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intelamp YL001-17B

intelamp Solar Garden Lights (Model YL001-17B) Instruction Manual

INTRODUCTION

Thank you for choosing intelamp Solar Garden Lights. This manual provides essential information for the safe and efficient operation of your new solar lights. Designed for outdoor use, these lights offer versatile illumination with remote control functionality, multiple color temperatures, and robust weather resistance. Please read this manual thoroughly before installation and use.

PACKAGE CONTENTS

Ensure all items are present in your package:

- Solar Garden Lights (2 units)
- Ground Stakes (2 units)
- Remote Control
- Instruction Manual



Image: Overview of the intelamp Solar Garden Light components, including the main light unit, ground stake, and remote control.

PRODUCT OVERVIEW & FEATURES

Durability & Weather Resistance

- **Construction:** Built with 304 stainless steel columns and die-cast aluminum housing for rust, rain, and snow resistance.
- **Cover:** Features an acrylic cover that resists yellowing and cracking, ensuring long-term clarity.
- **Waterproof Rating:** IP65 waterproof for reliable outdoor performance in various weather conditions.

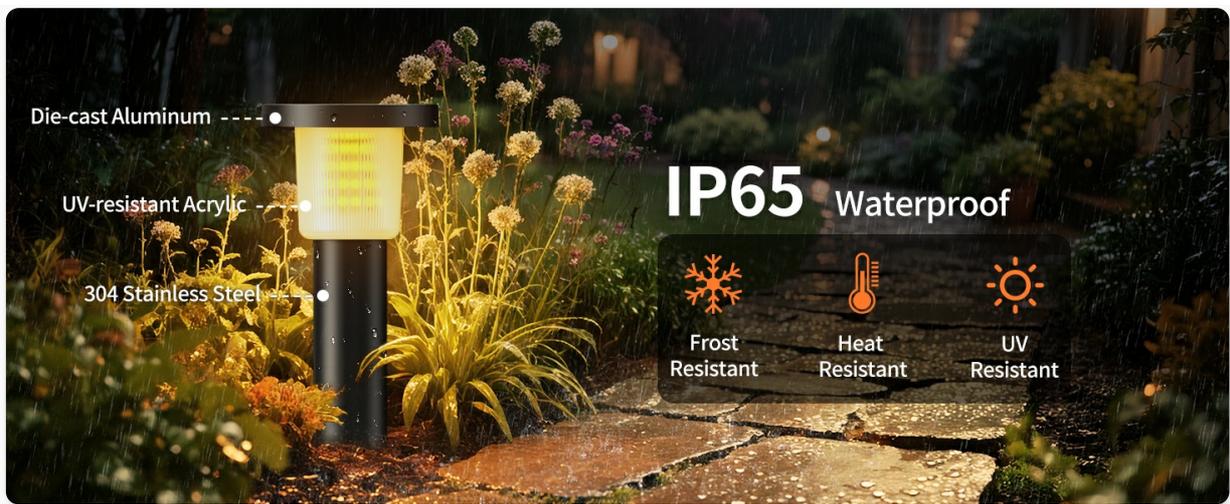


Image: The intelamp solar light in a rainy environment, highlighting its IP65 waterproof, frost-resistant, and heat-resistant features.



Image: An exploded view illustrating the durable materials used in the light's construction, including die-cast aluminum, UV-resistant acrylic, 304 stainless steel, and ABS plastic.

Lighting Performance & Options

- **Brightness:** 64 ultra-cool LED beads provide 30% brighter light (3800mAh battery) for 10+ hours

nightly.

- **Color Temperatures:** Choose from 3 color temperatures: 3000K (Cozy Warm Yellow), 4500K (Soft Warm White), and 6000K (Bright Cool White).



Image: The solar lights showcasing their three adjustable color temperatures: Bright Cool White, Soft Warm White, and Cozy Warm Yellow.

Smart Control & Energy Management

- **Solar Panel:** Monocrystalline silicon panels (20%-25% conversion rate, 5V/480mA) ensure efficient charging even on cloudy days.
- **Battery:** 3.2V/3800mAh battery provides 12+ hours of illumination after 8 hours of sunlight.
- **Remote Control:** A 5-meter remote allows adjustment of brightness (50%-75%-100%), scheduling runtime (2-12 hours), and activating post-midnight dimming.
- **Intelligent Discharge Control:** Adapts to weather conditions to ensure light when needed most.



Image: Illustration of the solar light's functionality, charging for 8 hours in sunlight and providing all-night illumination.

SETUP & INSTALLATION

Installation is quick and easy, typically taking only a few minutes per light.

1. **Assemble the Lamp Head and Pole:** Connect the lamp head to the pole using the provided screws.
2. **Attach Ground Stake:** Securely connect the ground stake to the bottom of the pole.

3. **Prepare Installation Area:** If the ground is too hard, use tools to loosen the soil first.
4. **Insert into Ground:** Push the assembled light firmly into the desired location in your garden, pathway, or patio.



Image: Visual guide demonstrating the simple assembly and ground insertion process for the solar light.

Video: A short demonstration of the real-life installation and usage of the intelamp solar garden lights, showing how to assemble and place them in the ground.

OPERATING INSTRUCTIONS

Your intelamp Solar Garden Lights are designed for automatic operation, turning on at dusk and off at dawn. For customized control, use the included remote.

Remote Control Functions:

- **ON/OFF:** Manually turn the lights on or off.
- **Color Temperature:** Select between Cool White (6000K), Neutral White (4500K), or Warm White (3000K).
- **Timer:** Set the lights to operate for 1 hour, 3 hours, 5 hours, or add 1 hour increments. An 'All Night' option is also available.
- **Brightness Adjustment:** Choose between 50%, 75%, or 100% brightness levels.
- **Dim/Switch Off:** Activate post-midnight dimming to conserve energy or switch off the light.

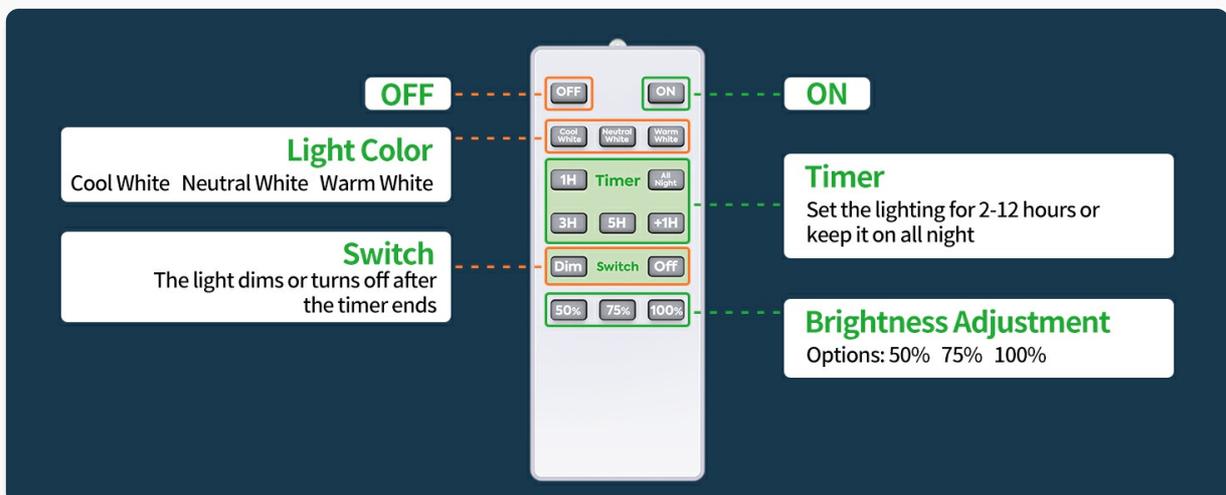


Image: The remote control for the intelamp solar garden lights, detailing buttons for power, color temperature, timer, and

brightness settings.

Video: A brief overview of the intelamp solar garden light in operation, demonstrating its illumination and features.

MAINTENANCE

To ensure optimal performance and longevity of your solar garden lights, follow these simple maintenance tips:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects are shading the solar panel, especially during peak sunlight hours.
- **Inspect for Damage:** Periodically check the lights for any physical damage, loose connections, or signs of wear.
- **Battery Care:** While the battery is included and designed for long life, extreme temperatures can affect its performance.

TROUBLESHOOTING

If you encounter issues with your solar garden lights, try the following:

- **Light Not Turning On:**
 - Ensure the solar panel is clean and receiving direct sunlight for at least 8 hours.
 - Check if the light is set to 'ON' via the remote control or the manual switch (if applicable).
 - Verify there are no external light sources (e.g., streetlights) nearby that might prevent the light sensor from activating.
- **Short Illumination Time:**
 - Confirm the solar panel is free from obstructions and receiving full sunlight.
 - Ensure the light is not set to a short timer duration via the remote.
 - Consider the weather conditions; cloudy days reduce charging efficiency.
- **Remote Control Not Working:**
 - Check the remote control's battery.
 - Ensure you are within the 5-meter operating range of the remote.

SPECIFICATIONS

Feature	Detail
Brand	intelamp
Model Name	YL001-17B
Color	Black
Material	Aluminum, Stainless Steel, Acrylic

Product Dimensions	7.09"L x 7.09"W x 15.75"H
Power Source	Solar Powered
Light Source Type	LED (64 beads)
Voltage	5 Volts
Battery	1 Nonstandard Battery (3.2V/3800mAh)
Special Features	Adjustable Color Temperature, Energy Efficient, Extended Nighttime Illumination, IP65 Waterproof
Control Method	Remote
Indoor/Outdoor Usage	Outdoor
Assembly Required	Yes



Image: Detailed dimensions of the intelamp solar garden light, including the lamp head and ground stake.

WARRANTY & SUPPORT

For warranty information or technical support, please refer to the product packaging or contact intelamp customer service directly. Keep your purchase receipt as proof of purchase.