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**SANSI C23ZW026-V0100A27**

# SANSI 100W Full Spectrum Tall Standing Grow Light Instruction Manual

Model: C23ZW026-V0100A27

## INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your SANSI 100W Full Spectrum Tall Standing Grow Light. Designed to mimic natural sunlight, this grow light supports all stages of plant growth, ensuring your indoor plants thrive. Please read this manual thoroughly before use to ensure proper function and safety.

## WHAT'S IN THE Box

- Floor Grow Light (includes Base Plate, Light Source, Lamp Rods, Telescopic Rod, Power Adapter)
- Remote Control
- Instruction Manual

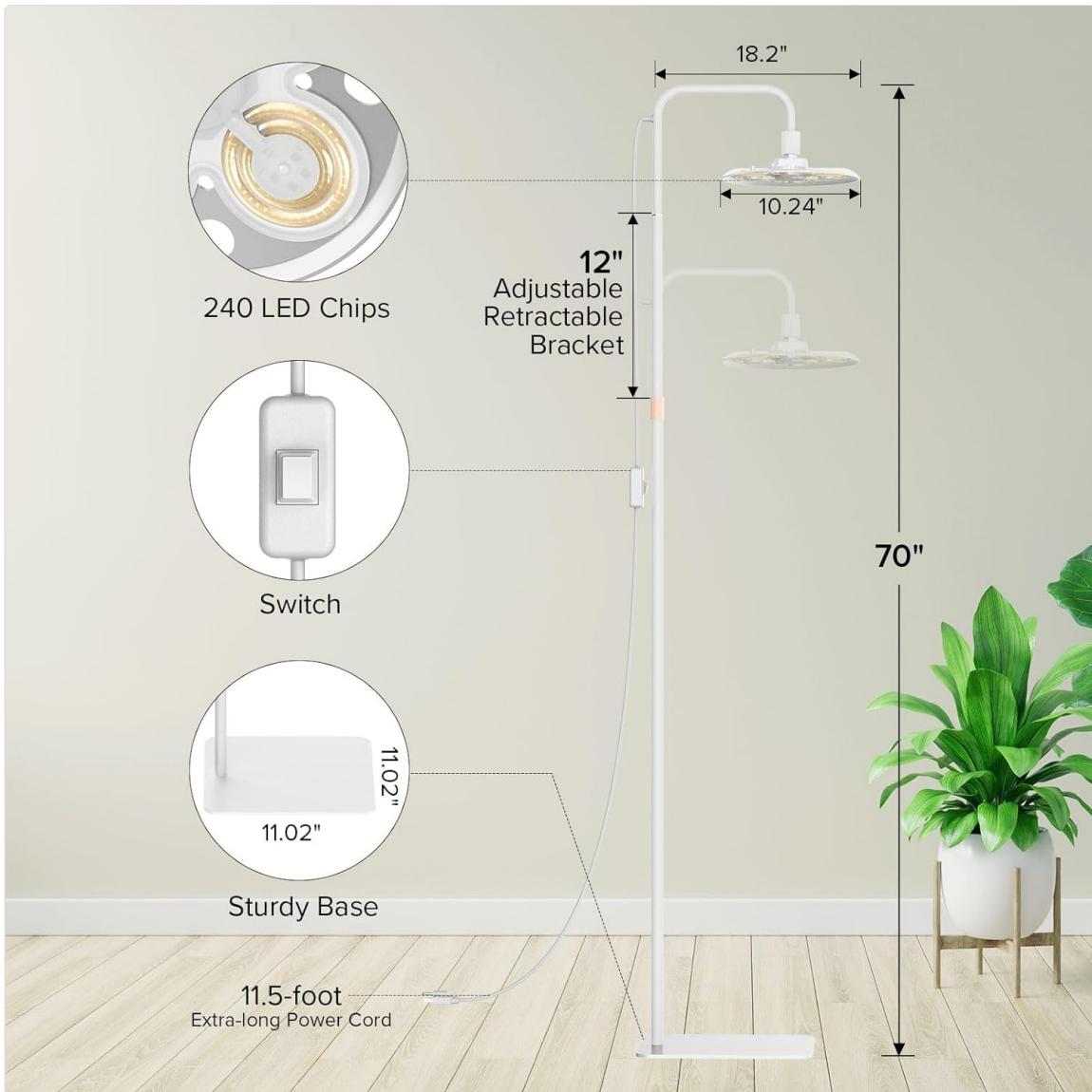


Figure 1: Components of the SANSI 100W Tall Standing Grow Light. This image displays the light head, multiple pole sections, the sturdy base, the power adapter, and the remote control, all neatly arranged.

## ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your SANSI Grow Light:

- 1. Secure the Base Plate:** Ensure the screw on the base plate is securely tightened.
- 2. Attach Lamp Rod 1:** Take out the first lamp rod and align its internal thread with the screw of the base plate. Tighten it securely.
- 3. Attach Lamp Rod 2:** Connect the second lamp rod to the first, aligning the threads and tightening.
- 4. Insert Telescopic Rod:** Take out the telescopic rod. Loosen its adjusting nut and pull out the inner tube. Do not tighten the adjusting nut at this stage; allow the inner tube to extend and retract freely.
- 5. Attach Light Source:** Align the telescopic rod with the light source and tighten it. Hold the light source firmly and tighten the inner tube of the telescopic rod until it is secure. Then, tighten the adjusting nut to prevent the light source from falling.
- 6. Cable Management:** Route the power cable neatly along the pole.



Figure 2: Lay out all components before starting assembly.



Figure 3: Attaching the first lamp rod to the base plate.

Figure 4: Connecting additional lamp rods to achieve desired height.



Figure 5: Attaching the light source to the top pole section.



Figure 6: Securing the power cable along the pole for a tidy setup.



Figure 7: The fully assembled SANSI Grow Light, ready for use.

Video 1: Detailed installation guide for the SANSI 100W Floor Grow Light. This video demonstrates each step of the assembly process, from unboxing to final setup.

## OPERATING INSTRUCTIONS

### Adjustable Height

The SANSI grow light features a three-section detachable metal structure with an adjustable height ranging from 47 inches to 70.86 inches when fully extended. You can easily modify the height by sliding the telescoping pole or removing a section for a shorter lamp. This allows for effortless adjustments as your plants grow.

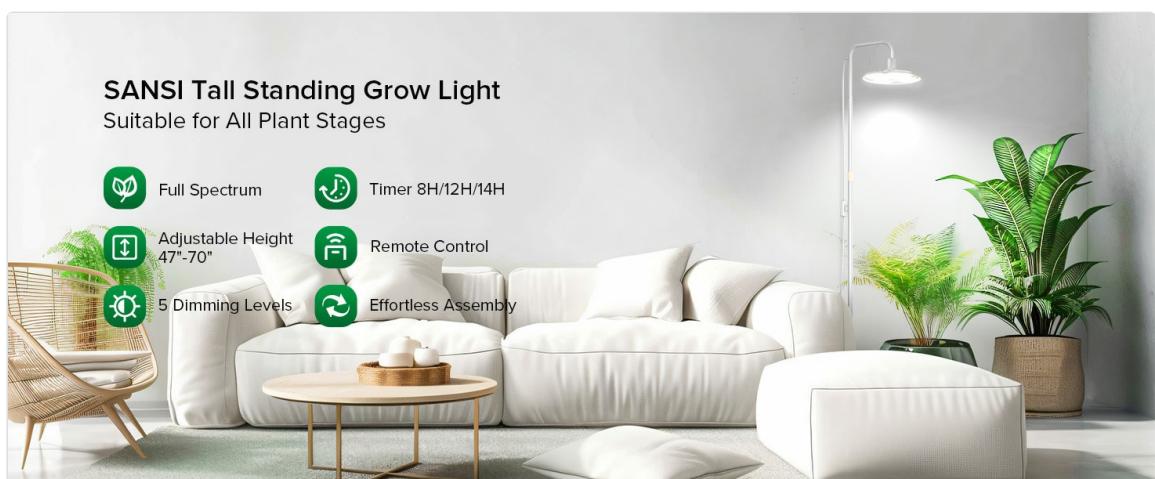


Figure 8: Adjusting the height of the grow light to suit plant growth.

### Remote Control Functions

Use the included remote control to manage the grow light's settings:

- **Power ON/OFF:** Turn the light on or off.

- **Auto Timer:** Set the light to operate for 8, 12, or 14 hours daily. The timer function will be disabled if there is a power outage or the unit is unplugged, requiring a reset.
- **Brightness Levels:** Adjust brightness to 5 levels (20%, 40%, 60%, 80%, 100%) to meet your plants' specific needs.



Figure 9: Remote control layout and functions.



Figure 10: Visualizing the 5 brightness levels.

Video 2: Showcase of the SANSI 100W 1.8m Tall Grow Light, demonstrating its features and benefits for plant growth.

## KEY FEATURES

### Full Spectrum Light

The SANSI Grow Light provides full-spectrum supplementary light across the entire visible range of 400nm to 780nm, closely mimicking the solar spectrum with 4000K daylight. This ensures optimal light for every stage of plant growth, promoting vitality and enhancing yield.

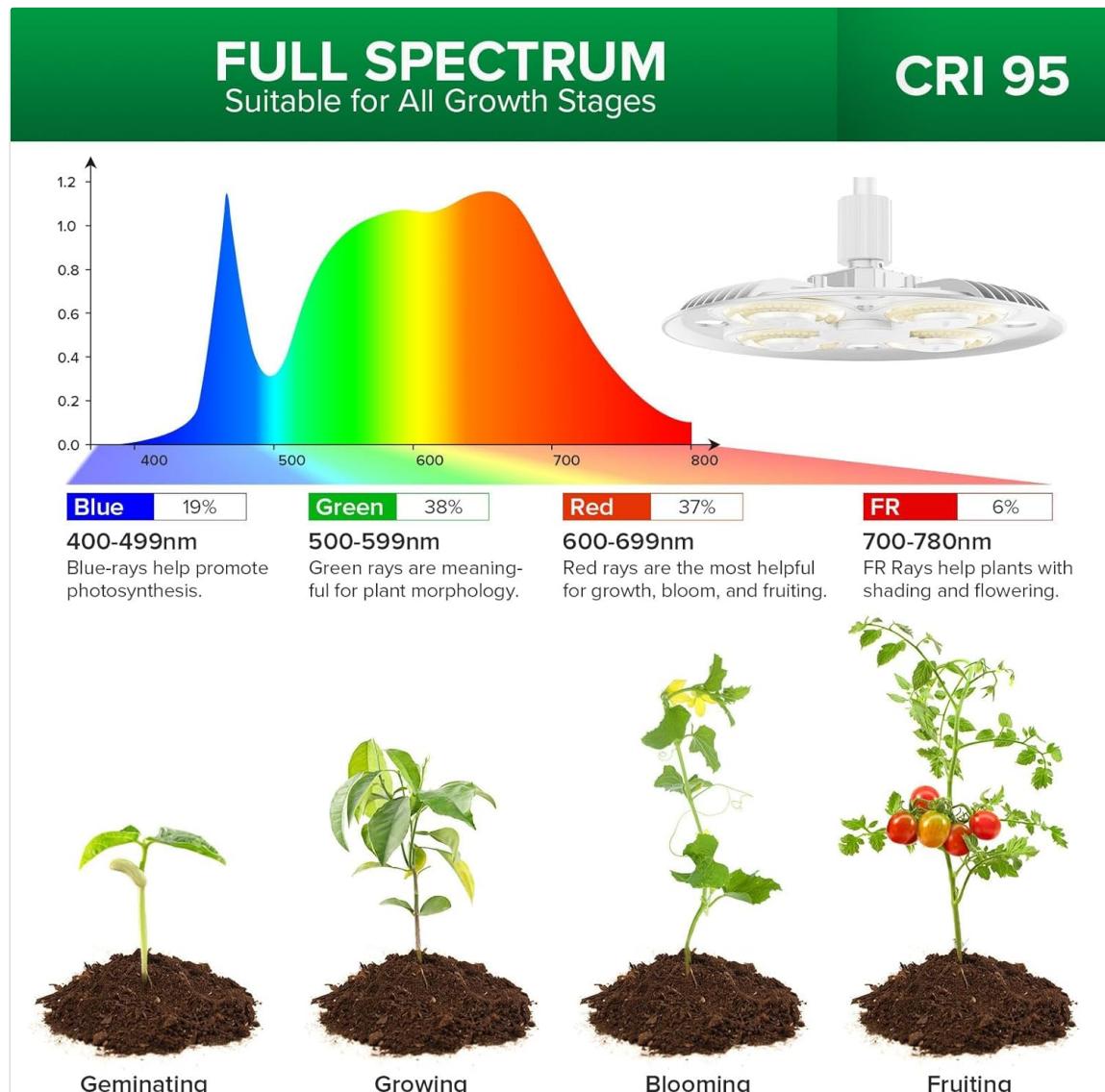


Figure 11: Full spectrum light distribution for all growth stages.

### High PPFD & Energy Saving

With an impressive 10,200 lumens and high Photosynthetic Photon Flux Density (PPFD), this 100W grow light effectively accelerates plant growth while consuming significantly less energy than traditional bulbs. It helps your greenery thrive faster and stronger.

# High PPFD Grow Light

PPFD measures the photons reaching the plant canopy; higher values promote better growth.



Figure 12: High PPFD output for accelerated plant growth.

## Patented Ceramic Technology

SANSI's patented ceramic technology features a non-conductive ceramic heat sink that directly solders the LED chip. This design ensures superior heat dissipation, boosting light efficiency and extending the lifespan of your grow light compared to traditional aluminum-based LED lights.

## Patented Ceramic Technology



Super Brightness



High PPFD Output



Energy Efficient



100W/10200LM



Long Lifespan



Safe and Corrosion-Resistant

Figure 13: Patented Ceramic Technology for enhanced performance and longevity.



Figure 14: Ceramic Technology vs. Traditional Heat Sink.

## Advanced Optical Design

The innovative Secondary Optical Design optimizes light distribution, providing even illumination and enhancing light utilization. This promotes uniform and robust growth for your plants.



Figure 15: Benefits of SANSI's Optical Lens design.

## SAFETY INFORMATION

To ensure safe operation and optimal plant health, observe the following:

- Maintain a distance of at least 1 foot (30 cm) between the light source and your plants to prevent heat stress.
- Avoid touching the bulb while it is in operation, as it can be hot and cause burns.
- Keep power sources and cables away from water and plants during watering to prevent electrical hazards.
- The light source can be adjusted to a range of 15° to the left and right. Do not exceed this range to prevent damage.



Figure 16: Important safety precautions for grow light usage.

## SPECIFICATIONS

Feature	Detail
Brand	SANSI
Model Number	C23ZW026-V0100A27

Power Source	Corded Electric
Wattage	100 Watts
Brightness	10200 Lumens
Color Temperature	4000 Kelvin
Color Rendering Index (CRI)	95
Number of Light Sources	240 LEDs
Adjustable Height	47" - 70.86"
Product Dimensions	18.2" L x 18.2" W x 70" H
Item Weight	12.14 pounds
Material	Aluminum, Polycarbonate (PC), Ceramic
Bulb Features	Dimmable

## WARRANTY AND SUPPORT

Your SANSI Grow Light comes with a **2-Year Support Service**, ensuring long-lasting illumination for your indoor garden. For any inquiries or assistance, please contact SANSI customer support.

Additionally, protection plans are available for purchase:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)



Figure 17: SANSI offers a 2-Year Support Service for your product.