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GHodec GHODEC-5730-01White

GHodec 100W Full Spectrum Grow Light with Stand Instruction Manual

Model: GHODEC-5730-01White

INTRODUCTION

Thank you for choosing the GHodec 100W Full Spectrum Grow Light with Stand. This manual provides detailed instructions for the assembly, operation, and maintenance of your new grow light. Designed to support indoor plant growth through all stages, this light features a 5500K full spectrum, adjustable gooseneck lamps, a sturdy tripod stand, and convenient timer and dimming functions. Please read this manual thoroughly before use to ensure proper function and longevity of your product.



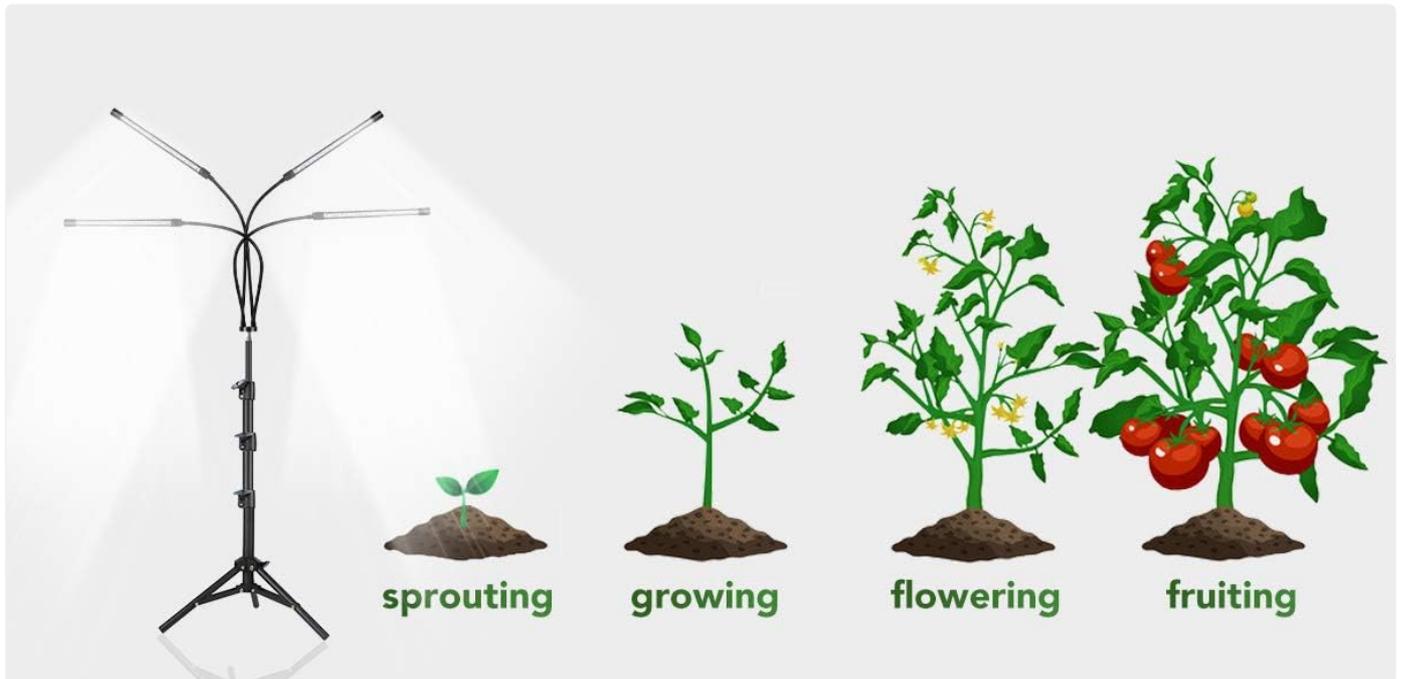
Image: The GHodec 100W Full Spectrum Grow Light with Stand, fully assembled and illuminating a collection of indoor plants, demonstrating its application in a home environment.

PRODUCT FEATURES

- **5500K Full Spectrum Lighting:** Each LED strip combines 16 white and 4 red LEDs. The white LEDs provide full spectrum light similar to natural sunlight, enhancing photosynthesis. Red LEDs (660nm) promote flowering, fruiting, and seed germination.
- **Adjustable Tripod Stand:** The sturdy tripod stand is extendable from 15 inches to 48 inches, allowing for flexible height adjustment to suit various plant sizes and growth stages.
- **Flexible Gooseneck Design:** Four independent gooseneck arms allow for 360-degree rotation and precise positioning of each light head to cover multiple plants effectively.
- **Auto On/Off Timer:** Features three timing options (4H, 8H, 12H) for automatic daily operation, eliminating the need for manual intervention.
- **5 Dimmable Brightness Levels:** Adjust light intensity from 20% to 100% to meet the specific light requirements of

different plants at various growth phases.

- **USB Powered with Adapter:** Conveniently powered via USB, includes an adapter for standard wall outlets.



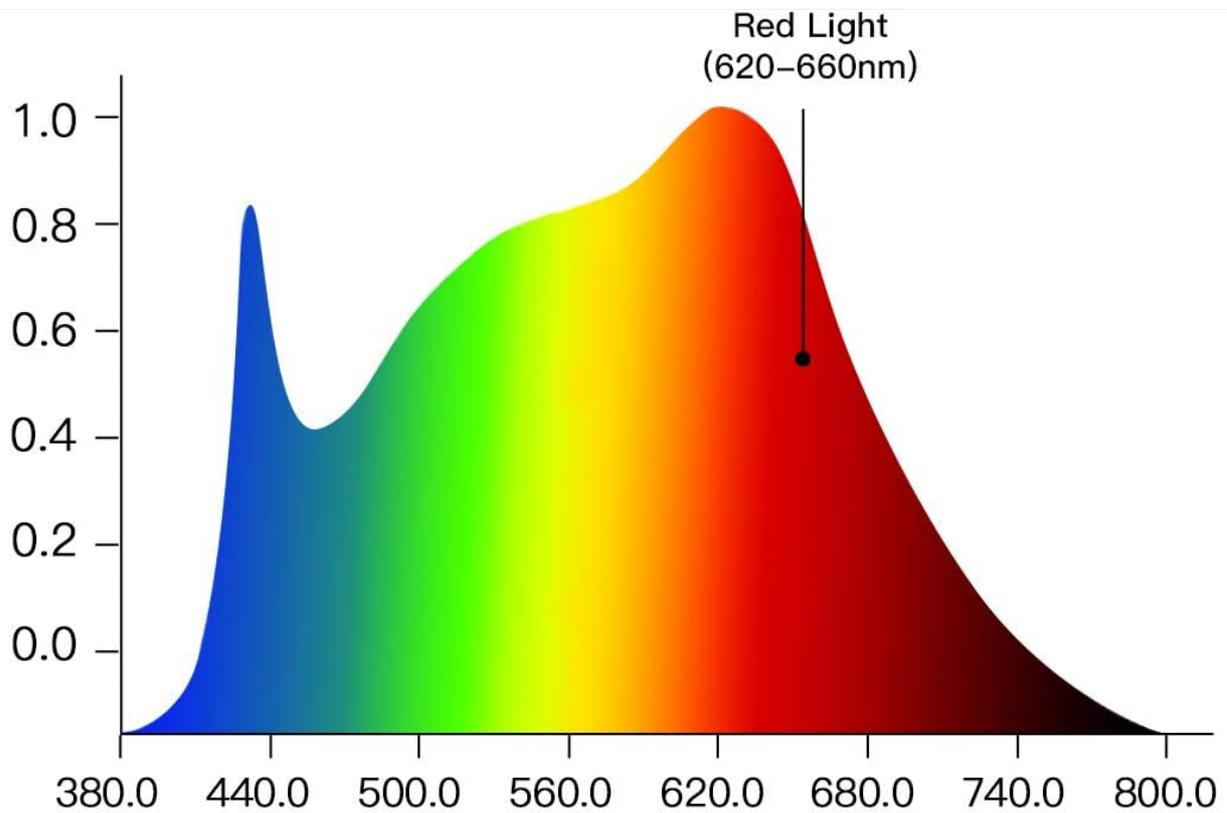
1.Red Light

660 nm is the peak wavelength for photosynthesis and photoperiodism.Red light is best for blooming and fruits.

2.Sunlight White (Full spectrum)

Daylight White increase light intensity and enhance photosynthesis,it is similar to the natural sunlight and ideal for all sorts of indoor plants at all growth stages.

Image: A visual representation of how the grow light supports plants through different life cycles: sprouting, growing, flowering, and fruiting, highlighting its full spectrum capability.



5 LEVEL BRIGHTNESS



Image: A spectral graph illustrating the light output, emphasizing the red light component (620-660nm), alongside three images showing a plant illuminated at different brightness levels, demonstrating the 5-level dimming feature.

PACKAGE CONTENTS

Please verify that all components are present in the package:

- 1 x GHodec Grow Light with 4 Flexible Gooseneck Arms and LED Strips
- 1 x Adjustable Tripod Stand
- 1 x Wired Remote Control (integrated with timer and dimming functions)
- 1 x USB Power Adapter

SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please observe the following safety guidelines:

- Do not look directly into the LED lights when they are on, as this may cause eye strain.
- Keep the grow light away from water or any wet environments. This product is not waterproof.
- Ensure the power adapter and USB connection are securely plugged in.
- Do not attempt to disassemble or modify the grow light. This will void the warranty and may cause damage or injury.
- Place the tripod stand on a stable, level surface to prevent tipping.
- Keep out of reach of children and pets.
- Unplug the power adapter from the outlet when not in use or before cleaning.

SETUP GUIDE

Follow these steps to assemble your GHodec Grow Light:

1. **Assemble the Tripod Stand:** Extend the legs of the tripod stand to a stable position. Adjust the height of the stand by loosening the locking clips on the central pole, extending it to your desired height (between 15 and 48 inches), and then securely tightening the clips.
2. **Attach the Light Head:** Carefully insert the base of the grow light (where the gooseneck arms converge) onto the top of the tripod stand. Turn the screw on the stand to firmly secure the light head in place.
3. **Position the Gooseneck Arms:** Adjust each of the four flexible gooseneck arms to direct light towards your plants. The arms can be rotated 360 degrees for optimal coverage.
4. **Connect Power:** Plug the USB connector into the provided power adapter, then plug the adapter into a standard electrical outlet.



Image: Detailed view of the grow light's components, including the adjustable tripod stand heights (15, 25, 35, 48 inches), the 360-degree flexible gooseneck, the 5.02ft USB power cable, and a close-up of the 10.43-inch LED strip containing 80 LEDs.

OPERATING INSTRUCTIONS

The GHodec Grow Light is controlled via an inline wired remote. Familiarize yourself with the buttons:

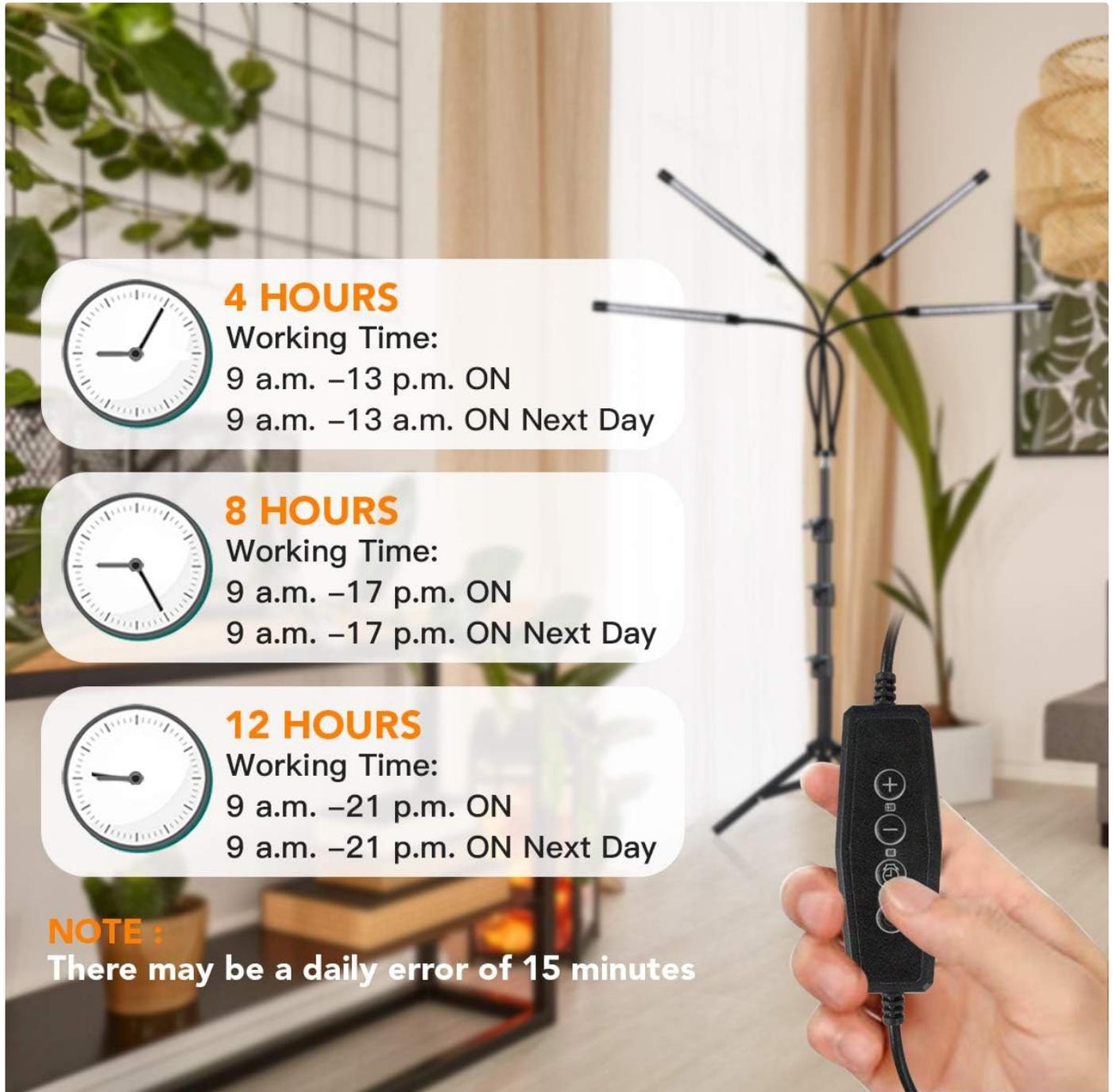
- **Power Button:** Press to turn the light ON or OFF.
- **Brightness Adjustment (+/-):** Use the '+' and '-' buttons to cycle through 5 brightness levels (20%, 40%, 60%, 80%, 100%).
- **Timer Button:** Press to set the automatic timer. Each press cycles through 4 hours, 8 hours, 12 hours, or OFF. The light will automatically turn on at the same time each day for the selected duration.

Recommended Usage:

- **Seedling/Germination:** Use lower brightness settings (20-40%) for 12-16 hours per day.
- **Vegetative Growth:** Use medium brightness settings (60-80%) for 10-14 hours per day.

- **Flowering/Fruiting:** Use higher brightness settings (80-100%) for 8-12 hours per day.

Note: There may be a daily error of approximately 15 minutes in the timer function.



4 HOURS

Working Time:

9 a.m. –13 p.m. ON

9 a.m. –13 a.m. ON Next Day



8 HOURS

Working Time:

9 a.m. –17 p.m. ON

9 a.m. –17 p.m. ON Next Day



12 HOURS

Working Time:

9 a.m. –21 p.m. ON

9 a.m. –21 p.m. ON Next Day

NOTE :

There may be a daily error of 15 minutes

Image: A close-up of the inline wired remote control, detailing the power button, brightness adjustment buttons (+ and -), and the timer button with options for 4, 8, or 12 hours of operation. Examples of working times are shown for each timer setting.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your grow light:

- **Cleaning:** Ensure the light is unplugged before cleaning. Gently wipe the LED strips and gooseneck arms with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners or abrasive materials.
- **Placement:** Periodically check the stability of the tripod stand and the positioning of the gooseneck arms. Ensure adequate air circulation around the light to prevent overheating.
- **Storage:** If storing the grow light for an extended period, unplug it, clean it thoroughly, and store it in a cool, dry place away from direct sunlight and moisture.

TROUBLESHOOTING

If you encounter issues with your GHodec Grow Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	<ul style="list-style-type: none">Power adapter not plugged in.USB cable loose.Power outlet malfunction.	<ul style="list-style-type: none">Ensure power adapter is securely plugged into the wall outlet.Check that the USB cable is firmly connected to the adapter and the light.Test the outlet with another device.
Timer function is not working correctly.	<ul style="list-style-type: none">Timer not set properly.Power interruption.	<ul style="list-style-type: none">Re-set the timer by pressing the timer button until the desired duration (4H/8H/12H) is selected.Ensure continuous power supply.
Light intensity is too low or too high.	<ul style="list-style-type: none">Incorrect brightness setting.	<ul style="list-style-type: none">Use the '+' and '-' buttons on the remote to adjust to one of the 5 brightness levels.
Tripod stand is unstable.	<ul style="list-style-type: none">Legs not fully extended or locked.Uneven surface.	<ul style="list-style-type: none">Ensure tripod legs are fully extended and locking clips are tightened.Place the stand on a flat, stable surface.

SPECIFICATIONS

Feature	Detail
Brand	GHodec
Model Name	GHODEC-5730-01White
Wattage	100 Watts
Voltage	5 Volts (DC)
Light Source Type	LED
Color Temperature	5500 Kelvin
Brightness	5000 Lumen
Color Rendering Index (CRI)	90
Product Dimensions	4.8"D x 3.62"W x 16.57"H (Light head only, excluding stand)

Feature	Detail
Adjustable Height	15 - 48 inches
Item Weight	2.94 Pounds
Material	Iron, Plastic
Control Method	Wired Remote Control (Buttons for Power, Brightness, Timer)
Timer Settings	4H / 8H / 12H (Auto On/Off)
Dimmable Levels	5 Levels (20%, 40%, 60%, 80%, 100%)
Indoor/Outdoor Usage	Indoor Only
UPC	781621159192

WARRANTY AND SUPPORT

GHodec is committed to providing high-quality products. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or inquiries regarding your GHodec Grow Light, please contact our customer service team through the retailer's platform or the official GHodec website. Our team is available to help you with any questions or concerns.

Contact Information: Please refer to your purchase platform or the GHodec brand store for the most current contact details.

