SANSI C23ZW013-T0005A27

SANSI Pot Clip LED Grow Light User Manual

Model: C23ZW013-T0005A27

1. INTRODUCTION

Welcome to your new SANSI Pot Clip LED Grow Light. This manual provides essential information for the proper setup, operation, and maintenance of your grow light to ensure optimal growth for your indoor plants. Please read these instructions carefully before use and retain them for future reference.

Figure 1: SANSI Pot Clip LED Grow Light in use with indoor plants.

2. FEATURES

- **Efficient Design:** Utilizes SANSI's ceramic technology for efficient power conversion, providing 5W output with 35.78 µmol/s/ @6 inches growing power.
- **Full Spectrum Light:** Delivers 4000K natural light, suitable for all stages of plant growth and comfortable for indoor environments.
- **Flexible Gooseneck:** Features a 360° adjustable gooseneck for precise light positioning over plants.
- **Clip-on Installation:** Equipped with a sturdy clip for easy attachment to plant pots, shelves, or desks.
- **Integrated Timer:** Auto On/Off timer with three settings: 3 hours, 6 hours, and 12 hours.

- **Adjustable Brightness:** Offers 4 dimming levels (25%, 50%, 75%, 100%) to meet varying plant light requirements.

- **Safety Certified:** ETL listed for quality and safety, operating on a 5V low safe voltage.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1 x SANSI Pot Grow Light

- 1 x Power Adapter

- 1 x User Manual

4. SETUP

Follow these steps to set up your SANSI Pot Clip LED Grow Light:

1. **Clamp to the Plant Pot:** Securely attach the clip to the edge of your plant pot, a shelf, or a desk. Ensure the surface is stable enough to support the light's weight and position.

2. **Adjust the Gooseneck:** Flex the 360° adjustable gooseneck to position the light head directly over your plant, ensuring optimal light coverage.

3. **Power the Light On:** Connect the power adapter to the light's USB cable and plug it into a standard electrical outlet.

4. **Press Power Button:** Use the inline controller to turn the light on.
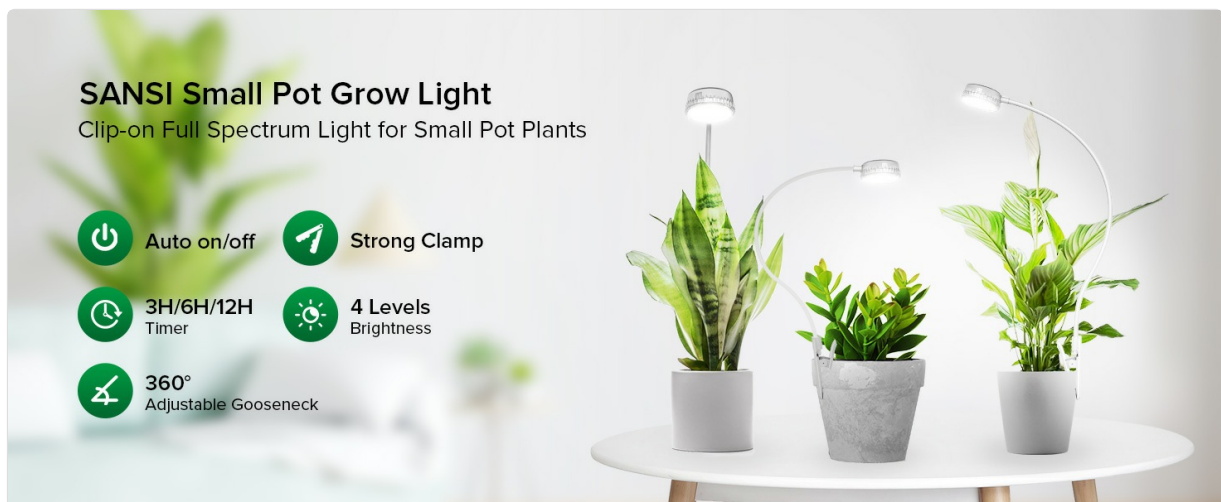

Figure 2: Visual guide for installing the SANSI Pot Clip LED Grow Light.

Video 1: Demonstration of clipping the grow light to a plant pot and turning it on.

5. OPERATING INSTRUCTIONS

The inline controller allows you to manage the light's functions:

- **Power On/Off:** Press the power button ( ) on the inline controller to turn the light on or off.

- **Adjust Brightness (Dimming Levels):** Use the '+' and '-' buttons to cycle through 4 brightness levels: 25%, 50%, 75%, and 100%.

- **Set Timer:** Press the timer button (⏱) to select the desired lighting duration. The indicator light will change color to confirm the setting:

- **Green Light:** 6 hours on, 18 hours off.
- **Red Light:** 12 hours on, 12 hours off.
- **Orange Light:** 3 hours on, 21 hours off.

The timer will automatically cycle daily.
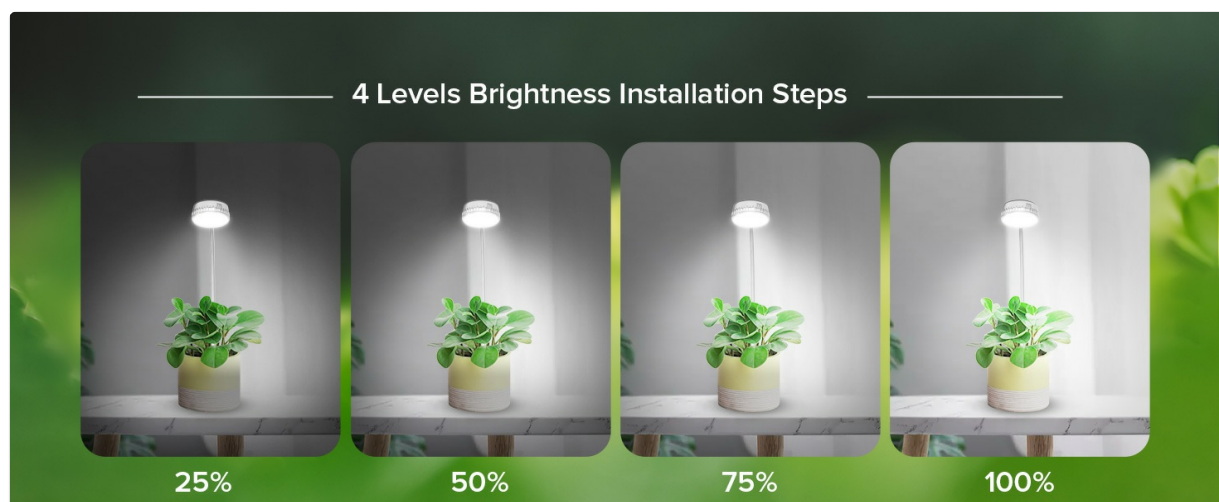

Figure 3: Demonstration of the 4 dimming levels.

Figure 4: Auto On/Off Timer settings indicated by LED colors.

6. Usage Tips

To maximize the benefits of your grow light, consider the following recommendations:

- **Recommended Distance:** Maintain an appropriate distance between the light and your plants. For most small plants and succulents, a distance of 5.9 to 7.9 inches (15-20 cm) is recommended.

- **Recommended Lighting Duration:** The ideal duration varies by plant type. Refer to the table below for common plant recommendations.

- **Coverage:** The light provides effective coverage for small potted plants, typically around 0.32 to 0.54 sq ft depending on the plant type and distance.

- **Light Spectrum:** The full spectrum 4000K natural light is designed to support all stages of plant growth, from germination to fruiting.

Figure 5: Recommended usage for different indoor plants.

Figure 6: Full Spectrum light distribution for plant growth.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your grow light:

- **Cleaning:** Gently wipe the LED light head and gooseneck with a soft, dry cloth to remove dust. Ensure the light is unplugged before cleaning.
- **Storage:** If storing the light for an extended period, unplug it, clean it, and store it in a cool, dry place away from direct sunlight and moisture.

8. TROUBLESHOOTING

If you encounter any issues, refer to the following troubleshooting guide:

- **Light Not Turning On:**

  - Check if the power adapter is securely plugged into both the light's USB cable and a functional electrical outlet.
  - Ensure the power button on the inline controller is pressed.

- **Timer Not Working:**

  - Verify that the timer button has been pressed to select a duration (3H, 6H, or 12H). The corresponding indicator light should be illuminated.

- If the timer was recently set, allow it to complete its first cycle before re-evaluating.

- **Plants Not Thriving:**

  - Adjust the distance between the light and the plant. Too close can cause leaf burn, while too far may reduce light intensity.
  - Confirm that the selected lighting duration and brightness level are appropriate for your specific plant type.
  - Consider other environmental factors such as watering, soil quality, temperature, and humidity.

9. SPECIFICATIONS

Attribute	Detail
Brand	SANSI
Model Name	SANS Pot Clip Grow Light for Indoor Plants
Item Model Number	C23ZW013-T0005A27
Power Source	Corded Electric
Voltage	5 Volts (DC)
Wattage	5 watts
Light Source Type	LED
Light Color	White (4000K)
Light Output Maximum	250 Lumens
Special Features	3/6/12 Auto On/Off Timer, 360° Adjustable Gooseneck, 4-Level Dimming Brightness, Clip-on Installation, Max. Light Height: 12.8 IN
Product Dimensions	5.2"D x 2.83"W x 12.8"H
Item Weight	5.6 ounces
Material	Ceramic, Polycarbonate, Aluminum
Finish Type	Lacquered
Indoor/Outdoor Usage	Indoor
Certification	ETL

10. WARRANTY & SUPPORT

- **Warranty:** This SANSI grow light is covered by a 2-year warranty from the date of purchase.
- **Customer Support:** For any problems, questions, or assistance, please contact the SANSI professional

service team directly via Amazon Message. Our team is available 7 days a week, 24 hours a day, to provide online help.

11. Safety Information

Please observe the following safety precautions:

- For indoor use only. Do not use this product outdoors or in wet environments.

- This product is **NOT** waterproof. Avoid exposure to water or high humidity.

- Ensure the power adapter is compatible with your local voltage and electrical standards.

- Keep the device out of reach of children and pets.

- Do not attempt to disassemble, modify, or repair the product yourself. Contact customer support for assistance.

- Avoid direct, prolonged eye exposure to the LED light.

- Ensure proper ventilation around the light to prevent overheating.