BESTVA BD48

BESTVA 48W Full Spectrum LED Grow Light Instruction Manual

Model: BD48 | Brand: BESTVA

Introduction

Thank you for choosing the BESTVA 48W Full Spectrum LED Grow Light. This manual provides essential information for the safe and efficient operation of your new grow light. Please read these instructions carefully before assembly and use, and retain them for future reference.

Packing List

Please verify that all components listed below are included in your package:

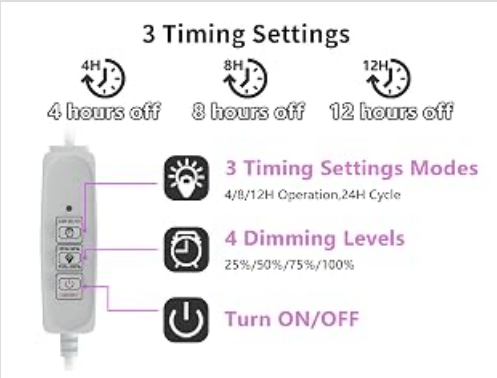


Image: A visual representation of all items included in the BESTVA 48W Grow Light package, labeled for easy identification.

1. Lamp Panel
2. Metal Base
3. Gooseneck
4. Telescopic Rod
5. Screw
6. Remote Control
7. Adapter

Setup Instructions

Follow these steps to assemble your BESTVA 48W Grow Light:

1. **Step 1: Attach the Telescopic Rod to the Metal Base**

   Insert the bottom end of the telescopic rod into the central hole of the metal base. Secure it firmly by screwing the provided screw from underneath the base. Ensure the base is stable.

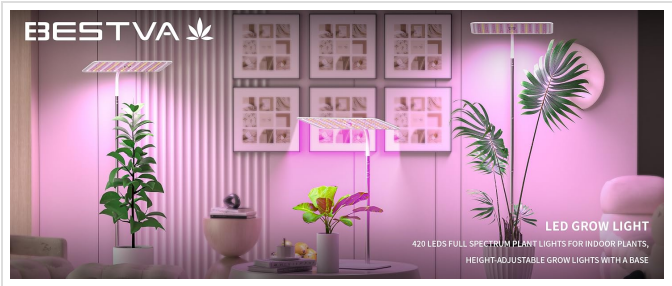


Image: Step 1 of the installation procedure, illustrating the telescopic rod being securely attached to the metal base.

2. **Step 2: Connect the Gooseneck to the Telescopic Rod**

   Carefully screw the flexible gooseneck tube onto the top threaded end of the telescopic rod until it is tight.

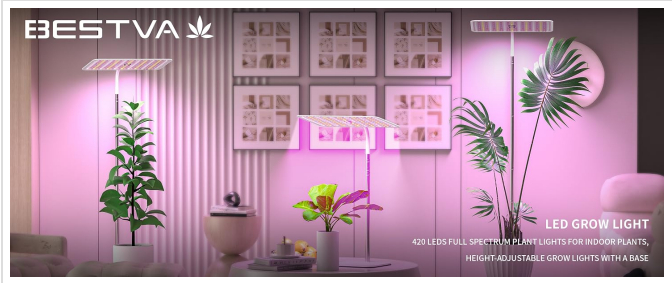


Image: Step 2 of the installation procedure, showing the gooseneck being screwed onto the telescopic rod.

3. **Step 3: Attach the Lamp Panel**

   Align the LED lamp panel with the end of the gooseneck and fix it using the provided nut. Ensure the panel is securely fastened but do not overtighten.

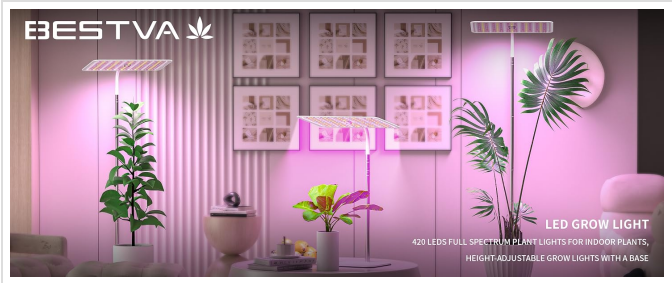


Image: Step 3 of the installation procedure, illustrating the lamp panel being attached to the gooseneck with a nut.

4. **Step 4: Connect Power and Adjust**

   Connect the cable from the lamp panel to the remote control. Then, connect the remote control to the adapter. Finally, plug the adapter into a standard electrical outlet. Adjust the height of the telescopic rod (from 12 to 59 inches) and the angle of the gooseneck (360-degree rotation) to position the light optimally over your plants.

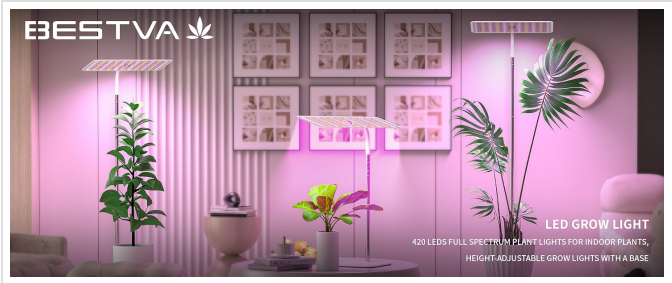


Image: Step 4 of the installation procedure, demonstrating the final power connection and adjustment of the light's position.

Operating Instructions

Remote Control Functions

The grow light is operated via an inline remote control with intuitive buttons:



Image: Multi-function remote control illustrating timer settings, dimming levels, and power button for the grow light.

- **Power On/Off:** Press the **ON/OFF** button to toggle the light on or off.
- **Timer Settings:** Use the timer button to select automatic on/off cycles for 4, 8, or 12 hours. Once set, the light will automatically turn on and off at the same time each day.
- **Brightness Adjustment:** Cycle through 4 dimming levels (25%, 50%, 75%, 100%) to provide the ideal light intensity for your plants at various growth stages.

Full Spectrum Light

The BESTVA 48W Grow Light is equipped with 420 high-efficiency LEDs, providing a full spectrum of light essential for healthy plant development:

- **Warm White (3000K) & White (5000K):** These LEDs mimic natural sunlight, supporting overall plant growth and germination.
- **Red Light:** Crucial for photosynthesis, promoting robust flowering and fruiting.
- **Blue Light:** Essential for vegetative growth and chlorophyll synthesis.

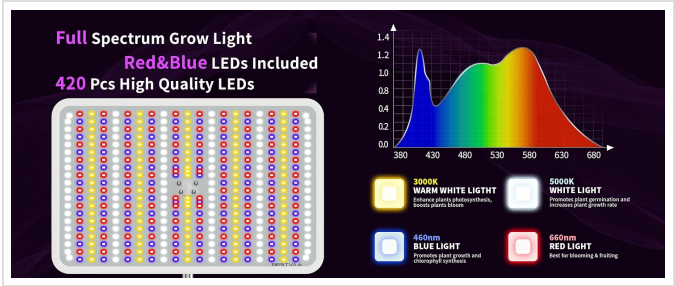


Image: A detailed diagram illustrating the distribution of Red, Blue, Warm White, and White LEDs, along with a spectrum graph.

Adjustable Stand and Gooseneck

The grow light's design allows for flexible positioning to maximize light exposure for your plants:

- **Height Adjustment:** The telescopic rod can be extended or retracted to adjust the light's height from 12 inches to 59 inches, accommodating plants of various sizes and growth stages.
- **Angle Adjustment:** The flexible gooseneck allows the lamp panel to rotate 360 degrees, enabling precise light direction to ensure all parts of your plants receive adequate illumination.

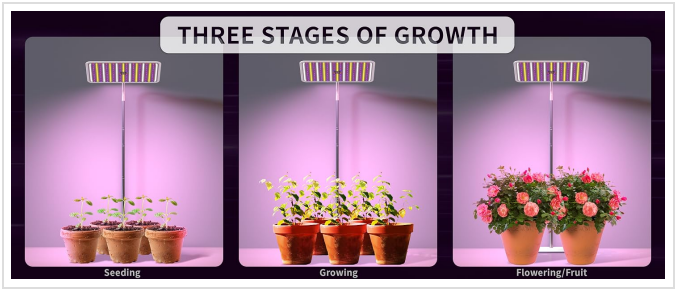


Image: A visual guide demonstrating the adjustable height range and the 360-degree rotation capability of the gooseneck.

Maintenance

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

- **Cleaning:** Always unplug the grow light before cleaning. Use a soft, dry cloth to gently wipe the LED panel and the stand. Avoid using liquid cleaners, solvents, or abrasive materials, as these can damage the components.
- **Storage:** If storing the grow light for an extended period, ensure it is clean and dry. Retract the telescopic rod to its shortest length and position the gooseneck to prevent bending or damage. Store in a cool, dry environment.

Troubleshooting

If you encounter any issues with your grow light, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Power connection issue, faulty outlet, remote control problem.	Verify the power adapter is securely plugged into both the remote control and a working electrical outlet. Try a different outlet. Ensure the remote control cable is fully inserted.
Timer not functioning as expected.	Incorrect timer setting, power interruption.	Re-set the timer by pressing the timer button to cycle through 4H, 8H, or 12H. Ensure the light is on when setting the timer. If power was interrupted, the timer may need to be reset.
Light intensity is too dim or too bright.	Brightness level incorrectly set.	Use the brightness adjustment button on the remote control to select the desired intensity (25%, 50%, 75%, or 100%).

Specifications

Feature	Detail
Brand	BESTVA
Model Name	BD48
Wattage	48 watts
Light Source Type	LED (420 LEDs: 100 Red + 100 460nm Blue + 100 3000K Warm White + 120 5000K White)
Spectrum	Full Spectrum
Height Adjustment	12" to 59"

Feature	Detail
Dimming Levels	4 (25%, 50%, 75%, 100%)
Timer Settings	4H, 8H, 12H (Auto On/Off)
Gooseneck Rotation	360 degrees
Base Material	Metal
Product Dimensions (Lamp Panel)	0.04"D x 7.5"W x 10.8"H
Item Weight	3.09 pounds
Indoor/Outdoor Usage	Indoor
Control Method	Touch (via remote)

Warranty and Support

For any warranty-related inquiries, technical support, or assistance with your BESTVA 48W Full Spectrum LED Grow Light, please contact BESTVA customer service directly through their official website or the retailer from whom you purchased the product. Please retain your purchase receipt as proof of purchase for all warranty claims.

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