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NYMPHY cdd

NYMPHY IP68 Waterproof 56 LED Solar Landscape Spotlights User Manual

Model: cdd

Introduction Safety Components Setup Operation Maintenance Troubleshooting Specifications Warranty

1. Introduction

The NYMPHY Solar Landscape Spotlights are designed to provide efficient and reliable outdoor lighting using solar energy. Each unit features 56 LEDs, offering three distinct lighting modes, and is built with IP68 waterproof rating for durability in various weather conditions. These lights are suitable for illuminating gardens, yards, pathways, and other outdoor areas.



Image: Four NYMPHY solar landscape spotlights, showcasing their design and cool white illumination.

2. Safety Information

- Ensure the solar panel is clean and free from obstructions to allow for optimal charging.
- Do not attempt to disassemble or modify the product, as this may void the warranty and pose safety risks.
- Keep the product away from open flames or extreme heat sources.
- Dispose of batteries according to local regulations.
- Avoid direct eye exposure to the LED light source.

3. Package Contents and Product Overview

3.1 Package Contents

- Outdoor Solar Lights x 4
- Ground Stake x 4
- Screw x 10
- Expansion Tube x 10
- User Manual x 1



Image: Illustration of the items included in the product package.

3.2 Product Components

Each solar spotlight consists of a solar panel, an LED light head with 56 LEDs, a power button, and an adjustable arm. The unit is constructed from high-impact ABS plastic and polycrystalline silicon for durability.



Image: Detailed view of the solar light's dimensions and adjustable features.

- **Solar Panel:** Converts sunlight into electrical energy.
- **LED Light Head:** Contains 56 bright LEDs for illumination.
- **Power Button:** Used to turn the light on/off and cycle through lighting modes.
- **Adjustable Arm:** Allows for 90-degree adjustment of the solar panel and rotation of the light head for optimal positioning.
- **Ground Stake:** For in-ground installation.
- **Wall Mount Base:** For wall-mounted installation.

4. Setup and Installation

The NYMPHY Solar Landscape Spotlights offer two installation methods: ground stake and wall mount.

4.1 Choosing an Installation Location

Optimal performance depends on proper placement. Consider the following:

- **Direct Sunlight:** Install the light in a location that receives direct sunlight for at least 6-8 hours daily to ensure full charging.
- **Avoid Shade:** Do not install the light in shaded areas, as this will reduce charging efficiency.

- **Avoid Other Light Sources:** Install the light away from other strong light sources (e.g., streetlights, porch lights) as these may interfere with the automatic dusk-to-dawn sensor, preventing the solar light from turning on.



Image: Visual guide for selecting the best installation spot for your solar lights.

4.2 Ground Installation

1. Attach the ground stake to the bottom of the solar light unit.
2. Gently push the assembled light into the ground at your desired location. Ensure the solar panel faces upwards to receive maximum sunlight.
3. Adjust the angle of the solar panel and light head as needed.

4.3 Wall Mount Installation

1. Mark the desired mounting position on the wall.
2. Drill holes at the marked positions. Insert the expansion tubes into the drilled holes.
3. Align the light's mounting base with the holes and secure it with the provided screws.
4. Adjust the angle of the solar panel and light head to direct light as desired.



Image: Instructions for easy installation, showing both ground and wall mounting options.

5. Operating Instructions

5.1 Initial Activation

Before first use, ensure the solar lights are switched to the "on" mode. Locate the power button, typically on the back or underside of the light head. Press it once to activate the light.

5.2 Lighting Modes

The NYMPHY Solar Landscape Spotlights feature 3 brightness modes:

- **Low Light Mode (X1):** Provides subtle illumination for extended periods.
- **Medium Light Mode (X2):** A balanced brightness for general lighting.
- **High Light Mode (X3):** Maximum brightness for enhanced visibility.

To cycle through the modes, press the power button repeatedly until your desired brightness is selected. The light will remember the last selected mode.



Image: Illustration of the power button and the three available lighting modes.

5.3 Automatic Operation

The solar lights are equipped with a light sensor. They will automatically charge during the day and turn on at night, operating in the last selected lighting mode. There is no motion detection feature.



Image: Visual representation of the automatic day/night function and weather resistance features.

5.4 Charging

The integrated polycrystalline silicon solar panels have an energy conversion rate of up to 20%, ensuring efficient charging even on cloudy days. The lights are designed to stay illuminated for 6-20 hours depending on the amount of sunlight received and the selected brightness mode.



Image: Internal view of the solar light, detailing its high-efficiency components.

6. Maintenance

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures optimal sunlight absorption and charging efficiency.
- **Battery Care:** For optimal battery life, ensure the lights receive full sun exposure for charging, especially after prolonged periods of low light. If the lights dim or do not last through the night, turn them off for 2-3 days to allow the battery to fully recharge.
- **Seasonal Adjustments:** In winter months or areas with less sunlight, the operating time may be reduced. Consider repositioning lights for maximum sun exposure during these periods.

7. Troubleshooting

- **Light does not turn on at night:**

- Ensure the power button is in the "on" position.
- Verify the solar panel is receiving direct sunlight for at least 6-8 hours daily.
- Check if the light is installed near other strong light sources that might trigger the sensor.
- Allow the light to charge for 1-2 full sunny days before initial use.

- **Light is dim or does not last long:**
  - The solar panel may be dirty; clean it regularly.
  - Insufficient sunlight during the day. Reposition the light or ensure no obstructions.
  - The battery may not be fully charged. Turn the light off for 2-3 sunny days to allow a full recharge.
  - Extreme weather conditions (very cold or cloudy) can affect battery performance.
- **Water inside the light:**
  - While rated IP68 waterproof, extreme conditions or damage can compromise the seal. If water ingress occurs, contact customer support.

8. Specifications

Feature	Detail
Brand	NYMPHY
Model Name	cdd
Color	Cool White
Material	High-impact ABS Plastic & Polycrystalline Silicon
Light Fixture Form	Spotlight
Product Dimensions	4"L x 3.5"W x 12"H
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Control Method	Push Button
Light Source Type	LED
Number of Light Sources	56
Voltage	6 Volts
Light Color	Cold White
Item Weight	2 Pounds
Number of Items	4
Wattage	2 watts
Unit Count	4.0 Count
Water Resistance Level	Waterproof (IP68)
Brightness	400 Lumen
Mounting Type	Wall Mount, Ground Stake
Batteries	1 Lithium Ion battery required (included)
Average Battery Life	2 years

9. Warranty and Support

This product comes with a 45-day full refund policy and a 12-month after-sale warranty. For any questions or support needs, please contact NYMPHY customer service.
For further assistance, please refer to the contact information provided with your purchase or visit the official NYMPHY store online.

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