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› GLOWRIUM Smart Grow Light GC010 for Indoor Plants - User Manual

GLOWRIUM GC010

GLOWRIUM Smart Grow Light GC010 for Indoor Plants

User Manual

1. INTRODUCTION

The GLOWRIUM Smart Grow Light GC010 is designed to provide optimal lighting conditions for your indoor plants. This full-spectrum LED floor plant light features an auto timer, three distinct spectrum modes, six dimmable levels, and an adjustable height up to 63 inches, making it suitable for a wide range of plant sizes and growth stages. Control is made easy through a dedicated smartphone application.



Image 1.1: The GLOWRIUM Smart Grow Light GC010 illuminating an indoor plant, with the control app visible on a smartphone screen.

2. SETUP INSTRUCTIONS

Follow these steps to assemble and set up your GLOWRIUM Smart Grow Light GC010:

1. **Base Assembly:** Place the weighted base on a flat, stable surface.
2. **Pole Connection:** Connect the pole sections (A1, A2, A3) by screwing them together. Ensure each section is securely tightened.
3. **Attach Light Head:** Connect the flexible gooseneck light head to the top pole section (A3).
4. **Cable Management:** Route the power cable neatly along the pole.
5. **Power Connection:** Plug the power adapter into a standard electrical outlet.



Image 2.1: Visual guide for the quick and easy installation of the grow light.

Adjusting Height and Position

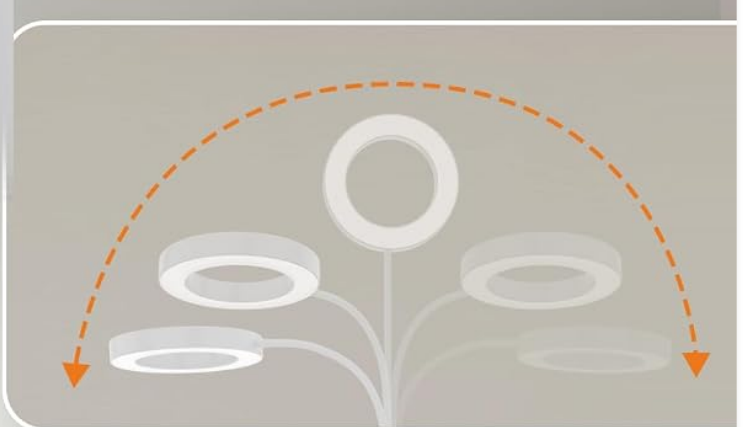
The stand height is adjustable from 32 inches (0.8m) to 63 inches (1.62m) to accommodate various plant sizes. The reinforced gooseneck allows for 360° positioning of the light head, ensuring comprehensive coverage for your plant canopy.

Adjustable Height

Easily adjust the stand height and

Flexible Gooseneck

Adjust the gooseneck to direct light exactly
where your plants need it most. Ideal for all growth stages and plant sizes.



3-section pole design allows
four adjustable height options

- 1 Height: 32-38in
- 2 Height: 47-54in
- 3 Height: 63-71in

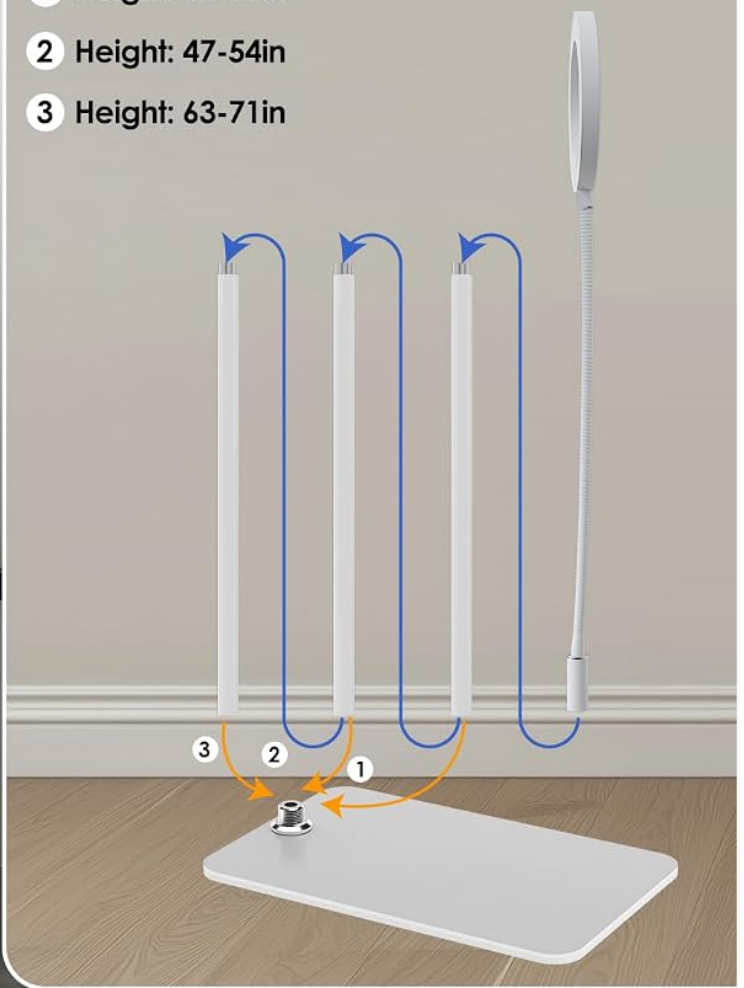


Image 2.2: The grow light's adjustable height and flexible gooseneck for precise light positioning.

3. OPERATING INSTRUCTIONS

3.1. Smart APP Control

The GLOWRIUM Smart Grow Light GC010 is primarily controlled via a Bluetooth-connected smartphone application. Download the official GLOWRIUM app from your device's app store.

- **Pairing:** Open the app and follow the on-screen instructions to pair your device with the grow light via Bluetooth.
- **Independent Control:** The app allows independent customization of settings for each light head, enabling personalized lighting plans for different plants.
- **Sun-Sync Feature:** Utilize the unique Sun-Sync feature to mimic natural sunrise and sunset transitions, which helps reduce light stress in plants.

Bluetooth APP + Manual control

Easier control, worry-free growing, and smarter plant care.



Plant Assistant



Brightness Dimming



Auto Timer



3 Spectrum Modes



Image 3.1: The GLOWRIUM app interface and physical remote for controlling the grow light.

3.2. Spectrum Modes

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

- **Seedling Mode:** Provides a soft light spectrum optimized for root development.
- **Growth Mode:** Offers a balanced spectrum for lush foliage development.
- **Bloom Mode:** Features a red-enhanced spectrum to promote flowering.

These modes utilize professional-grade 3000K warm white, 5000K daylight white, and 660nm deep red LEDs to simulate natural sunlight.

Full Spectrum Grow Light

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

■ 3000K: 16pcs ■ 660nm: 10pcs
■ 5000K: 40pcs

66
Leds

20W
Power

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

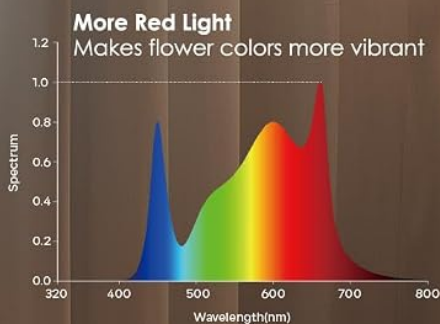
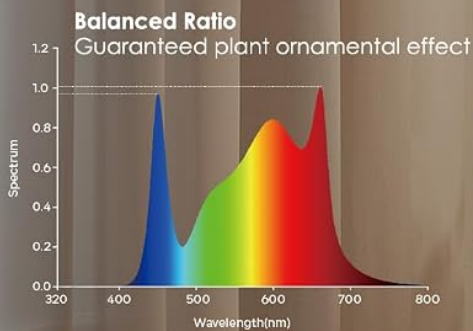
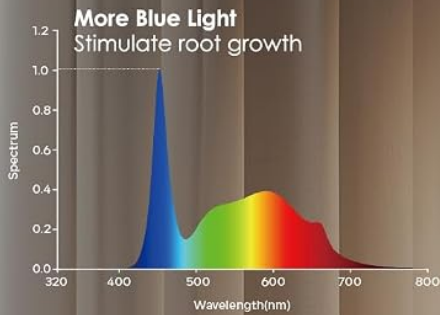


Image 3.2: Visual representation of the full spectrum grow light's three modes for different plant stages.

3.3. Dimmable Levels

The light features 6 fixed brightness levels and allows for smooth dimming from 1% to 100%. This enables precise fine-tuning of light intensity to meet the specific needs of various indoor plants.

Dimmable Brightness

Simulates natural sunlight with adjustable brightness to support all plant stages.
Precise PAR Output for All Your Plant Needs



Image 3.3: Illustration of dimmable brightness and PAR output at various distances.

3.4. Auto Timer

Set custom timers once through the app to enable automated daily lighting cycles. This ensures consistent care for your plants even when you are away.

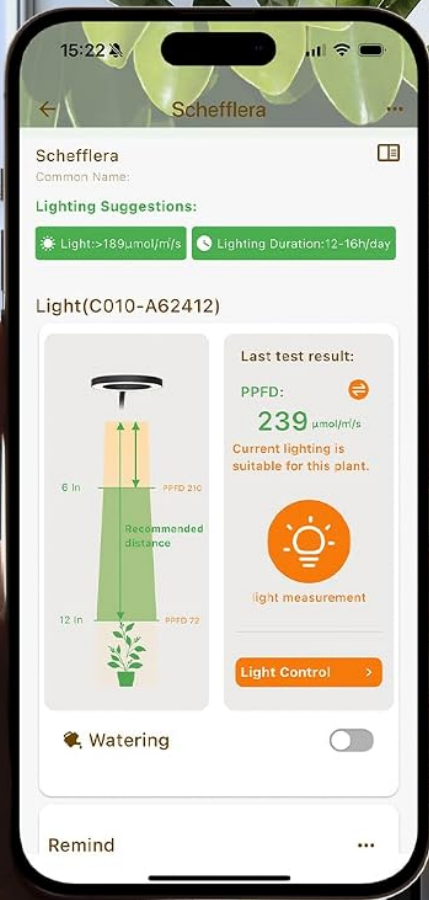
3.5. Plant Assistant Feature

The built-in Plant Assistant feature within the app includes a database of over 1,000 plant species. Select your plant type, and the app will recommend optimal lighting plans (PPFD/spectrum/duration) and smart watering reminders, simplifying plant care for all users.

Plant Assistant

Intelligent support for smarter, simpler, and more dependable plant growth.

- 1000+ PLANT DATABASE
- LUX MEASUREMENT & LIGHTING SUGGESTIONS
- WATERING REMINDER
- GROWTH RECORD
- MAINTENANCE RECORDS



The background of the advertisement shows a large Schefflera plant in a black woven pot, illuminated by a modern floor lamp. The app interface on the phone provides specific care instructions for this plant type.

Lighting Suggestions:

- Light: >189 $\mu\text{mol}/\text{m}^2/\text{s}$
- Lighting Duration: 12-16h/day

Light(C010-A62412)

Last test result:

PPFD: **239** $\mu\text{mol}/\text{m}^2/\text{s}$

Current lighting is suitable for this plant.

Recommended distance: 6 in (PPFD 210) to 12 in (PPFD 72)

Watering: ☐

Remind

4. MAINTENANCE

To ensure the longevity and optimal performance of your GLOWRIUM Smart Grow Light GC010, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the lamp head and pole with a soft, dry cloth to remove dust. Avoid using abrasive cleaners or solvents.
- **Heat Dissipation:** The lamp head is designed with full aluminum alloy for efficient heat dissipation. Ensure adequate airflow around the lamp head during operation. Avoid direct contact with the lamp head during extended use as it may be warm.
- **LED Lifespan:** The high-quality LEDs are designed for a lifespan of approximately 50,000 hours. No routine replacement of LEDs is required.
- **Stability:** Periodically check the stability of the weighted anti-tip base. Ensure it is placed on a level surface.

Professional-Grade Floor Plant Light

Full aluminum alloy lamp head:

Lightweight and durable, with powerful heat dissipation.



Optical lens system:

Optimizes light angle and intensity, making every beam more focused and efficient.

High-efficiency LED chip array:

Provides uniform full-spectrum output, precisely simulating natural sunlight.

Image 4.1: Professional-grade design elements of the grow light, including heat dissipation features.

5. TROUBLESHOOTING

If you encounter issues with your GLOWRIUM Smart Grow Light GC010, refer to the following common troubleshooting steps:

- **Light Not Turning On:**
 - Ensure the power cord is securely plugged into both the light and the electrical outlet.
 - Verify the outlet is functional by plugging in another device.
 - Check if the power button on the light or remote control is responsive.
- **App Connectivity Issues:**
 - Ensure Bluetooth is enabled on your smartphone.
 - Make sure your smartphone is within the Bluetooth range of the grow light (typically up to 32.8 ft).
 - Restart the GLOWRIUM app and attempt to reconnect.
 - If issues persist, try unpairing and re-pairing the device in the app settings.
- **Timer Not Functioning Correctly:**
 - Verify that the timer settings in the app are correctly configured and saved.
 - Ensure the app has not been closed or disconnected from the light.
 - Check for any app updates that might resolve known timer issues.
- **Light Intensity or Spectrum Not Changing:**
 - Confirm that you are selecting the desired spectrum mode or dimming level in the app.
 - Ensure the light is responsive to other commands from the app or remote.

6. SPECIFICATIONS

Feature	Specification
Model Name	GC010
Brand	GLOWRIUM
Wattage	20 Watts
Voltage	120 Volts
Light Source Type	LED
Material	Aluminum
Adjustable Height	32 to 63 inches (0.8 - 1.62 meters)
Light Colors	Warm White (3000K), Daylight White (5000K), Deep Red (660nm)
Control Method	App (Bluetooth), Push Button

LED Lifespan	50,000 hours
Product Dimensions	10.8 x 6.8 x 62.9 inches
Item Weight	4.84 pounds

7. WARRANTY INFORMATION

The GLOWRIUM Smart Grow Light GC010 is backed by an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

8. SUPPORT

For further assistance, technical support, or warranty inquiries, please refer to the contact information provided with your product packaging or visit the official GLOWRIUM website.

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