve energy.
- At night, the light will automatically illuminate when motion is detected within its sensing range.
- The light will turn off automatically after a period of no motion.

Adjusting the Light Beam:

The light features an adjustable mechanism to change the beam angle. This adjustment is typically done manually by opening the fixture (if accessible) and manipulating internal flaps or lenses. Refer to the product overview image for a visual representation of the internal adjustment mechanism.

- Carefully open the light fixture to access the internal light beam adjusters.
- Adjust the internal flaps or lenses to achieve the desired upward and downward light beam angles (0° to 120°).
- Close the fixture securely, ensuring all seals are properly seated to maintain the IP65 rating.

7. MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Wipe the fixture with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or internal components.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. Ensure the seals remain intact to maintain water resistance.
- **LEDs:** The integrated LED light source is designed for long life and is not user-replaceable.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; faulty wiring; motion sensor not detecting.	Check circuit breaker. Verify wiring connections. Ensure it is dark enough for the sensor to activate and test motion detection.
Light stays on continuously.	Continuous motion detected; sensor malfunction.	Ensure no objects are continuously moving in the sensor's field of view. If problem persists, contact support.
Motion sensor is not responsive.	Sensor obstructed; incorrect ambient light conditions.	Clear any obstructions from the sensor. Ensure it is dark enough for the sensor to operate.

9. SPECIFICATIONS





ENERG

Klighten

A310S



12



2019,

kWh/1000h



/2015

Image: Technical data sheet for the Klighten 12W Outdoor Light.

Attribute	Value
Brand	Klighten
Model Number	B0FN4B9MQV
Wattage	12 watts
Light Source	LED (2 sources)
Color Temperature	2700 K (Warm White)
Color	Rust Red
Product Dimensions (L x W x H)	3.94" x 3.94" x 3.94" (10cm x 10cm x 10cm)
Ingress Protection (IP) Rating	IP65
Energy Efficiency Class	G
Required Assembly	No



Image: EU Energy Label for Klighten A310S, indicating an efficiency class of G.
For more information, visit the EPREL database: <https://eprel.ec.europa.eu/qr/2269346>

10. WARRANTY AND SUPPORT

Klighten is committed to providing quality products and customer satisfaction. If you encounter any issues or have questions regarding your Klighten 12W Outdoor Light with Motion Sensor, please contact our customer support team directly.

- Our support team aims to respond and resolve your inquiries within 24 hours.
- Please retain your proof of purchase for any warranty claims.