

GLOWRIUM G462pro

GLOWRIUM G462pro 24W Full Spectrum LED Grow Light User Manual

Model: G462pro | Brand: GLOWRIUM

1. INTRODUCTION

Thank you for choosing the GLOWRIUM G462pro 24W Full Spectrum LED Grow Light. This manual provides essential information for the safe and effective operation of your grow light. This product is designed to support indoor plant growth through various stages, offering adjustable light spectrums, dimming capabilities, and timer functions.

The GLOWRIUM G462pro features a full-spectrum light that mimics natural sunlight, suitable for seedling, vegetative, and flowering stages. It includes stepless dimming, multiple timer settings, and an adjustable height with a flexible gooseneck for optimal light positioning.

2. SAFETY INFORMATION

- Read all instructions before using the product.
- Keep the grow light away from water or other liquids.
- Do not disassemble or modify the product. Unauthorized modifications may result in electric shock or damage.
- Ensure the power supply matches the product's voltage requirements.
- Unplug the power cord before cleaning or when not in use for an extended period.
- Avoid direct contact with the lamp head during operation, as it may become warm.
- Place the grow light on a stable, flat surface to prevent tipping.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x GLOWRIUM G462pro LED Grow Light (Lamp Head with Gooseneck)
- 1 x Baseplate
- 4 x Pole Sections
- 1 x Power Adapter
- 1 x User Manual



Image: Lamp Head with Gooseneck



Image: Baseplate

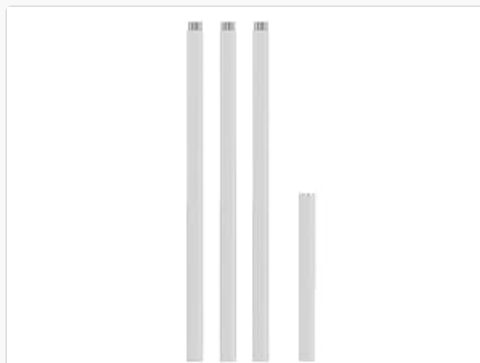


Image: Four Pole Sections



4. ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your GLOWRIUM G462pro Grow Light:

1. Attach the desired number of pole sections to the baseplate. The modular design allows for four adjustable height options.
2. Connect the lamp head with the flexible gooseneck to the top pole section.
3. Ensure all connections are secure.
4. Plug the power adapter into a suitable electrical outlet.

Adjustable Brightness Grow Light – PAR Value up to 200 $\mu\text{mol}/\text{m}^2/\text{s}$



Brightness adjustable from 10% to 100%, with a PAR output up to 200 $\mu\text{mol}/\text{m}^2/\text{s}$, making it ideal for every stage of plant growth.

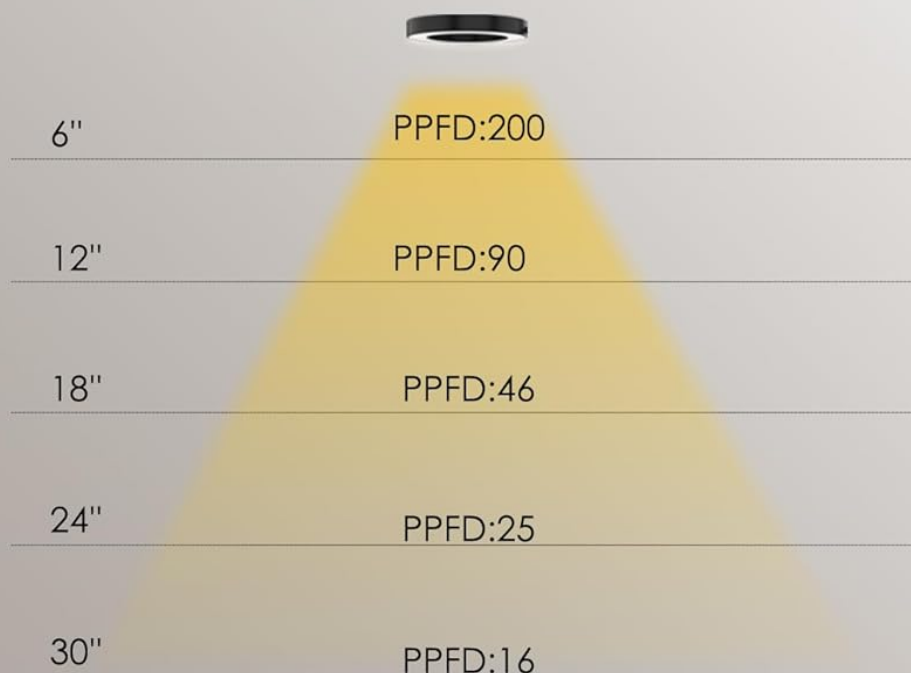


Image: Diagram illustrating the assembly of pole sections for adjustable height.

5. OPERATING INSTRUCTIONS

The GLOWRIUM G462pro is controlled via an inline controller. Familiarize yourself with its functions:

Plant Assistant Features

Precise light measurement, watering & fertilizing reminders, growth tracking, and a 1000+ plant database — all for easier, more efficient care.



MEASUREMENT
LUX SUGGESTION



WATERING REMINDER



GROWTH RECORD



MAINTENANCE RECORDS

THIS IS A
NON-SMART
PRODUCT

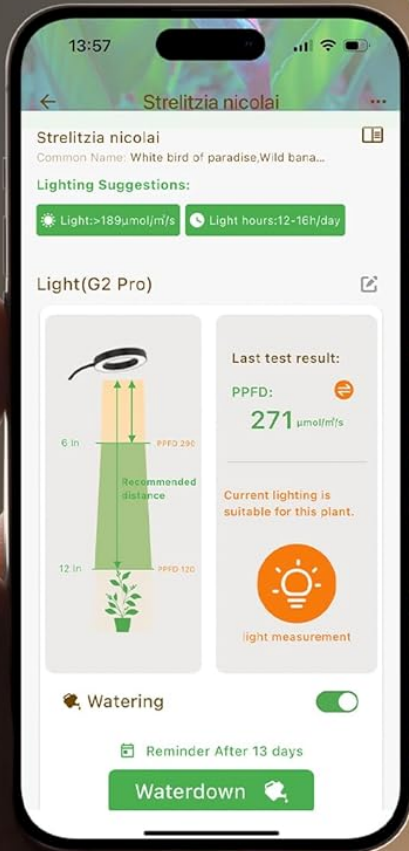


Image: Inline controller with buttons for ON/OFF, Mode, Timer, and Dimming.



Image: Detailed diagram of the inline controller, showing button labels and functions.

5.1 Power On/Off

- Press the **ON/OFF** button to turn the lamp on or off.
- Press and hold the **ON/OFF** button for 5 seconds to reset the settings.

5.2 Light Spectrum Modes

The grow light offers three adjustable light spectrum modes to support different plant growth stages:

- Press the **MODE** button to cycle through the spectrums:
 - **S (Seedling Mode)**: Gentle red and blue spectrum, ideal for seed germination and young seedlings.
 - **V (Vegetative Mode)**: Full-spectrum light with enhanced blue tones, promoting strong stems and lush foliage.
 - **F (Flowering Mode)**: Enhanced red spectrum, supporting flowering and fruiting for mature plants.

Grow Light with Timer – Auto On/Off

Features 4 timer options (3H/9H/12H/16H) for customized lighting cycles. Automatically turns on and off to support your plant's daily growth rhythm.

e.g. 6:00 Turn On



9:00 Turn Off



15:00 Turn Off



18:00 Turn Off



22:00 Turn Off

-Fiddle Leaf Fig
-Rubber Plant
-Geranium
-Amaryllis
-Spider Plant
.....

Current Status Indicator

Mode Switch Button

ON/OFF Button

Timer Button

Dimming Button

For more plant care tips, check out the GLOWRIUM APP.

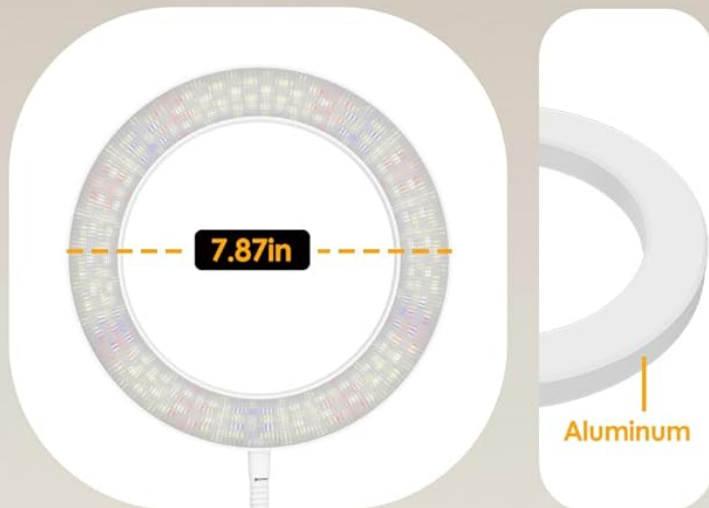
Image: Visual representation of Seedling, Vegetative, and Flowering light spectrums.

5.3 Stepless Dimming

Adjust the light intensity from 10% to 100% to suit your plants' specific needs:

- Press the **DIM** button to cycle through 6 preset brightness levels (10%, 20%, 40%, 60%, 80%, 100%).

- Press and hold the **DIM** button for stepless dimming from 10% to 100%.



Wider Coverage with Enlarged Lamp Head

Bigger lamp head ensures broader light spread, perfect for larger plants or multiple pots.

Aluminum Lamp Shade Enhances Heat Dissipation

The aluminum lampshade improves LED heat dissipation, helping to extend the lifespan of the light beads. Mild heat emission during use is normal and indicates effective thermal performance. Please take care to avoid direct contact during operation.



Heavier Base for Stability and Safety

The reinforced base is designed for added stability—please place a plant on the base to prevent tipping when the lamp is fully extended.

Durable & Sturdy Thicker Pole Design

Upgraded thicker pole resists bending and adds durability, supporting long-term use with ease.



Image: Visual guide to brightness levels and corresponding PPF values at various distances.

5.4 Timer Settings

The built-in timer allows for automatic on/off cycles:

- Press the **TIMER** button to cycle between 4 automatic lighting cycles: 3H, 9H, 12H, or 16H.
- The light will automatically turn on and off at the set intervals each day.
- Press and hold the **TIMER** button to cancel the timer function.

Adjustable Height & Flexible Gooseneck

Easily adjust the stand height and bend the gooseneck to direct light exactly where your plants need it most. Ideal for all growth stages and plant sizes.

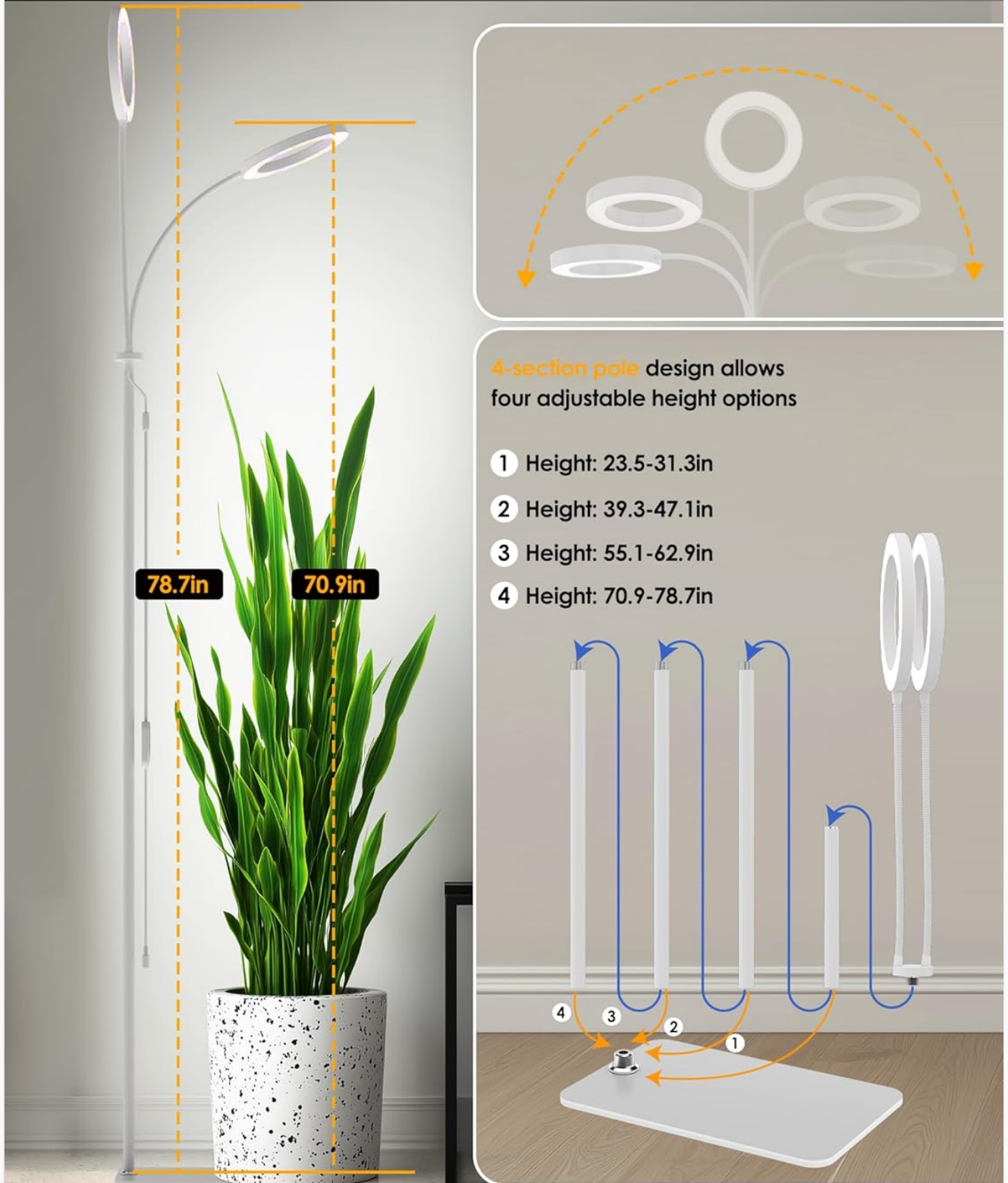


Image: Illustration of the 3-hour, 9-hour, 12-hour, and 16-hour timer options.

5.5 Adjustable Height & Gooseneck

The grow light features a 4-section pole and a 360° flexible gooseneck for precise light positioning:

- Adjust the height by adding or removing pole sections. Available heights are approximately 23.5-31.3 inches, 39.3-47.1 inches, 55.1-62.9 inches, and 70.9-78.7 inches.
- Bend the flexible gooseneck to direct light exactly where your plants need it most, ensuring broader light coverage.



Image: The GLOWRIUM grow light positioned next to a plant, showcasing its adjustable height and flexible gooseneck.

6. PLANT CARE ASSISTANT FEATURES (NON-SMART PRODUCT)

While the GLOWRIUM G462pro is a non-smart product, it is designed to assist with plant care through its versatile lighting options. The brand may offer supplementary tools or apps for light measurement, watering/fertilizer

reminders, growth records, and care recommendations. These features are external to the grow light's direct functionality.

Full Spectrum Grow Light

Switch between Seedling, Vegetative, and Flowering spectrums. Simulates natural sunlight to support healthy plant development.

- 3000K: 48pcs
- 660nm: 16pcs
- 5000K: 60pcs
- 460nm: 10pcs

134
Leds

24W
Power

1.5
 $\mu\text{mol}/\text{J}$

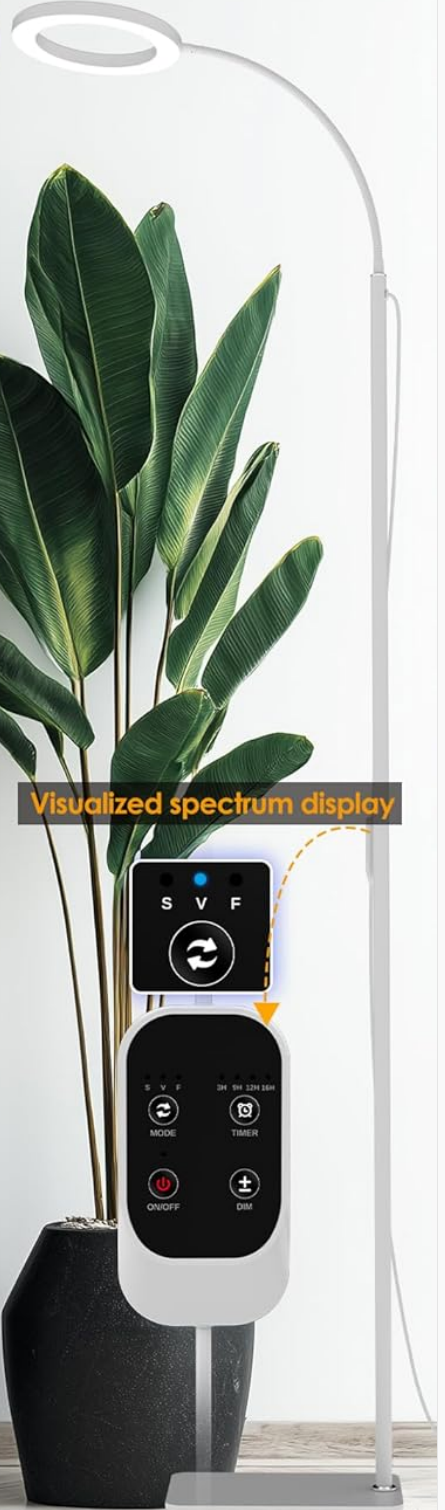
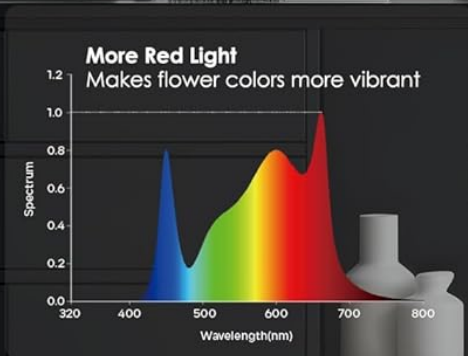
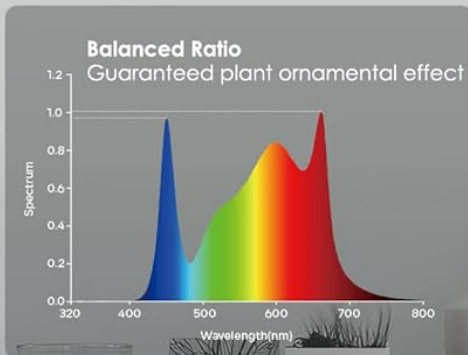
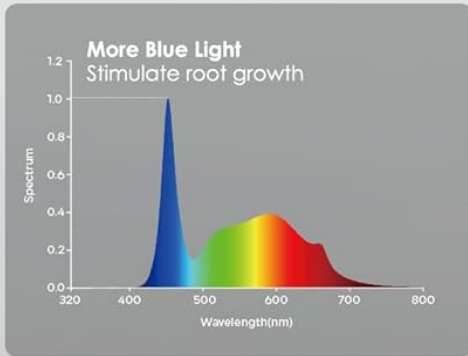


Image: Visual of plant care assistant features, clarifying that the grow light itself is a non-smart product.

7. SPECIFICATIONS

Feature	Specification
Brand	GLOWRIUM
Model Name	G462pro
Wattage	24 watts
Light Source Type	LED
Light Color	White (Full Spectrum)
Voltage	24 Volts (DC)
Product Dimensions	7.9"D x 5.9"W x 70.9"H (Adjustable)
Item Weight	5.44 pounds
Material	Aluminum
Base Material	Aluminum
Switch Type	Remote (Inline Controller)
Indoor/Outdoor Usage	Indoor
Number of Light Sources	1
Efficiency	High Efficiency (1.5 $\mu\text{mol/J}$)

8. MAINTENANCE

- **Cleaning:** Ensure the device is unplugged before cleaning. Use a soft, dry cloth to wipe the lamp head and pole. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the grow light in a cool, dry place, away from direct sunlight and moisture.
- **Heat Dissipation:** The aluminum lampshade is designed to improve LED heat dissipation. Mild heat emission during use is normal. Ensure adequate ventilation around the lamp head.

9. TROUBLESHOOTING

- **Light not turning on:**
 - Check if the power adapter is securely plugged into both the wall outlet and the grow light.
 - Ensure the wall outlet is functional.
 - Press the ON/OFF button on the inline controller.
- **Timer not working:**
 - Ensure a timer setting (3H, 9H, 12H, or 16H) is selected on the controller.
 - If the timer was previously set and then cancelled, re-select the desired timer duration.
- **Light intensity is too low/high:**
 - Use the DIM button to adjust the brightness level.

- Adjust the height of the lamp head using the pole sections and flexible gooseneck to achieve desired light coverage and intensity for your plants.

10. OFFICIAL PRODUCT VIDEO

Video: An overview of the GLOWRIUM Grow Light for Indoor Plants, demonstrating its features and usage.

11. WARRANTY AND SUPPORT

The GLOWRIUM G462pro LED Grow Light comes with a **2-Year Warranty**. For any product inquiries, technical support, or warranty claims, please contact GLOWRIUM customer service through the retailer where the product was purchased or visit the official GLOWRIUM website.



© 2025 GLOWRIUM. All rights reserved.