



Manuals.plus /

› ARTINABS /

› ARTINABS Solar Outdoor Garden Light Instruction Manual

ARTINABS 181

ARTINABS Solar Outdoor Garden Light Instruction Manual

Model: 181 | Brand: ARTINABS

Introduction

Components

Setup

Operating

Maintenance

Troubleshooting

Specifications

Warranty & Support

1. INTRODUCTION

Thank you for choosing the ARTINABS Solar Outdoor Garden Light. This product is designed to provide efficient and reliable outdoor illumination for your garden, pathways, and other outdoor spaces. Featuring an IP65 waterproof rating, motion detection, and two intelligent lighting modes, this solar light offers both security and aesthetic enhancement. Please read this manual carefully before installation and use to ensure optimal performance and longevity of your product.

Outdoor Solar light

Light up the way home



IP65 Waterproof



Energy saving



Motion sensor



High-efficiency solar



Easy Installation



High conversion rate



Image: ARTINABS Solar Outdoor Garden Light providing illumination for an outdoor pathway.

2. PACKAGE CONTENTS

Please verify that all components are present in your package:

- Solar Light Head (with integrated solar panel, reflector, PIR sensor, and ON/OFF switch) x 4
- Long Connecting Pipe x 4
- Short Connecting Pipe x 4
- Ground Spike x 4
- User Manual x 1

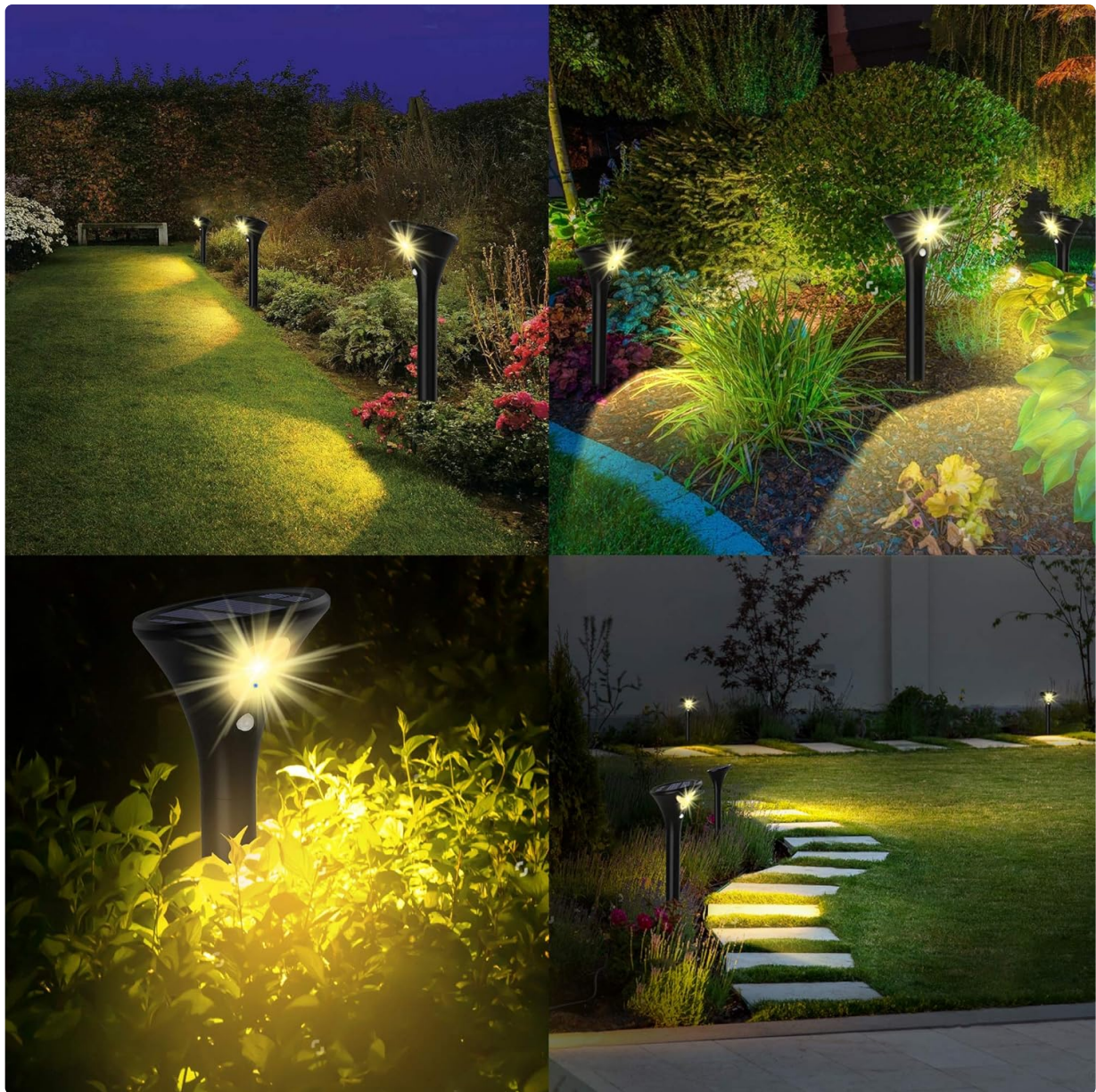


Image: Diagram showing the individual components of the solar light, including the solar panel, reflector, PIR sensor, connecting pipes, and ground spike.



Image: Visual representation of the items included in the product packaging, confirming the quantity of each part.

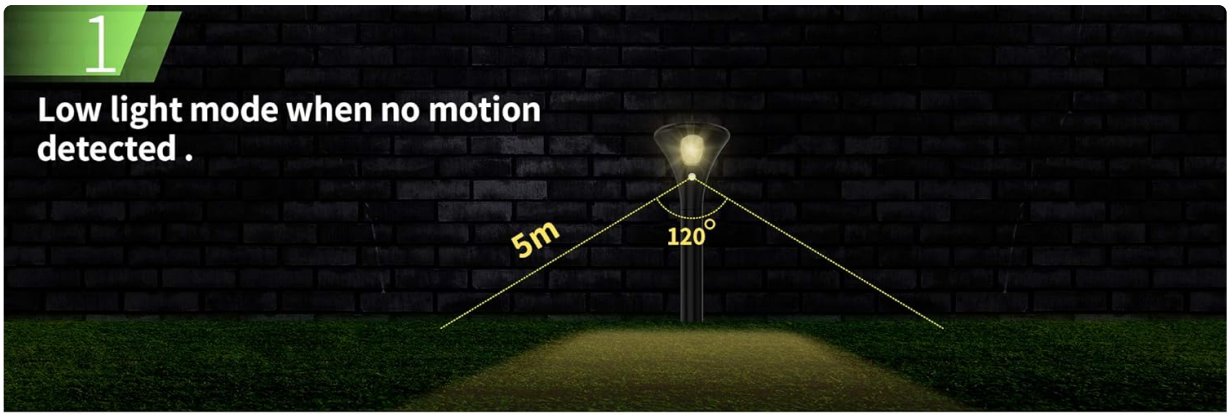
3. SETUP AND INSTALLATION

Follow these steps to correctly install your solar garden lights:

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Activate the Light:** Locate the ON/OFF switch on the underside of the solar light head. Press the switch to turn the device ON. A blue indicator light will illuminate, confirming activation.
3. **Assemble the Pole:** Connect the long and/or short connecting pipes to the solar light head and then to the ground spike. The three-section pipe system allows for flexible height adjustment up to 62 cm.
4. **Choose Location:** Select an outdoor location where the solar panel can receive direct sunlight for at least 6-8 hours daily. Avoid areas under eaves, trees, or other obstructions that might block sunlight or artificial light sources at night, which could interfere with the light sensor.
5. **Install into Ground:** Firmly push the assembled light, with the ground spike, into soft ground. Ensure it is stable and upright.

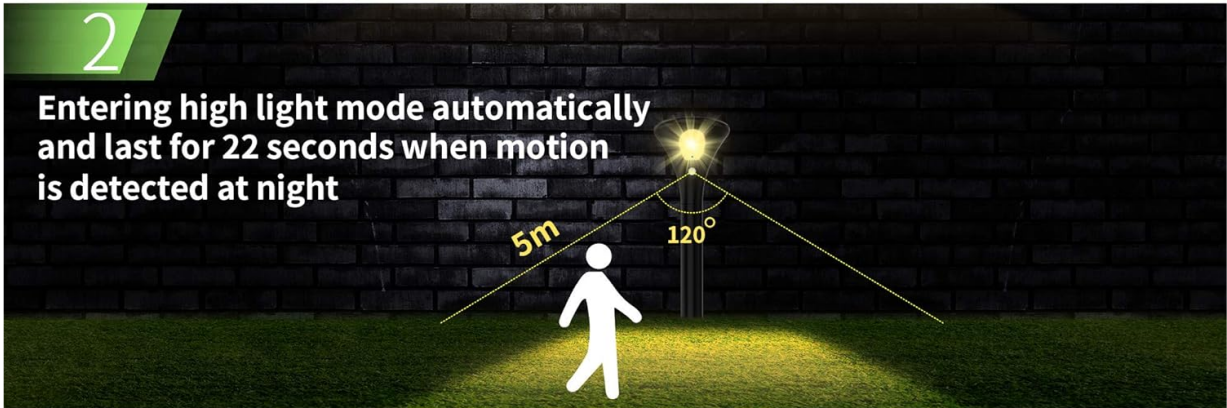
1

Low light mode when no motion detected .



2

Entering high light mode automatically and last for 22 seconds when motion is detected at night



3

Auto low light mode will automatically on when motion is stopped

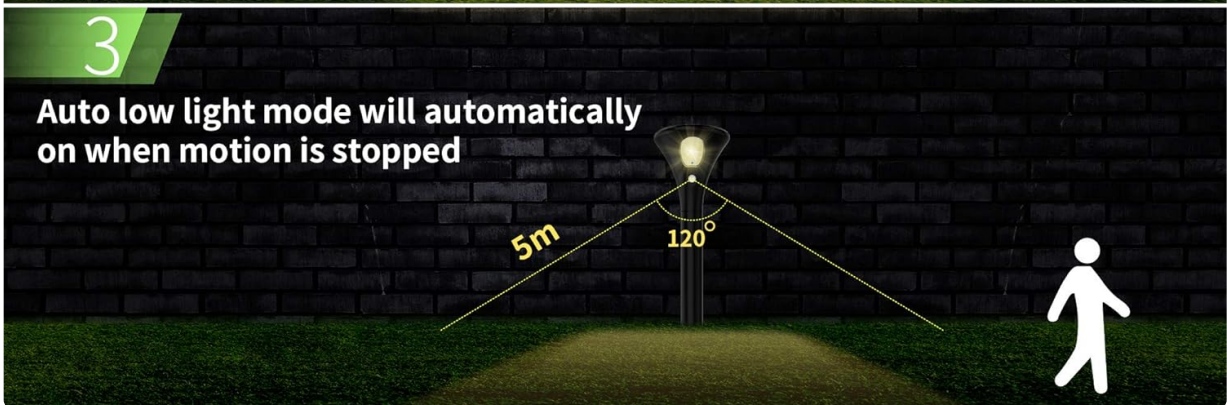


Image: Visual guide demonstrating how to turn on the switch, connect the pipes, install the light into the ground, and identify the blue indicator light.

4. OPERATING INSTRUCTIONS

The ARTINABS Solar Outdoor Garden Light operates automatically once activated and charged.

4.1 Charging

During the day, the integrated solar panel absorbs sunlight and converts it into electrical energy, which is stored in the internal rechargeable battery. Ensure the solar panel is clean and free from obstructions for efficient charging.



1

Turn on the switch



2

Three section connecting pipes allows flexible installation



3

Install the light into the ground



4

Blue indicator light to indicate the battery

Image: Illustration showing the solar light charging in daylight and automatically illuminating at night.

4.2 Automatic Operation and Lighting Modes

The light features a light sensor and a motion detector for intelligent operation:

- **Automatic On/Off:** The light will automatically turn on at dusk and turn off at dawn.
- **Dim Light Mode (No Motion):** When no motion is detected at night, the light will operate in a continuous dim light mode, providing subtle ambient illumination.
- **Strong Light Mode (Motion Detected):** Upon detecting motion within approximately 5 meters and a 120° angle, the light will automatically switch to a strong, bright light mode for approximately 20-22 seconds. After this period, if no further motion is detected, it will revert to dim light mode.

A fully charged battery can provide 10-12 hours of strong light mode or up to 100 hours in dim light mode.



Image: Visual explanation of the three operational modes: low light when no motion, high light for 22 seconds when motion is detected, and auto low light when motion stops.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ARTINABS Solar Outdoor Garden Light, follow these maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Check for Obstructions:** Periodically check that no new obstructions (e.g., growing foliage) are blocking direct sunlight from reaching the solar panel.
- **Inspect for Damage:** Occasionally inspect the light for any physical damage. The product is IP65 waterproof, meaning it is protected against dust and low-pressure water jets, and resistant to rain, snow, and heat. However, avoid immersing the solar panel in water.
- **Battery Care:** The integrated lithium battery is designed for long life. If the light's performance significantly decreases over time, ensure it is receiving adequate sunlight for charging.

IP65 Waterproof

Caution: Please do not immerse the solar panel in the water



Image: The solar light enduring rainfall, highlighting its IP65 waterproof, sun-proof, wind resistance, rain-proof, and snow-proof features.

6. TROUBLESHOOTING

If your solar light is not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	<ol style="list-style-type: none"> 1. Switch is OFF. 2. Insufficient sunlight for charging. 3. Solar panel is dirty or obstructed. 4. Installed near other light sources. 	<ol style="list-style-type: none"> 1. Ensure the ON/OFF switch is in the 'ON' position. 2. Relocate the light to an area with 6-8 hours of direct sunlight daily. 3. Clean the solar panel. Remove any debris. 4. Move the light away from streetlights or other artificial lights.
Light duration is short.	<ol style="list-style-type: none"> 1. Insufficient charging. 2. Battery capacity reduced over time. 	<ol style="list-style-type: none"> 1. Ensure the solar panel receives full, direct sunlight. Clean the panel regularly. 2. Allow several sunny days for the battery to fully charge. If the issue persists after extended use, the battery may be nearing the end of its lifespan.
Motion sensor not working or too sensitive.	<ol style="list-style-type: none"> 1. Sensor obstructed. 2. Environmental factors (e.g., strong wind moving objects). 	<ol style="list-style-type: none"> 1. Ensure the PIR sensor lens is clean and unobstructed. 2. Adjust the light's position if false triggers are frequent due to moving branches or small animals.

7. SPECIFICATIONS

Feature	Detail
Brand	ARTINABS
Model Number	181
Dimensions (L x W x H)	22 x 28 x 11 cm (product); 10.6L x 10.6W x 61.8H cm (assembled)
Weight	319 g
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Warm White (light), Black (fixture)
Power Source	Solar Powered
Voltage	6 Volts
Wattage	5 Watts
Luminous Flux	120 Lumen
Bulb Type	LED
Number of Bulbs	4
Special Features	Motion Detector
Protection Rating	IP65
Installation Type	Ground Mount
Battery	3.7V 1500 mA Lithium (integrated)
Light Angle	120°

For more detailed energy information, please refer to the EU EPREL database via the following link:

EU EPREL Product Information

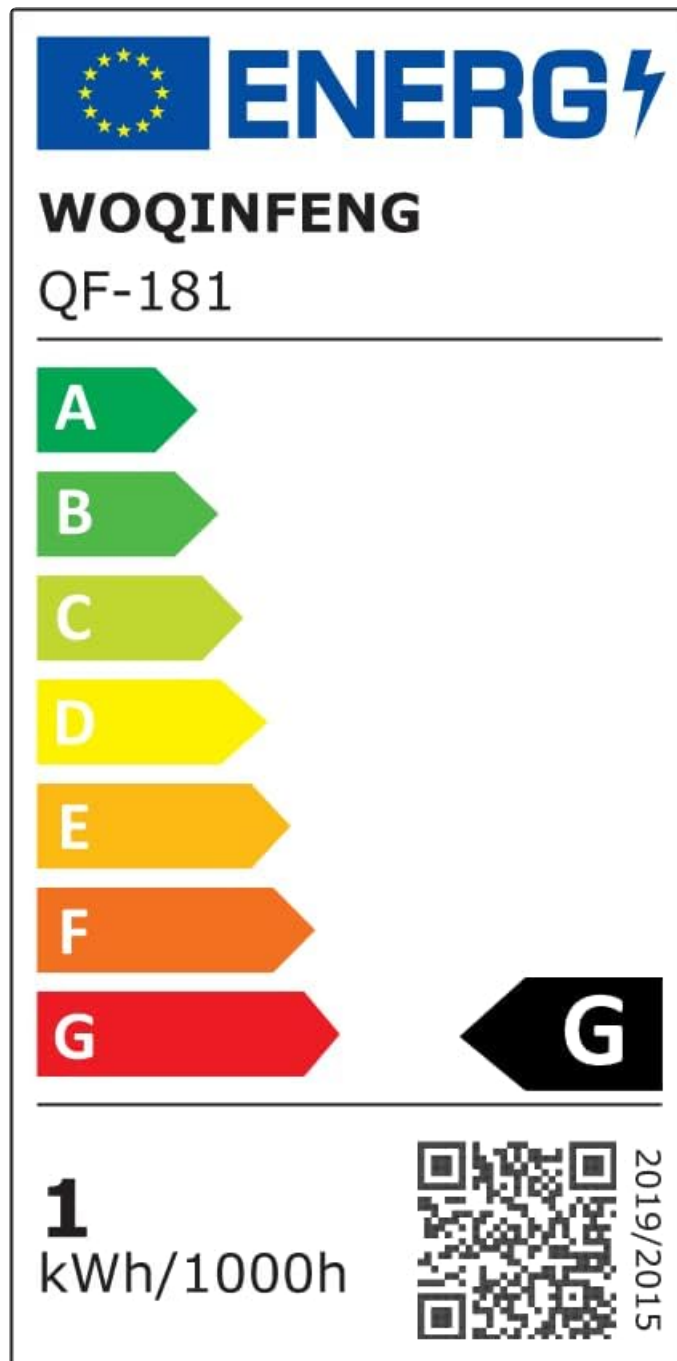


Image: EU Energy Label indicating energy efficiency class G for model QF-181.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Specific warranty details for the ARTINABS Solar Outdoor Garden Light may vary by region and retailer. Please retain your proof of purchase. For detailed warranty terms and conditions, refer to the documentation provided at the time of purchase or contact your retailer.

8.2 Customer Support

If you encounter any issues or have questions not covered in this manual, please contact the retailer from whom you purchased the product. You may also visit the ARTINABS official website for further support information.

