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LBW A0107

LBW Dual-Head Full Spectrum LED Grow Light (Model A0107) - User Manual

Enhancing Indoor Plant Growth

1. INTRODUCTION

Thank you for choosing the LBW Dual-Head Full Spectrum LED Grow Light. This product is designed to provide optimal lighting conditions for your indoor plants, simulating natural sunlight to promote healthy growth at all stages. Please read this manual thoroughly before use to ensure proper operation and longevity of your device.

LBW Grow Light for Large Plants



The LBW Dual-Head Full Spectrum LED Grow Light provides essential light for a variety of indoor plants, ensuring robust growth.

2. PACKAGE CONTENTS

Verify that all components listed below are included in your package:

- Grow light panels with Goosenecks (Dual-Head)
- Adapter
- Tripod Stand
- Sling (for alternative mounting)
- User Manual

| PACKAGE CONTENT |



Contents of the LBW Grow Light package, including the dual-head light, tripod, adapter, and accessories.

3. SETUP & ASSEMBLY

Follow these steps to assemble your LBW Dual-Head Full Spectrum LED Grow Light:

- 1. Open the Tripod Stand:** Carefully unfold the tripod legs to create a stable base. Adjust the height of the tripod to your desired level by loosening the clamps on the central pole, extending the sections, and then tightening the clamps securely.
- 2. Attach the Light Panel:** Screw the grow light panel assembly (with goosenecks) onto the top of the tripod stand. Ensure it is firmly attached.
- 3. Connect Power:** Plug the adapter into the power cable of the grow light, then plug the adapter into a standard electrical outlet.
- 4. Position the Lights:** Adjust the flexible goosenecks to direct the light panels towards your plants as needed.



Step-by-step assembly guide for the LBW Dual-Head Grow Light.

4. OPERATING INSTRUCTIONS

The LBW Grow Light features an intuitive controller for easy operation:

Timer Function

The built-in timer operates on a 24-hour cycle. Press the timer button to select your desired lighting duration:

- **3H:** Light stays on for 3 hours, then off for 21 hours.
- **6H:** Light stays on for 6 hours, then off for 18 hours.
- **12H:** Light stays on for 12 hours, then off for 12 hours.

The light will automatically turn on and off at the same time each day according to your setting.

Brightness Levels

Adjust the light intensity to suit different plant growth stages with six dimmable levels:

- 10%
- 20%
- 40%
- 60%
- 80%
- 100%

Switch Modes

Control which light panels are active:

- **Left Light ON:** Activates only the left light panel.
- **Right Light ON:** Activates only the right light panel.
- **Both ON:** Activates both light panels for maximum coverage.

AUTO ON/OFF TIMER FUNCTION

Turn on and off automatically everyday



- **6 Dimmable Levels**
10%-20%-40%-60%-80%-100%

- **3 Lighting Modes**
Left Light ON/Right Light ON/
Both ON

- **3 Timing Settings**
3/6/12H Operation, 24H Cycle

- **Switch ON/OFF**



3H ON
21H OFF



6H ON
18H OFF



12H ON
12H OFF

DIMMABLE FUNCTION

6 Levels Brightness



The controller allows for easy adjustment of timer, brightness, and lighting modes.



Illustrates the various dimming levels and switch modes available.

5. PRODUCT FEATURES

Superior Full Spectrum Lighting

Each light panel is equipped with 214 high-efficiency LED chips, including cold white (6000K), warm white (3500K), red (630-660nm), UV (395nm), and IR (730nm) LEDs. This combination perfectly simulates natural sunlight, providing the optimal spectrum for photosynthesis and promoting robust plant growth.

Efficient Heat Dissipation

The lamp head features a unique design with specially reserved holes in the back plate for effective heat dissipation, preventing overheating during prolonged use.

Adjustable Height & Flexible Goosenecks

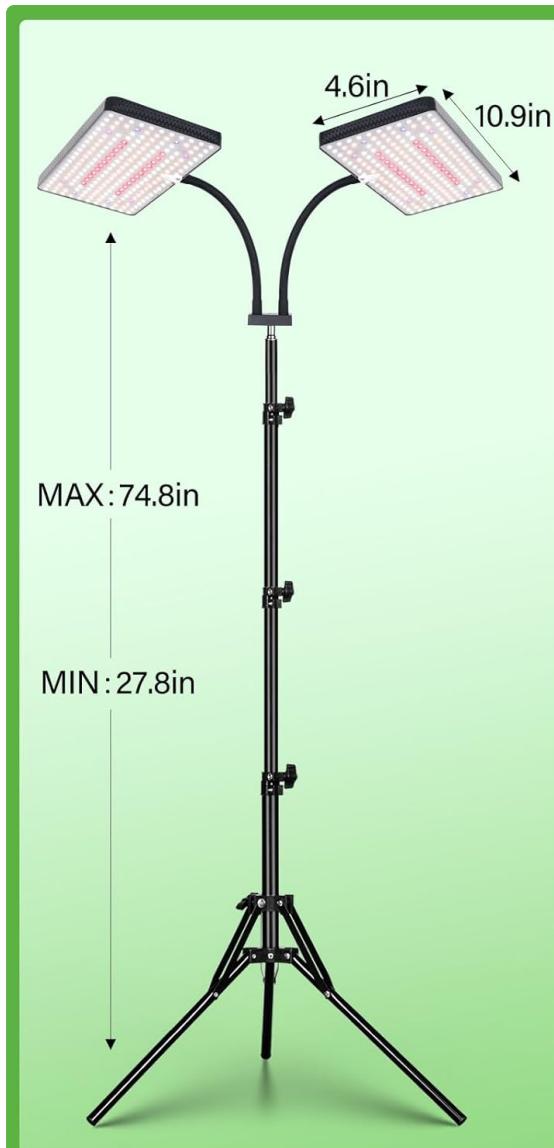
The included 1.5m tripod allows for height adjustment between 27.8 inches and 74.8 inches, accommodating plants of various sizes. The flexible goosenecks provide 360° rotatable illumination, allowing you to direct light precisely where needed.



The illustration shows a top-down view of the LED grow light fixture. The fixture is rectangular with a black frame and a white LED panel in the center. The panel is densely packed with small, glowing LED diodes arranged in a grid pattern. On the left side of the fixture, there is a yellow oval containing the text "428 LEDs". To the left of the fixture, there is a graph titled "FULL SPECTRUM GROW LIGHT" showing the light output spectrum. The x-axis represents wavelength from 380 to 680 nm, and the y-axis represents intensity from 0.0 to 1.2. The spectrum curve is broad and covers most of the visible light range, with a notable peak around 550 nm. Below the fixture, there is a green wavy background. On the left side of this background, there is a yellow square icon with a white outline and the text "248 Cold White(6000K)". Below this, the text "Promote the growing speed up to 30%." is written. On the right side of the green background, there is a pink square icon with a white outline and the text "8 UV LEDs(395nm)". Below this, the text "UV light can sterilize and disinfect, and proper amount of UV light can make plants healthier." is written. At the bottom left of the green background, there is a red square icon with a white outline and the text "116 Warm White(3500K)". Below this, the text "Make it closer to natural light." is written. At the bottom right of the green background, there is a red square icon with a white outline and the text "48 Red Chips(630-660nm)". Below this, the text "Increase photosynthesis, promoting plant growth and flowering." is written. The entire illustration is set against a white background.

- 248 Cold White(6000K)**
Promote the growing speed up to 30%.
- 116 Warm White(3500K)**
Make it closer to natural light.
- 48 Red Chips(630-660nm)**
Increase photosynthesis, promoting plant growth and flowering.
- 8 UV LEDs(395nm)**
UV light can sterilize and disinfect, and proper amount of UV light can make plants healthier.
- 8 IR LEDs(730nm)**
Speed up the phytochrome conversion, allowing plants to produce a greater yield.

Illustration of the full spectrum LED configuration for optimal plant growth.



New Patent Upgrade Design

Heat Dissipation Hole Reservation



428 LED Chips

Professional Light Source
More Brighter



Flexible Gooseneck

7.84in
360°Rotatable



Versatile Controller

Auto Timer
Dimmable Levels



Height Adjustable

From 27.8in to 74.8in



Sturdy Tripod

Stable and Non-slip

Key features including dimensions, adjustable height, and flexible goosenecks.



The grow light's height can be adjusted from 27.8 inches to 74.8 inches.

6. MAINTENANCE

- Cleaning:** Ensure the grow light is unplugged before cleaning. Gently wipe the LED panels and the stand with a soft, dry cloth to remove dust and debris. Do not use liquid cleaners or abrasive materials.
- Storage:** When not in use for extended periods, unplug the light, collapse the tripod, and store all components in a cool, dry place away from direct sunlight.
- Inspection:** Periodically check the power cord and connections for any signs of damage. If any

damage is found, discontinue use and contact customer support.

7. TROUBLESHOOTING

- **Light Not Turning On:**

- Ensure the power adapter is securely plugged into both the light and the wall outlet.
- Check if the wall outlet is functional by plugging in another device.
- Verify that the power button on the controller is pressed.

- **Timer Not Functioning Correctly:**

- Ensure you have selected one of the 3H, 6H, or 12H timer settings. The timer operates on a 24-hour cycle, so it will activate at the same time each day after initial setup.
- If the timer is interrupted (e.g., power outage), you may need to reset your desired timer duration.

- **Lights Flickering or Dim:**

- Check the brightness level setting on the controller.
- Ensure the power supply is stable and not experiencing fluctuations.

8. SPECIFICATIONS

Feature	Detail
Model Name	Dual-head Plastic Grow Light with Stand (A0107)
Light Source Type	LED
Number of Light Sources	428
Wattage	26 watts
Voltage	24 Volts
Special Feature	Dimmable, Full Spectrum
Control Method	Remote (Integrated Controller)
Timer Settings	3/6/12H (24H cycle)
Brightness Levels	6
Height Adjustable	27.8 - 74.8 inches
Material	Aluminum, Plastic
Indoor/Outdoor Usage	Indoor

Item Weight	3.61 pounds
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9. WARRANTY & SUPPORT

LBW is committed to customer satisfaction. Your LBW Grow Light comes with:

- **12 Months Warranty:** Covers manufacturing defects and malfunctions under normal use.
- **30 Days Satisfaction Guarantee:** If you are not completely satisfied, you may return the product for a full refund within 30 days of purchase.

For any questions or concerns regarding your LBW Grow Light, please contact our dedicated support team. We are always ready to assist you.