

SANSI C21FS-BE26-80W

SANSI Folding Wings 80W LED Grow Light User Manual

Model: C21FS-BE26-80W

1. PRODUCT OVERVIEW

The SANSI Folding Wings 80W LED Grow Light is designed to provide optimal lighting for indoor plants. It features an adjustable wing-shaped design, full spectrum light, dimming capabilities, and a remote-controlled timer function. This manual provides instructions for safe and effective use of your grow light.



Image 1.1: The SANSI Folding Wings 80W LED Grow Light illuminating a collection of indoor plants, with a remote control held in the foreground.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for indoor use only. Do not expose to water or high humidity.
- Do not look directly into the LED lights when they are operating, as this may cause eye strain.
- Ensure the light is securely installed in a compatible E26 base.
- Keep out of reach of children.
- Do not attempt to disassemble or modify the product.

3. SETUP AND INSTALLATION

1. **Unpack the Grow Light:** Carefully remove the grow light and remote control from its packaging.
2. **Prepare the Fixture:** Ensure your light fixture has a standard E26 base and is rated for the grow light's wattage (80W). Ensure the power to the fixture is off.
3. **Install the Light:** Screw the grow light into the E26 base until it is snug. Do not overtighten.
4. **Adjust the Wings:** The grow light features adjustable wings. Gently fold and position the wings to direct light coverage as needed for your plants. This allows for wider coverage or more focused illumination.

Upgrade Adjustable Wing-Shaped Design

for wider coverage area and more angle requirements



Image 3.1: The SANSI Folding Wings Grow Light shown with its adjustable panels configured in different positions to optimize light distribution for various plant setups.

Note: A corded electric power source is not included with this product and must be supplied separately.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Functions

The grow light is operated using the included remote control. Ensure the remote has working batteries (not included).

Timer and Brightness Adjustment

4/8/12 Hours Timer & 4 Levels Brightness to meet your different needs.

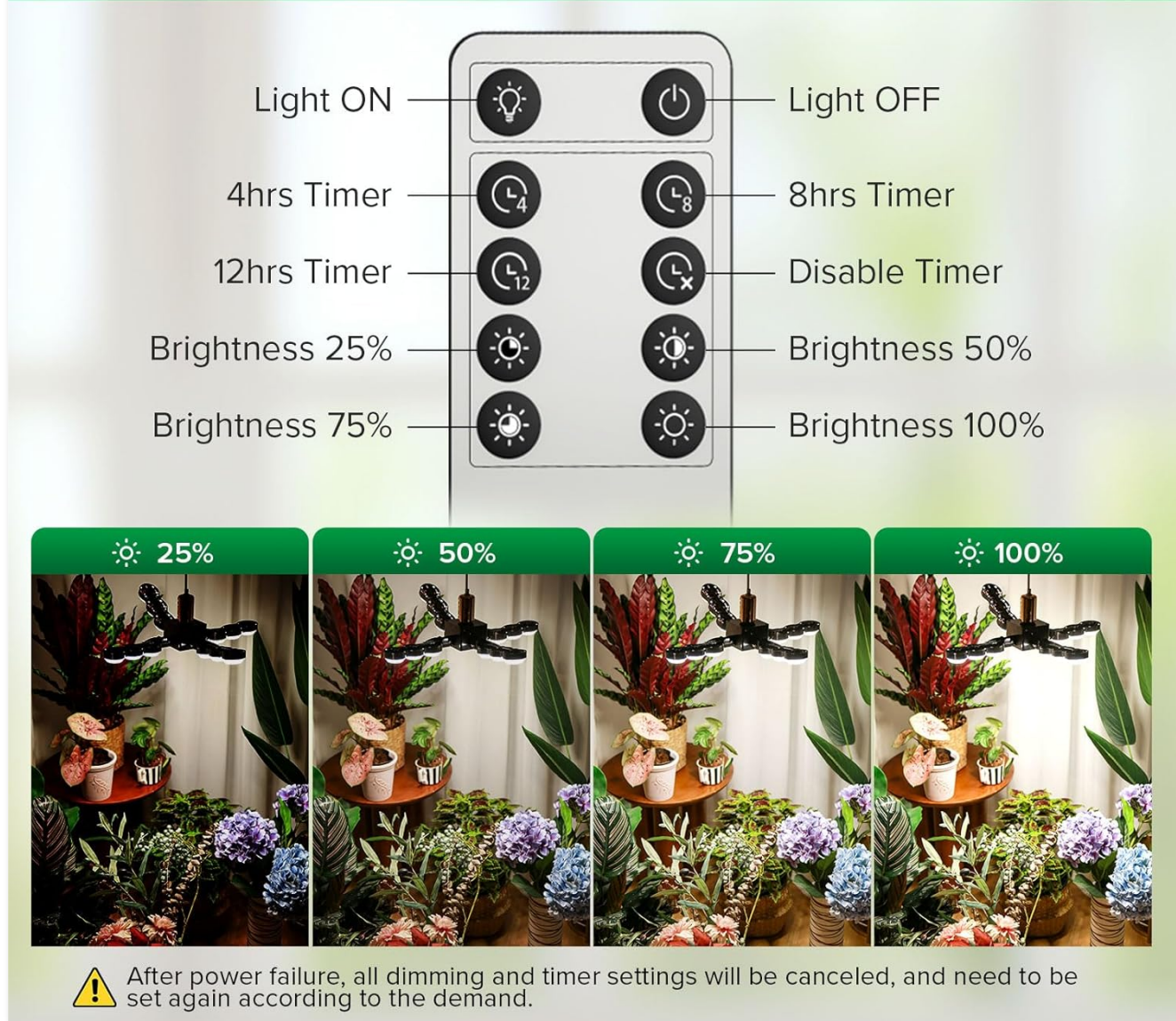


Image 4.1: A diagram illustrating the remote control layout with buttons for Light ON/OFF, 4/8/12 hour timers, disable timer, and four brightness levels (25%, 50%, 75%, 100%).

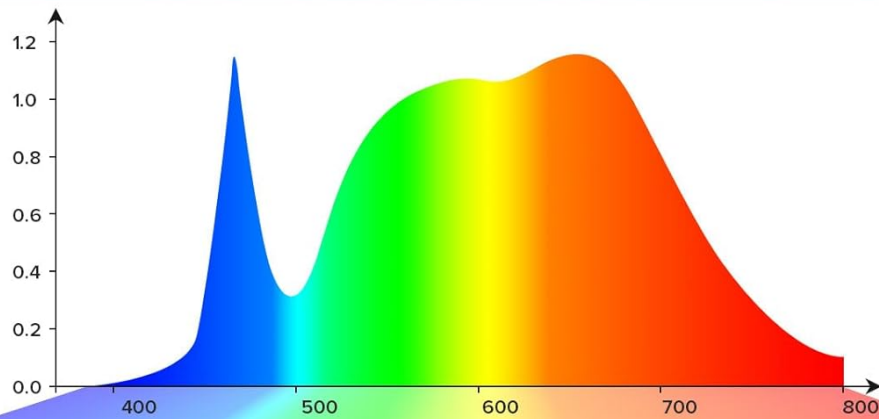
- **Light ON/OFF:** Press the power button to turn the light on or off.
- **Timer Settings:** Select from 4, 8, or 12-hour timer options. The light will operate for the selected duration and then turn off, repeating the cycle daily.
- **Disable Timer:** Press the 'Disable Timer' button to turn off any active timer setting.
- **Brightness Adjustment:** Choose from four dimming levels: 25%, 50%, 75%, or 100% brightness to suit your plants' needs.

4.2 Full Spectrum Lighting

This grow light provides a full spectrum of light, imitating natural sunlight, covering 400nm-780nm. This spectrum is suitable for all stages of indoor plant growth, from germination to fruiting.

FULL SPECTRUM

4000K sunlight for all stages of plant growth



Blue 18.00%

400-499nm

Blue-rays help promote photosynthesis.



Geminating

Green 33.10%

500-599nm

Green rays are meaningful for plant morphology.



Growing

Red 40.42%

600-699nm

Red rays are the most helpful for growth, bloom, and fruiting.



Blooming

FR 8.48%

700-780nm

FR helps regulate physiological activities such as shading and flowering.



Fruiting

Image 4.2: A graph illustrating the full spectrum output of the grow light, detailing the percentage of blue (400-499nm), green (500-599nm), and red (600-699nm) light, and their corresponding impact on plant growth stages (germinating, growing, blooming, fruiting).

4.3 Recommended Usage

The optimal distance and duration for the grow light depend on the plant type and growth stage. Refer to the PPFD (Photosynthetic Photon Flux Density) chart for guidance on light intensity at various heights.

OPTICAL LENS for HIGH PPFD

PPFD is measuring how much photons actually land on the canopy, the higher the better.

**400W
Equivalent**

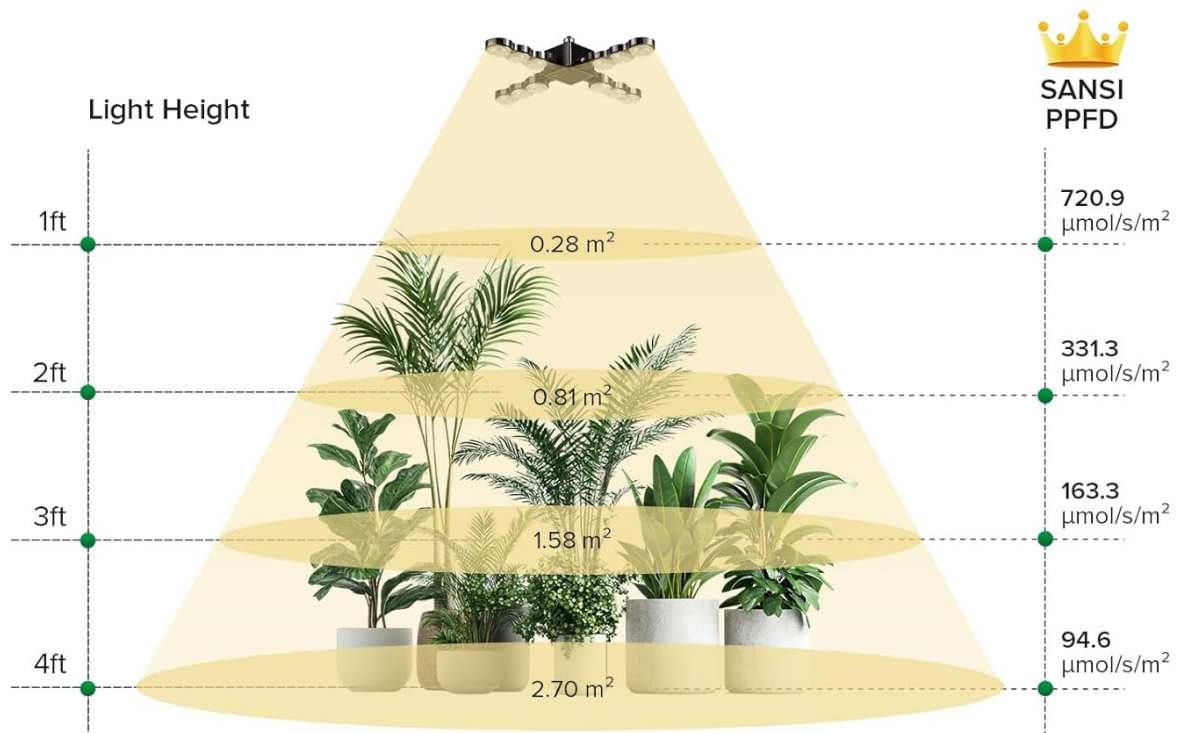


Image 4.3: A chart showing the PPFD values and coverage area of the SANSI grow light at heights of 1ft, 2ft, 3ft, and 4ft, indicating optimal light intensity for plant growth.

5. MAINTENANCE

- **Cleaning:** Ensure the light is off and cool before cleaning. Wipe the surface with a soft, dry cloth. Do not use liquid cleaners or immerse the product in water, as it is not water resistant.
- **Heat Dissipation:** The patented ceramic technology ensures efficient heat dissipation, contributing to a longer product lifespan and reducing maintenance needs. Ensure adequate airflow around the light.
- **Storage:** If storing the light for an extended period, ensure it is clean, dry, and stored in a cool, dry place.

6. TROUBLESHOOTING

- **Light Not Turning On:**
 - Check if the light is securely screwed into the E26 base.
 - Verify that the power outlet or fixture is receiving power.
 - Ensure the remote control batteries are functional and correctly inserted.
- **Timer or Dimming Settings Lost:**
 - In the event of a power failure, all dimming and timer settings will be reset. Re-enter your desired settings using the remote control.
- **Uneven Light Distribution:**
 - Adjust the folding wings to optimize light coverage for your specific plant arrangement.

7. SPECIFICATIONS

Brand	SANSI
Model Number	C21FS-BE26-80W
Wattage	80 Watts
Bulb Base	E26
Voltage	120 Volts (AC)
Light Output	8000 Lumens
Color Temperature	4000 Kelvin
Color Rendering Index (CRI)	95
Material	Ceramic, Polycarbonate
Product Dimensions	5.86"L x 5.86"W x 7.12"H
Item Weight	2.2 pounds
Control Method	Remote Control
Special Features	Dimmable, Timer, Full Spectrum, Wing-shaped Design
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant

8. WARRANTY AND SUPPORT

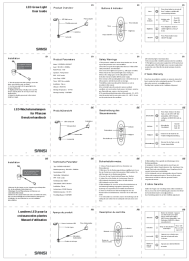
The SANSI Folding Wings 80W LED Grow Light comes with a **2-year limited manufacturer's warranty**. This product is ETL listed, ensuring quality and safety standards are met.



Image 8.1: SANSI branding alongside icons for ETL Certification and 2-Year Service Assistance, highlighting product quality and support.

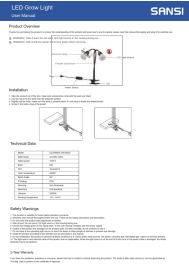
For technical assistance or warranty claims, please contact SANSI customer support. We aim to provide quick response within 24 hours.

For more information, visit the official SANSI store: [SANSI Store on Amazon](#)



[SANSI LED Grow Light User Guide](#)

A user guide for the SANSI LED Grow Light, detailing product overview, installation, parameters, safety warnings, and warranty information. The guide is available in English, German, French, Italian, and Spanish.



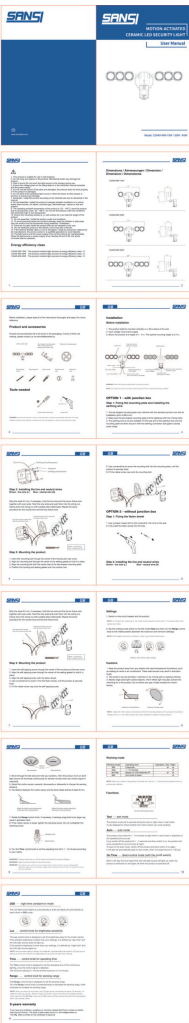
[SANSI LED Grow Light User Manual - Installation, Specs & Safety](#)

Comprehensive user manual for the SANSI LED Grow Light (Model C23ZW003-V0010A27). Includes product overview, installation guide, technical specifications, safety warnings, and 2-year warranty details.



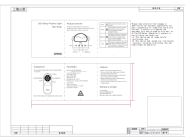
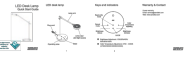
[SANSI RGBW Smart LED Flood Light C21FG002 User Guide & Installation Instructions](#)

Comprehensive user guide for the SANSI C21FG002 RGBW Smart LED Flood Light, covering installation, setup via the Stellar BLE app, product parameters, warnings, and warranty information.



[SANSI 45W Security Lights Outdoor Motion Sensor User Manual](#)

This document provides detailed instructions and specifications for the SANSI 45W Security Lights Outdoor Motion Sensor, a 6000LM 5000K adjustable twin head LED floodlight with PIR sensor, mains powered and IP65 waterproof, suitable for garden, porch, and driveway lighting.

	<p>SANSI LED Galaxy Projector Light User Guide</p> <p>User guide for the SANSI LED Galaxy Projector Light, detailing product overview, button functions, technical specifications, safety cautions, and warranty information.</p>
	<p>SANSI TD08 10W LED Desk Lamp Quick Start Guide</p> <p>Quick start guide for the SANSI TD08 10W LED Desk Lamp, featuring adjustable brightness and color temperature, low blue light emission, and UL certification. Includes basic parameters and important cautions for safe operation.</p>