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## intelamp YL001-21A

# intelamp YL001-21A Solar Spot Light Instruction Manual

Outdoor Waterproof RGB + 3 Color LED Landscape Flood Lighting Spotlights with Remote

## INTRODUCTION

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Thank you for choosing the intelamp YL001-21A Solar Spot Light. This manual provides essential information for the proper setup, operation, and maintenance of your new solar lights. Designed for outdoor use, these lights offer versatile illumination with multiple color options and a robust, waterproof construction.

## PRODUCT OVERVIEW

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### Key Features:

- **Powerful Illumination:** 2000 Lumens brightness for effective outdoor lighting.
- **Energy Efficient:** Features a 3W monocrystalline solar panel with 25% charging conversion efficiency.
- **Long-lasting Battery:** Equipped with a 4000mAh LiFePO4 battery, providing 8-20 hours of night lighting on a full charge.
- **Versatile Lighting Modes:** Offers 3 main color temperatures (Cool White, Natural White, Warm White) and a vibrant RGB mode for the crystal light.
- **Remote Control:** Adjust brightness, color, and set timers conveniently.
- **Durable Design:** IP65 waterproof rating, resistant to rain, snow, and heat.
- **Easy Installation:** Wire-free design with a reinforced one-piece base for ground staking.
- **Adjustable Angle:** 120° adjustable light head for targeted illumination.

### Package Contents:

- intelamp Solar Spot Light Units (2)
- Ground Stakes (2)
- Remote Control (1)
- Instruction Manual (1)
- Battery for Remote (1)



Figure 1: Diagram showing the dimensions and components of the intelamp solar spot light, including the monocrystalline solar panel, 120° adjustable angle, 56 LED light beads, and switch button.

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Video 1: This video provides an unboxing and initial overview of the intelamp solar path light, demonstrating its components and design.

## SETUP

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### 1. Initial Charge:

Before first use, ensure the solar panel is exposed to direct sunlight for at least 6-8 hours to fully charge the internal battery. The light will automatically turn on at dusk once charged.

### 2. Choose Installation Location:

Select a location that receives ample direct sunlight throughout the day. Avoid areas under dense shade or near other strong light sources (like streetlights), as these can interfere with the solar light's automatic dusk-to-dawn function.



Figure 2: Illustration demonstrating optimal placement for the solar spot light, advising against installation in shade or under other light sources, and recommending direct sunlight.

### 3. Assembly and Installation:

1. **Turn On:** Locate the power button on the back of the light unit and press it to turn the light on.
2. **Assemble:** Connect the clear crystal pole to the ground stake, then attach the light unit to the top of the clear pole.
3. **Insert into Ground:** Firmly push the assembled light into the ground at your chosen location.
4. **Adjust Angle:** Adjust the solar panel and light head to ensure optimal sun exposure and desired illumination direction. The light head has a 120° adjustable angle.



Figure 3: Step-by-step visual guide for easy installation: 1. Turn on the light, 2. Assemble the stake, 3. Insert into ground, 4. Adjust light angle.

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Video 2: This video demonstrates the quick and easy setup process for the intelamp solar path light, showing how to assemble and install it.

## OPERATING INSTRUCTIONS

### 1. Power On/Off:

Press the power button on the back of the light unit to turn it on or off. The light will automatically detect dusk and dawn when in the 'ON' position.

### 2. Using the Remote Control:

The included remote control allows for convenient adjustment of various settings:

- **ON/OFF:** Turn the main light on or off.
- **Brightness Adjustment:** Use the brightness buttons to cycle through different intensity levels (e.g., 50%, 75%, 100%).
- **Color Temperature (Main Light):** Select between Cool White (6000K), Natural White (4500K), and Warm White (3000K) for the primary floodlight.
- **RGB Color (Crystal Light):** Choose from 8 single colors or activate a slow color cycling mode for the decorative crystal pole.
- **Timer Settings:** Set the light to operate for a specific duration (e.g., 4 hours) or for 'All Night'.



Figure 4: Image showing the intelamp solar spot light illuminating a garden with three different color temperatures: Cool White (6000K), Neutral White (4500K), and Warm White (3000K), controlled by a remote.

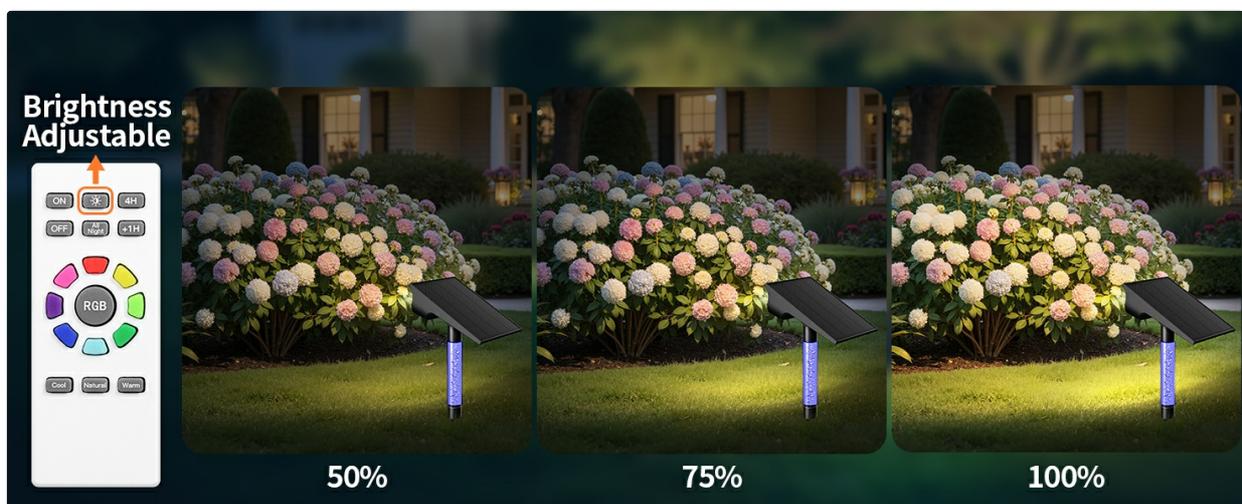


Figure 5: Image illustrating the brightness adjustment feature of the intelamp solar spot light, showing 50%, 75%, and 100% brightness levels in a garden setting, controlled by a remote.



Figure 6: Image demonstrating the crystal light color options, including slow color cycling and 8 single colors, controlled via the remote control.



Figure 7: A close-up view of the intelamp solar spot light in a garden, showcasing the three main color temperature options: Cool White, Neutral White, and Warm White, with the crystal tube also lit.

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Video 3: This video showcases the RGB color-changing capabilities of the intelamp solar spot lights, demonstrating their use

## MAINTENANCE

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### 1. Cleaning the Solar Panel:

Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and optimal charging efficiency.

### 2. Battery Care:

The integrated 4000mAh LiFePO4 battery is designed for long-term performance. Ensure the light receives adequate sunlight daily for consistent charging. In prolonged periods of low sunlight, the illumination time may be reduced.

### 3. Weather Resistance:

The intelamp Solar Spot Light is IP65 waterproof, making it resistant to rain, snow, and various outdoor temperatures. No special weather-related maintenance is typically required, but ensure the unit is securely staked during strong winds.



Figure 8: Image highlighting the IP65 waterproof rating of the intelamp solar spot light, showing it resistant to rain, snow, and heat in various outdoor conditions.

## TROUBLESHOOTING

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- **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. Relocate if necessary.
- Check for any obstructions (e.g., leaves, dirt) on the solar panel and clean it.
- Confirm there are no other strong light sources nearby that might trigger the light sensor to keep the unit off.

- **Light illuminates for a short period:**

- The battery may not be fully charged. Ensure the solar panel receives maximum direct sunlight.
- Lower brightness settings or switch to a less power-intensive color mode to extend illumination time.

- Extreme weather conditions (very cloudy days, low winter sun) can reduce charging efficiency.

- **Remote control not working:**

- Check if the battery in the remote control needs replacement.
- Ensure there is a clear line of sight between the remote and the light unit.

## SPECIFICATIONS

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Feature	Specification
Model Name	YL001-21A
Brand	intelamp
Power Source	Solar Powered
Battery Capacity	4000mAh
Solar Panel Wattage	3 watts
Charging Efficiency	25%
Light Output Maximum	2000 Lumens
Light Colors	Cool White, Natural White, Warm White, RGB
Control Method	Remote
Water Resistance Level	IP65 Waterproof
Material	Acrylonitrile Butadiene Styrene (Plastic)
Product Dimensions	14.5"L x 6.5"W x 4.4"H
Item Weight	1.87 pounds

## WARRANTY & SUPPORT

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### Warranty Information:

This intelamp Solar Spot Light comes with a Limited Warranty. Please refer to the product packaging or contact intelamp customer service for specific warranty terms and conditions.

### Customer Support:

For any questions, technical assistance, or warranty claims, please visit the official intelamp website or contact their customer support team. You can find more information and contact details on the [intelamp Store on Amazon](#).