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> Chiphly 85-inch Full Spectrum 60W Grow Light User Manual

### chiphly RF06-002-BK(A)

# Chiphly 85-inch Full Spectrum 60W Grow Light User Manual

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Chiphly 85-inch Full Spectrum 60W Grow Light. Please read thoroughly before use.

## 1. INTRODUCTION

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The Chiphly 85-inch Full Spectrum 60W Grow Light is designed to provide optimal lighting conditions for indoor plants at all growth stages. Featuring 288 high-quality LEDs, it offers a full spectrum light with adjustable color temperature from 2300K to 6500K, 10 dimmable brightness levels, and a convenient 4/8/12-hour timer. Its height-adjustable design and remote control functionality make it suitable for various plant sizes and user preferences.

## 2. PACKAGE CONTENTS

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Verify that all components are present in the package:

- 1x 60W Grow Light Head
- 1x Multiple Aluminum Poles
- 1x Grow Light Base
- 1x Power Adapter
- 1x Remote Control
- 1x User Manual

## 3. SAFETY INFORMATION

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Please observe the following safety precautions:

- Always unplug the grow light from the power outlet before cleaning or performing any maintenance.
- This product is designed for indoor use only. Do not expose to water or high humidity environments.
- Ensure the power adapter is compatible with your local voltage.
- Keep the grow light away from flammable materials.
- Maintain a distance of at least 1 foot (30 cm) between the light head and your plants to prevent heat damage and ensure optimal light distribution. Avoid touching the bulb while it is in operation due to risk of burns.
- Do not attempt to disassemble or modify the product. Contact customer support for assistance.



Image: Proper distance between the grow light and plants. Maintain at least 1 foot to prevent plant damage.

## 4. SETUP INSTRUCTIONS

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Assembly of the Chiphy Grow Light is required. Follow these steps:

1. **Attach the Base:** Securely connect the aluminum pole sections to the integrated steel base. The base is designed for stability.
2. **Assemble Poles:** Connect the multiple aluminum pole sections together to achieve the desired initial height.
3. **Attach Light Head:** Connect the 60W grow light head to the top of the assembled pole. Ensure it is firmly attached.
4. **Connect Power:** Plug the power adapter into the grow light and then into a suitable power outlet.



Image: Components of the Chiphy Grow Light, illustrating the aluminum LED head, aluminum pole with touch control, and integrated steel base.

## 5. OPERATING INSTRUCTIONS

Your Chiphy Grow Light offers various features for optimal plant growth.

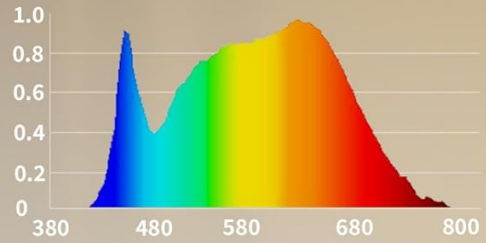
### 5.1 Power On/Off

Press the power button on the touch control panel located on the pole or on the remote control to turn the light on or off.

### 5.2 Full Spectrum Light

The grow light provides a full spectrum of light, simulating natural sunlight, which is crucial for all stages of plant development. It features adjustable color temperatures from 2300K (warm white) to 6500K (cool white).

# Color Temperature 2300K-6500K



Full Spectrum  
Most Like Sunlight



Image: Full spectrum light output with a graph indicating the 2300K-6500K color temperature range.

## 5.3 Brightness Adjustment

Adjust the light intensity using the brightness controls on the touch panel or remote. There are 10 dimmable brightness settings, ranging from 1% to 100%, allowing you to customize the light for different plant needs.



Image: Visual representation of 10 brightness levels and 10 color temperature settings.

## 5.4 Color Temperature Adjustment

The color temperature can be adjusted between 2300K and 6500K to suit various plant growth stages. For seedlings, 5600-6500K is recommended. For growing and blooming, 2300-3500K is suitable. For fruiting, 4000-5000K is recommended.

# 2300K-6500K

## Spectrum Adjustable

### Meet 4 Stages of Plant Growth

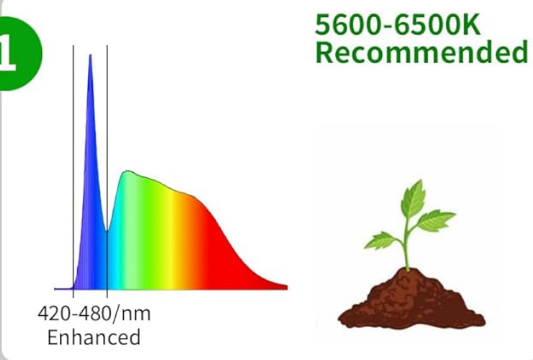
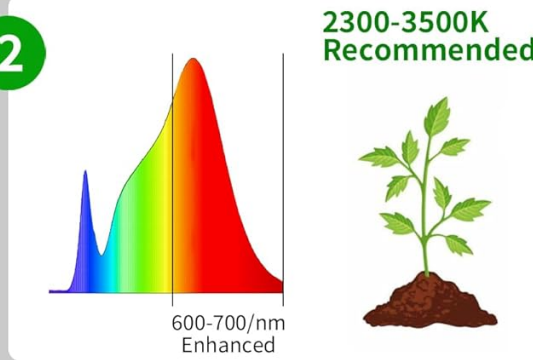
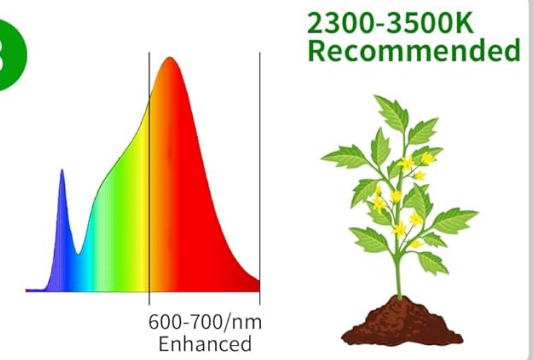
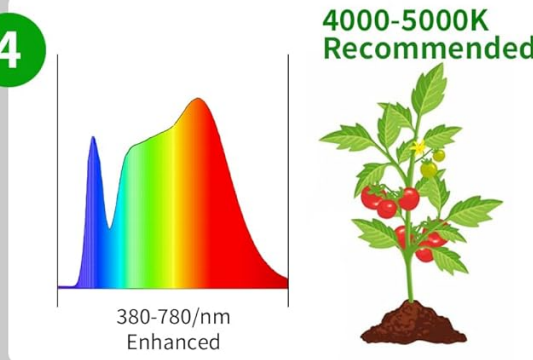
<p><b>1</b></p>  <p>420-480/nm Enhanced</p> <p><b>5600-6500K Recommended</b></p> <p><b>Seedlings</b> Blue light can promote seeding</p>	<p><b>2</b></p>  <p>600-700/nm Enhanced</p> <p><b>2300-3500K Recommended</b></p> <p><b>Growing</b> Red light promote stem leaf growth</p>
<p><b>3</b></p>  <p>600-700/nm Enhanced</p> <p><b>2300-3500K Recommended</b></p> <p><b>Blooming</b> Homogeneous red and blue light promote bud growth, flowering</p>	<p><b>4</b></p>  <p>380-780/nm Enhanced</p> <p><b>4000-5000K Recommended</b></p> <p><b>Fruiting</b> Homogeneous red and blue light promote fruit ripening</p>

Image: Recommended color temperature settings for different plant growth phases.

## 5.5 Timer Function

The integrated timer offers 3 timing cycles: 4 hours, 8 hours, or 12 hours. Once set, the light will automatically turn on and off daily according to the selected cycle (e.g., 4H on, 20H off). This feature is ideal for consistent plant care, especially when you are away.



Image: Overview of the 3 timing modes, remote control, and touch control features.

## 5.6 Remote and Touch Control

The grow light can be controlled via the sensitive touch panel on the pole or the included remote control. Both methods allow you to adjust brightness, color temperature, and timer settings. The light is also compatible with smart plugs (not included) for custom timer schedules.

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Video: Demonstration of the Chiphy Grow Light in operation, showing its illumination of various plants.

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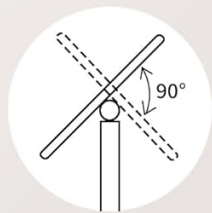
Video: The Chiphy Grow Light illuminating tall plants, demonstrating its height and light coverage. The video also shows the touch controls on the pole.

## 5.7 Height Adjustment

The grow light features a 5-level height adjustment mechanism, allowing you to set the height at 22", 38", 54", 69", or 85" (55.9cm, 96.5cm, 137.2cm, 175.3cm, 215.9cm). This flexibility accommodates small, medium, and large tall plants.

## 5 Heights Adjustable

85in(215.9cm)



90° adjustable  
in any direction

69in(175.3cm)

54in(137.2cm)

38in(96.5cm)

22in(55.9cm)



Image: The grow light shown at its five different adjustable heights.

### 5.8 Light Angle Adjustment

The light head can be adjusted 90 degrees in any direction, providing wider lighting coverage for your plants as needed.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Chiphy Grow Light:

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the light head and pole. Do not use abrasive cleaners or solvents.
- **Heat Dissipation:** The all-aluminum integrated LED panel provides excellent heat dissipation, extending the product's lifespan. Ensure the light head is not obstructed to allow for proper airflow.

# Extreme Heat Dissipation

## All-Aluminum Integrated LED Panel



### VS Traditional Plastic LED Panel

Thermal Conductivity **476 times** ↑

Higher Heat Dissipation Area **79%** ↑

LED Bead Temperature **58°C** ↓

Actual Lifetime **9.8 times longer** ↑

*Image: Comparison of heat dissipation between the aluminum LED panel and traditional plastic panels, highlighting the superior thermal conductivity and longer lifespan of the aluminum design.*

## 7. TROUBLESHOOTING

If you encounter issues with your grow light, refer to the following common problems and solutions:

- **Light does not turn on:**

- Check if the power adapter is securely plugged into both the light and the wall outlet.
- Ensure the wall outlet is functional by testing it with another device.
- If using the remote, check its battery.

- **Remote control is unresponsive:**

- Replace the remote control battery.
- Ensure there are no obstructions between the remote and the light's receiver.
- **Timer function is not working correctly:**
  - Re-set the timer according to the operating instructions.
  - If using a smart plug, verify its settings and connection.
- **Light flickers or dims unexpectedly:**
  - Check for loose connections in the power adapter or pole sections.
  - Ensure the light is not overheating; clear any obstructions around the light head.

If the problem persists, please contact Chiphy customer support.

## 8. SPECIFICATIONS

<b>Brand</b>	chiphy
<b>Model Name</b>	RF06-002-BK(A)
<b>Product Dimensions</b>	9.2"D x 9.2"W x 85"H
<b>Item Weight</b>	8.8 pounds (4 Kilograms)
<b>Lamp Type</b>	LED
<b>Light Source Type</b>	LED
<b>Number of Light Sources</b>	288
<b>Wattage</b>	60 watts
<b>Brightness</b>	6600 Lumen
<b>Voltage</b>	110 Volts (AC)
<b>Color Temperature</b>	2300K-6500K
<b>Dimmable</b>	Yes (10 levels)
<b>Timer</b>	4H/8H/12H Auto-Timer
<b>Height Adjustable</b>	Yes (22"/38"/54"/69"/85")
<b>Control Method</b>	Remote, Touch
<b>Material</b>	Aluminum, Metal
<b>Average Life</b>	100,000 Hours
<b>Indoor/Outdoor Usage</b>	Indoor
<b>Water Resistance Level</b>	Water Resistant (Not Waterproof)

## 9. WARRANTY AND SUPPORT

The Chiphy Grow Light comes with a 3-year guarantee, ensuring quality and reliability. For any product inquiries, technical support, or warranty claims, please contact Chiphy customer service through the retailer's platform or the

official Chipfy website. Please have your model number (RF06-002-BK(A)) and purchase date ready when contacting support.

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