

## FECiDA CR4000

# FECiDA CR4000 800W LED Grow Light Instruction Manual

Model: CR4000

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your FECiDA CR4000 800W LED Grow Light. Please read all instructions carefully before installation and use to ensure optimal performance and plant health. This grow light is designed to support all growth stages of indoor plants, from seedling to flowering and fruiting, by providing a full spectrum light with adjustable intensity.

## 2. SAFETY INSTRUCTIONS

- Always disconnect the power supply before installation, cleaning, or maintenance.
- Do not look directly at the LED lights when they are on, as this may cause eye strain or damage.
- Ensure the grow light is installed in a well-ventilated area to prevent overheating.
- Keep the grow light away from water and other liquids to prevent electrical shock.
- Do not attempt to modify or repair the unit yourself. Contact qualified personnel for service.
- Keep out of reach of children and pets.

## 3. PRODUCT FEATURES

- **High Output:** Max 800 Watts Actual Power, suitable for 5x5 ft grow tents across all growth stages.
- **Ideal Sunlight Full Spectrum:** Includes UV-IR for comprehensive plant development and eye comfort.
- **Stepless Dimming:** Adjust brightness from 0-100% to match different plant growth stages.
- **Efficient Heat Dissipation:** Features a quiet built-in fan design for optimal temperature control and extended lifespan.

## 4. SPECIFICATIONS

Model Number	CR4000
Brand	FECiDA
Wattage	800 watts
Brightness	80000 Lumen
Light Source Type	LED
Product Dimensions	24.4"L x 16.4"W x 1.8"H
Item Weight	12.47 pounds
Material	Aluminum
Power Source	Corded Electric
Mounting Type	Hanging
Certifications	CE, FCC, RoHS

## 5. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package:

- FECiDA CR4000 800W LED Grow Light Unit
- Power Cord
- Adjustable Rope Hangers
- Steel Hanging Wires with Carabiners
- User Manual



Image: All components included in the FECiDA CR4000 800W LED Grow Light package.

## 6. SETUP & INSTALLATION

1. **Attach Hanging Wires:** Securely attach the steel hanging wires to the four corners of the grow light unit.
2. **Connect Rope Hangers:** Attach the adjustable rope hangers to the steel hanging wires.
3. **Mount the Light:** Hang the grow light from a sturdy support structure in your grow area using the adjustable rope hangers. Ensure the light is level.
4. **Connect Power:** Plug the power cord into the grow light unit, then plug the other end into a suitable power outlet.



Image: FECiDA CR4000 800W LED Grow Light installed with hanging accessories.

Your browser does not support the video tag.

Video: This video demonstrates two methods for installing the FECiDA Pot Plant Grow Light, showcasing its versatility in different setups.

## 7. OPERATING INSTRUCTIONS

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### Dimming Function

The FECiDA CR4000 features a stepless dimming knob, allowing you to adjust the light intensity from 0% to 100%. This enables precise control over the light output to meet the specific needs of your plants at various growth stages.

# STEPLESS DIMMING FUNCTION

*Make Greater Harvest and Save Money of electricity bill.*



Image: The dimming knob allows for stepless adjustment of light intensity.

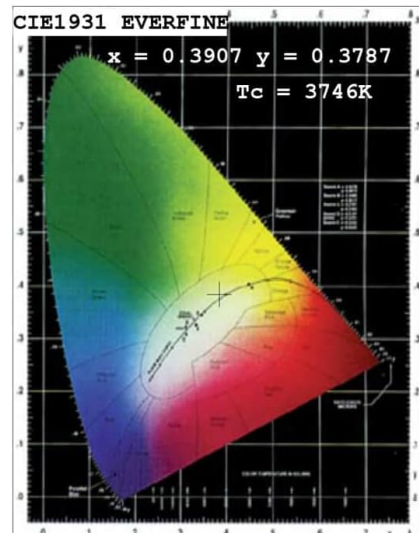
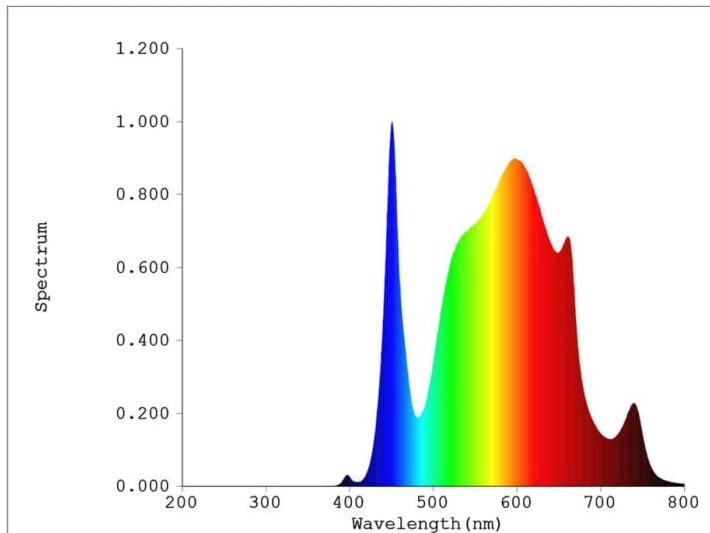
## Full Spectrum Light

This grow light provides a full spectrum of light, including UV (395nm), Warm White (3000K), Blue (5000K), IR (730nm), and Red (660nm). Each component plays a crucial role in different aspects of plant development:

- **UV Light (395nm):** Aids in sterilization and disinfection, promoting healthier plants.
- **Warm White Light (3000K):** Boosts plant bloom, leading to larger and more vivid flowers.
- **Blue Light (5000K):** Promotes plant germination and increases growth rates.
- **IR Light (730nm):** Speeds up phytochrome conversion, enhancing overall plant production.
- **Red Light (660nm):** Increases leaf and crop yield, especially when combined with blue light.



# IDEAL FULL SPECTRUM



## UV Light(395nm)



UV light can sterilize and disinfect, and proper amount of UV light can make plants healthier.

## IR Light(730nm):



Speeds up the Phytochrome conversion, allowing plants to produce a greater yield, IR is dimmer than other red lights.



## Warm White Light(3000K):

Boosts plants bloom, making flowers bigger and vivid.



## Blue Light(5000K):

Promotes plants germination, increasing the growth rate of plants.



## RED Light(660nm):

Yields more leaves and crops when combined with blue light.

Image: Detailed breakdown of the full spectrum light and its benefits for plants.

## 8. USAGE GUIDELINES

### Recommended Coverage Area

The FECiDA CR4000 is designed to effectively cover a 5x5 ft grow tent area.

### Recommended Hanging Heights and Dimming Levels

Adjust the hanging height and dimming percentage based on the plant's growth stage to optimize light exposure and prevent stress:

- **Seedling Stage:** Higher hanging height, lower dimming percentage.
- **Vegetative Stage:** Medium hanging height, moderate dimming percentage.
- **Flowering/Fruiting Stage:** Lower hanging height, higher dimming percentage (up to 100%).

# STRONG COOLING SYSTEM

## Vents in LED Board

*Registered Design Patent*



## Built-in Quiet Fan

*Low Noise and Long Lifespan*



Image: Recommended light intensity and height settings for different plant growth phases.

Your browser does not support the video tag.

Video: This video showcases the FECiDA 2025 Latest Pot Plants Grow Light in various buyer setups, demonstrating its application and effectiveness.

## 9. MAINTENANCE

- **Cleaning:** Regularly wipe the light surface with a soft, dry cloth to remove dust and debris. Ensure the unit is unplugged before cleaning.
- **Fan Check:** Periodically inspect the built-in fan for any obstructions or unusual noises. A clean fan ensures optimal heat dissipation and extends the product's lifespan.
- **Cable Inspection:** Check the power cord and hanging wires for any signs of wear or damage. Replace immediately if any damage is found.



Image: The efficient cooling system with vents and a quiet fan ensures longevity and stable operation.

## 10. TROUBLESHOOTING

- **Light Not Turning On:** Check if the power cord is securely plugged into both the unit and the outlet. Ensure the outlet is functional.
- **Light Not Turning Off Completely:** Some LED lights may exhibit a faint glow even when switched off due to residual current. If this is a concern, unplug the unit completely from the power source.
- **Overheating:** Ensure adequate ventilation around the unit. Check if the fan is operating correctly and free from obstructions.

## 11. WARRANTY & SUPPORT

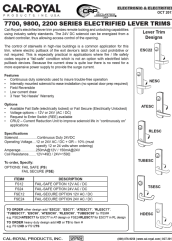
FECiDA offers a 12-month warranty for this product. For any issues or support needs, please contact FECiDA-US customer service through the Amazon messaging system. Extended protection plans (3-Year and 4-Year) are also available for purchase separately.





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