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JESLED JESLED

JESLED Outdoor LED Floodlight with Motion Sensor

Model: JESLED | Brand: JESLED

Introduction

Thank you for choosing the JESLED Outdoor LED Floodlight with Motion Sensor. This manual provides detailed instructions for the safe and efficient installation, operation, and maintenance of your new floodlight. Please read this manual thoroughly before installation and keep it for future reference.



Image: JESLED 20W LED Floodlight with Motion Sensor, showcasing its compact design and integrated motion sensor.

Safety Information

To ensure safe operation, please observe the following precautions:

- Always disconnect power before installation, maintenance, or cleaning.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring.
- Ensure the mounting surface is stable and can support the weight of the floodlight.
- Do not look directly into the LED light when it is illuminated, as it may cause eye strain.
- This product is rated IP66 for outdoor use, meaning it is protected against dust and powerful water jets. However, do not submerge the unit in water.

- Keep packaging materials away from children.

Package Contents

Verify that all components are present and undamaged upon opening the package:

- 1 x JESLED Outdoor LED Floodlight with Motion Sensor
- Mounting Hardware (screws and wall anchors)
- 1 x 1-meter power cable (pre-attached)



Image: The JESLED floodlight as it appears when unboxed, showing the pre-attached cable and general form factor.

Product Features

- **Energy Saving:** 20W LED floodlight with 2200 Lumens, equivalent to a 150W incandescent bulb, saving over 85% energy. Utilizes advanced patch technology and convex design for brighter illumination.

- **Sensitive Motion Sensor:** Features three adjustable settings: lighting time (TIME), motion distance (SENS), and day/night settings (LUX). Motion detection up to 10 meters, lighting time adjustable from 20 seconds to 3 minutes.
- **IP66 Waterproof:** Constructed from solid die-cast aluminum alloy and high-quality glass. The IP66 weatherproof rating ensures enhanced waterproof performance. The sensor adjustment knob is protected by a soft waterproof rubber cap to prevent rain infiltration.
- **Easy Installation:** Comes with a 1-meter cable and screw accessories. Simply install the bracket onto the prepared mounting hole and secure the device with screws.
- **Wide Application:** Ideal for front or back yards, entrances, driveways, doors, patios, garages, corridors, and gardens.



Image: Diagram illustrating key features such as Super Bright LED Chip, 180° Rotatable Bracket, Durable 1M Cable, and 360°/180° adjustability of the sensor and light head.



Image: Visual representation of the floodlight's IP66 waterproof rating, heat resistance, and frost resistance, demonstrating its suitability for various weather conditions.

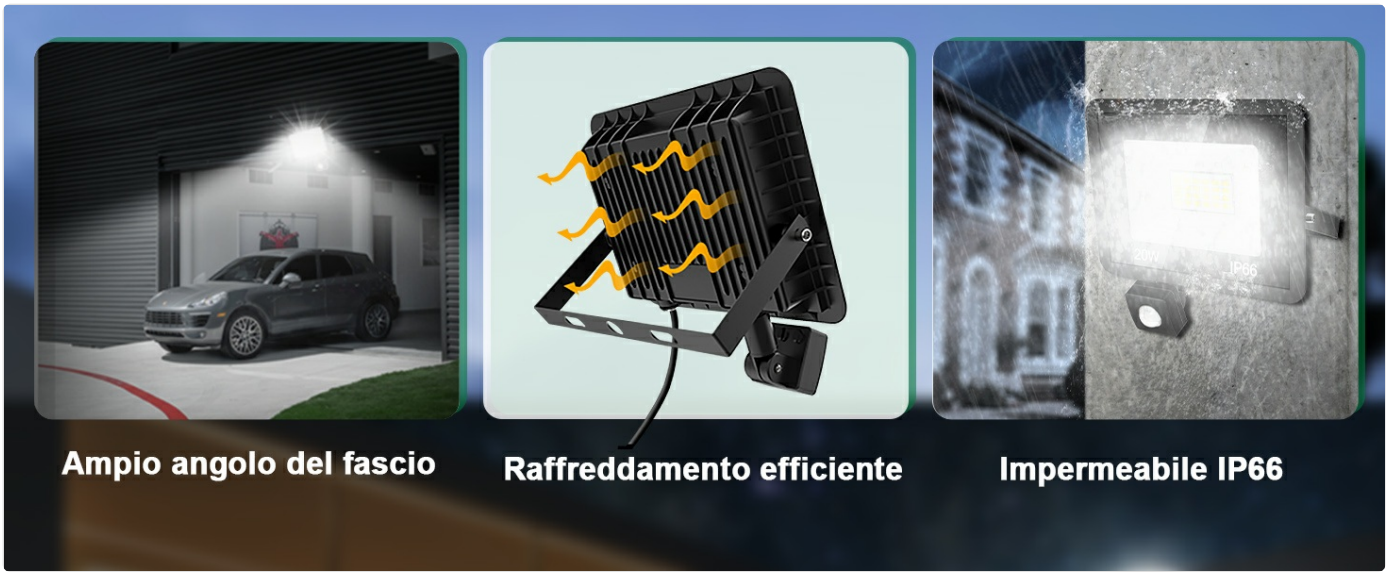


Image: Depicts the wide beam angle, efficient cooling system, and IP66 waterproof design of the JESLED floodlight.

Setup and Installation

Follow these steps for proper installation:

1. **Choose Location:** Select a suitable outdoor location for mounting, such as a wall, eaves, or pole, ensuring it covers the desired detection area.
2. **Mark Drilling Points:** Use the floodlight's bracket as a template to mark the drilling points on the mounting surface.
3. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit for your surface material. Insert wall anchors if necessary.
4. **Mount Bracket:** Secure the floodlight's mounting bracket to the surface using the provided screws.
5. **Connect Wiring:**
    - Ensure power is OFF at the main circuit breaker.
    - Connect the brown wire (Live) from the floodlight to your electrical supply's Live wire.
    - Connect the blue wire (Neutral) from the floodlight to your electrical supply's Neutral wire.
    - Connect the yellow/green wire (Ground) from the floodlight to your electrical supply's Ground wire.
    - Use appropriate waterproof connectors for all connections to maintain IP66 rating.
6. **Attach Floodlight:** Attach the floodlight body to the mounted bracket and secure it firmly.
7. **Adjust Angle:** Adjust the angle of the floodlight and the motion sensor to cover the desired area. The bracket allows for 180° rotation, and the sensor can rotate 360°.



Image: Technical drawing showing the dimensions of the JESLED floodlight, including length, height, and depth, along with the 1-meter cable length.

Operating Instructions

The motion sensor has three adjustable knobs for customization:

- **LUX (Light Sensitivity):**
  - Turn to "SUN" symbol: The sensor will work throughout the day (light will activate regardless of ambient light).
  - Turn to "MOON" symbol: The sensor will only work at night (light will activate only when ambient light is low).
- **TIME (Lighting Duration):**
  - Adjust to set the duration the light stays on after motion is detected. Adjustable from 20 seconds to 3 minutes.
- **SENS (Motion Sensitivity/Distance):**
  - Adjust to control the detection distance of the motion sensor. Adjustable from 2 meters to 10 meters.



Image: Close-up of the motion sensor with labels for SENS, TIME, and LUX adjustment knobs, explaining their functions and ranges.



Image: Illustrates the sensing angle (120°) and sensing range (2-10 meters) of the motion sensor, along with the effect of LUX settings (day/night

operation).

Maintenance

Regular maintenance ensures optimal performance and longevity of your floodlight:

- **Cleaning:** Periodically clean the surface of the floodlight and the sensor lens with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check the power cable and connections for any signs of damage or wear. Ensure all mounting screws are tight.
- **Obstructions:** Ensure the motion sensor is free from obstructions like leaves, branches, or spiderwebs that could interfere with its detection capabilities.



Image: Depicts the efficient heat-dissipation design of the floodlight, highlighting the fins on the back that promote rapid cooling to extend LED life.

Troubleshooting

If you encounter issues with your JESLED floodlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; LUX setting too low (for daytime operation); Sensor obstructed; Faulty wiring.	Check power connection and circuit breaker. Adjust LUX to "SUN" for testing. Clear sensor path. Verify wiring connections.
Light stays on continuously.	Continuous motion detected; TIME setting too long; Sensor malfunction.	Ensure no constant motion in detection area. Reduce TIME setting. If problem persists, contact support.
Light flashes or flickers.	Unstable power supply; Loose wiring; Product defect.	Check power source stability. Tighten all wiring connections. If issue persists, contact support.
Motion sensor not detecting.	SENS setting too low; Sensor obstructed; Incorrect angle; Temperature interference.	Increase SENS setting. Clear obstructions. Adjust sensor angle. Avoid placing near heat sources.

Specifications

Feature	Specification
Brand	JESLED
Model Number	JESLED
Power	20 Watts
Luminous Flux	2200 Lumens
Light Type	LED
Material	Aluminum, Glass
Color	White
IP Rating	IP66
Product Dimensions	16.3 x 13.2 x 4.5 cm
Item Weight	290 grams
Motion Sensor Range	Up to 10 meters
Lighting Duration (adjustable)	20 seconds to 3 minutes
Cable Length	1 meter

Warranty and Support

JESLED provides a **2-year replacement warranty** for this product. If you encounter any issues with your light, please contact the JESLED customer support team directly. We are committed to providing quality service and support.

For support, please visit the official JESLED store or contact their customer service through the platform where you purchased the product.
Visit the JESLED Store on Amazon

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