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chiphy RF01-001-BK(J)

chiphy Full Spectrum LED Plant Grow Light Floor Lamp

Model: RF01-001-BK(J)

1. Introduction

Thank you for purchasing the chiphy Full Spectrum LED Plant Grow Light Floor Lamp. This product is designed to provide optimal lighting conditions for indoor plants at all growth stages, from seeding to flowering and fruiting. Its adjustable features and durable construction make it a versatile addition to any indoor gardening setup.



Image 1.1: Overview of the chiphy Full Spectrum LED Plant Grow Light Floor Lamp, highlighting its adjustable height and full spectrum capabilities.

2. Safety Information

Please read all safety instructions carefully before using the product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power adapter and cord are free from damage. Do not use if any part is damaged. Connect the lamp only to a power outlet that matches the specified voltage.
- **Overheating:** The power adapter and lamp head may become warm during extended use. This is normal. However, if the adapter or lamp head becomes excessively hot or emits unusual noises, immediately unplug the device and contact customer support.

- **Plant Distance:** To prevent plant burns and ensure optimal growth, maintain a minimum distance of 30 cm (12 inches) between the LED panel and the top of your plants.



Image 2.1: Illustration demonstrating the recommended minimum distance of 30 cm between the grow light and plants to prevent heat damage.

- **Water and Moisture:** Do not expose the lamp to water or high humidity. This product is for indoor use only.
- **Children and Pets:** Keep the lamp out of reach of children and pets. The stable steel base is designed to prevent tipping, but caution is always advised.
- **Disassembly:** Do not attempt to disassemble or modify the product. Repairs should only be performed by qualified personnel.

3. Package Contents

Verify that all components are present and undamaged before assembly.

- LED Lamp Head
- Aluminum Pole Sections (multiple, for adjustable height)
- Integrated Steel Base
- Plant Tray (optional, depending on model)
- Power Adapter
- User Manual (this document)

4. Assembly Instructions

Follow these steps to assemble your grow light floor lamp.

1. **Attach the Base:** Securely screw the lowest aluminum pole section into the integrated steel base.
2. **Connect Pole Sections:** Connect the remaining aluminum pole sections by screwing them together clockwise. You can choose to use fewer sections to achieve a shorter height.
3. **Install Plant Tray (if applicable):** If your model includes a plant tray, slide it onto the desired pole section and secure it.
4. **Attach Lamp Head:** Screw the LED lamp head onto the top pole section.
5. **Connect Power:** Plug the power adapter into the lamp's power input, then plug the adapter into a wall outlet.



Image 4.1: Various height configurations of the lamp, demonstrating adjustable pole sections for different plant sizes.

5. Operating Instructions

5.1 Power On/Off and Brightness Adjustment

The lamp features a touch control panel for easy operation.

- **Power:** Touch the power icon on the control panel to turn the light on or off.
- **Brightness:** Use the brightness control icons (e.g., '+' and '-') or slide control on the touch panel to adjust the light intensity from 1% to 100% across 10 levels.

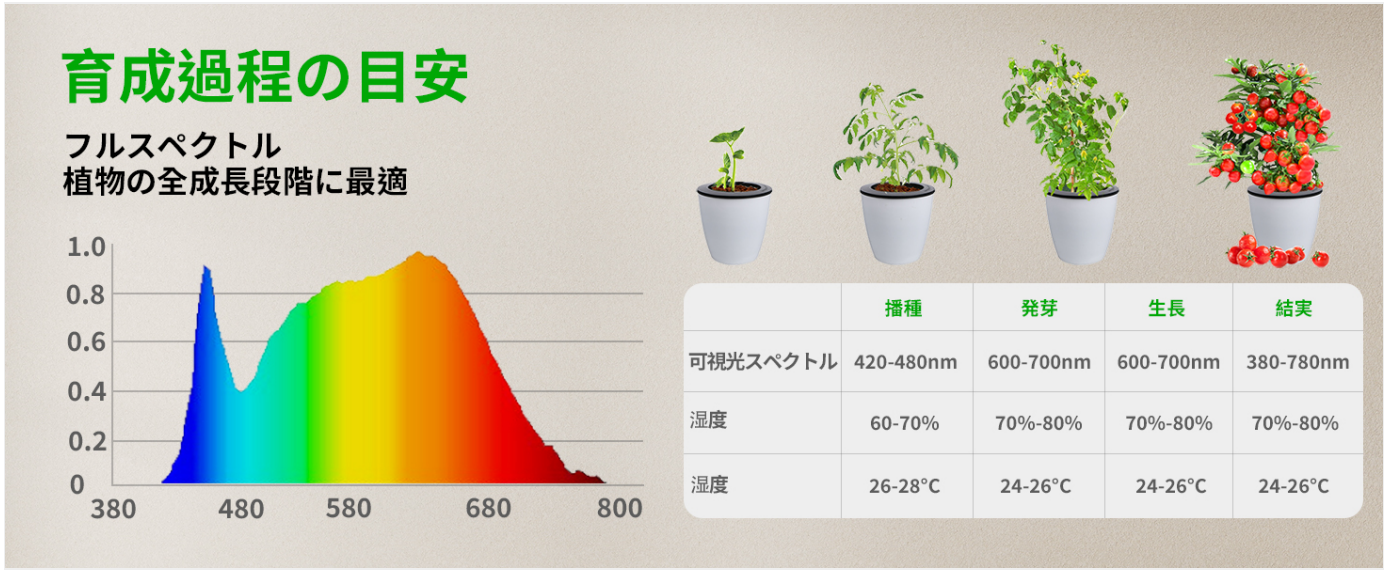


Image 5.1: Visual representation of the 10-level dimming feature, allowing brightness adjustment from 1% to 100%.

5.2 Height Adjustment

The lamp's height can be adjusted by adding or removing pole sections. Available heights are approximately 55.88 cm (22"), 99.06 cm (39"), 137.16 cm (54"), and 175.26 cm (69"). Ensure the lamp is unplugged before adjusting height.

5.3 Angle Adjustment

The LED lamp head can be adjusted up to 90 degrees to direct light precisely where needed.



Image 5.2: Diagram showing the lamp head's ability to adjust up to 90 degrees for flexible lighting direction.

5.4 Full Spectrum Light for Plant Growth

The 4000K full spectrum light mimics natural sunlight, providing the necessary wavelengths for all stages of plant development.

Image 5.3: Comparison of the lamp's 4000K full spectrum light to natural 10 AM sunlight, ideal for plant photosynthesis.



Image 5.4: Chart illustrating the optimal visible light spectrum and environmental conditions (temperature, humidity) for various plant growth stages.

5.5 Timer and Memory Functions

The lamp includes a timer function (specific intervals not detailed in product information, refer to control panel for options) and a memory function that retains your last brightness setting when the lamp is turned off and on again.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your grow light.

- **Cleaning:** Unplug the lamp before cleaning. Use a soft, dry cloth to wipe the LED panel and aluminum pole. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord and adapter for any signs of wear or damage.
- **Storage:** If storing the lamp for an extended period, disassemble it and store in a dry, cool place away from direct sunlight.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, faulty adapter.	Check power outlet, ensure all connections are secure. Try a different outlet. If issue persists, contact support.
Light flickers or dims unexpectedly.	Unstable power supply, faulty adapter, internal wiring issue.	Ensure stable power. Unplug and re-plug the adapter. If flickering continues, discontinue use and contact support.
Power adapter or lamp head gets very hot.	Normal operation heat, or potential defect.	Some warmth is normal. If it's excessively hot to touch or smells unusual, immediately unplug and contact support.
Cannot adjust brightness.	Control panel issue, internal fault.	Ensure the control panel is clean and dry. Try turning the lamp off and on again. If unresponsive, contact support.

If you experience any issues not listed above or if the suggested solutions do not resolve the problem, please contact chiphy customer support.

8. Specifications

Feature	Detail
Brand	chiphy
Model Number	RF01-001-BK(J)
Light Source Type	LED
Wattage	40 W
Color Temperature	4000 Kelvin
Color Rendering Index (CRI)	95+
Dimmable Levels	10 levels (1% - 100%)
Beam Angle	90 degrees
Adjustable Height	Up to 175 cm (69 inches)
Product Dimensions (L x W x H)	23.5 x 23.5 x 176 cm
Product Weight	4.04 kg
Material	Aluminum (LED panel, tube), Steel (base)
Power Source	Corded Electric
Special Features	10-level dimming, Touch Sensor Control, Memory Function, Timer Function, 90-degree Angle Adjustment
Lifespan	30,000 - 100,000 hours

9. Warranty and Support

This chiphy product comes with a **3-year warranty** from the date of purchase, covering manufacturing defects and material faults under normal use. The expected lifespan of the LED components is over 10 years.



Image 9.1: Product features highlighting the 3-year warranty and extended lifespan of the LED components.

For warranty claims, technical support, or any questions regarding your product, please contact chiphy customer service through the retailer where you purchased the item or visit the official chiphy website for contact information.

Please retain your proof of purchase for warranty purposes.

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