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ELITUN HC150TB

ELITUN LED Grow Light User Manual

Model: HC150TB

1. Product Overview

The ELITUN LED Grow Light is designed to provide optimal lighting for indoor plants at all growth stages. Featuring 315 LED lamp beads across three heads, it delivers a full spectrum of light (380nm - 800nm) to promote photosynthesis, rooting, sprouting, flowering, and fruiting. This lamp is an efficient solution to supplement natural sunlight, ensuring healthier and faster plant growth.

Key features include an auto on/off timing function, multiple light modes, and five dimmable brightness levels, allowing for precise control over your plant's light exposure. Its flexible gooseneck design and sturdy clip provide versatile installation options.



Figure 1: ELITUN LED Grow Light with three adjustable light bars and a sturdy clip base, shown illuminating various indoor plants.



Figure 2: Overview of the ELITUN LED Grow Light's main features, including full spectrum lighting, dimmable levels, timing functions, and efficient design.

2. Setup

Follow these steps to set up your ELITUN LED Grow Light:

1. **Unpack:** Carefully remove all components from the packaging. Ensure you have the grow light unit with three light bars, the power adapter, and the controller.
2. **Placement:** Choose a suitable location for your plants. The grow light features a sturdy clip for attachment to shelves, tables, or other surfaces up to 2.5 inches thick. Ensure the surface is stable.
3. **Secure the Clip:** Attach the non-slip clip firmly to your desired surface.
4. **Adjust Light Heads:** Utilize the 360-degree adjustable goosenecks to position each of the three light bars directly over your plants. The flexible design allows for precise light direction to cover multiple plants or specific areas.
5. **Connect Power:** Plug the power adapter into the grow light's input port, then plug the adapter into a standard electrical outlet.



Figure 3: Key components for setup, showing the clip, adjustable gooseneck, power adapter, and control panel.

3. Operating Instructions

The ELITUN LED Grow Light offers versatile control options via its inline controller:

- **Power Button:** Press to turn the light on or off.
- **Brightness Adjustment (+/-):** Use the '+' and '-' buttons to cycle through 5 dimmable brightness levels (20%, 40%, 60%, 80%, 100%). Adjust brightness according to your plant's specific needs and growth stage.
- **Light Mode Selection:** The controller allows you to select different lighting modes by activating individual light bars.
  - **Single Bright:** Activates one light bar.
  - **Double Bright:** Activates two light bars.
  - **All Bright:** Activates all three light bars for maximum intensity.
- **Timing Function:** The auto on/off timer ensures your plants receive consistent light exposure. Press the timer button to select from 3, 6, or 12-hour cycles. Once set, the light will automatically turn on and off at the same time every day.
  - **3H:** 3 hours on, 21 hours off.
  - **6H:** 6 hours on, 18 hours off.
  - **12H:** 12 hours on, 12 hours off.

  Note: The timing function requires continuous power supply to maintain its cycle.



Figure 4: Controller for adjusting brightness levels.



Figure 5: Illustration of the three available light modes.



Figure 6: The timing function on the controller, allowing for automatic on/off cycles.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your ELITUN LED Grow Light:

- **Cleaning:** Periodically wipe the light bars and controller with a soft, dry cloth to remove dust and debris. Ensure the unit is unplugged before cleaning. Do not use liquid cleaners directly on the electrical components.
- **Heat Dissipation:** The grow light is constructed with an aluminum shell and a fin-shaped heat sink design for efficient heat dissipation. Ensure adequate airflow around the light bars to prevent overheating and maintain luminosity. Do not cover the light bars during operation.
- **Storage:** If storing the light for an extended period, unplug it, clean it, and store it in a cool, dry place away from direct sunlight and moisture.



Figure 7: Illustration of the efficient heat dissipation design of the light bar.

5. Troubleshooting

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

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose connection; faulty outlet.	Check if the power adapter is securely plugged into both the light and the wall outlet. Test the outlet with another device.
Timing function does not work correctly.	Power interruption; incorrect setting.	Ensure continuous power supply. Reset the timer by unplugging and replugging the unit, then setting the desired cycle again.
Light intensity is too low/high.	Incorrect brightness setting.	Use the '+' and '-' buttons on the controller to adjust to the desired brightness level.
One or more light bars are not working.	Incorrect light mode selected.	Press the light mode button on the controller to cycle through single, double, and all bright modes to ensure all desired light bars are active.

If the problem persists after trying these solutions, please contact customer support.

6. Specifications

Attribute	Detail
Brand	ELITUN
Model Number	HC150TB
Color	Warm White
Material	Aluminum
Light Source Type	LED
Light Source Wattage	150 Watts (Equivalent)
Number of Light Sources	3
Voltage	120 Volts (AC)
Product Dimensions	11.8"L x 3.15"W x 6.3"H
Item Weight	2.38 pounds
Bulb Features	Dimmable, Auto On/Off Timing, Full Spectrum, Multiple Light Modes
Mounting Type	Table Mount (Clip)
Power Source	Corded Electric
UPC	664918960711

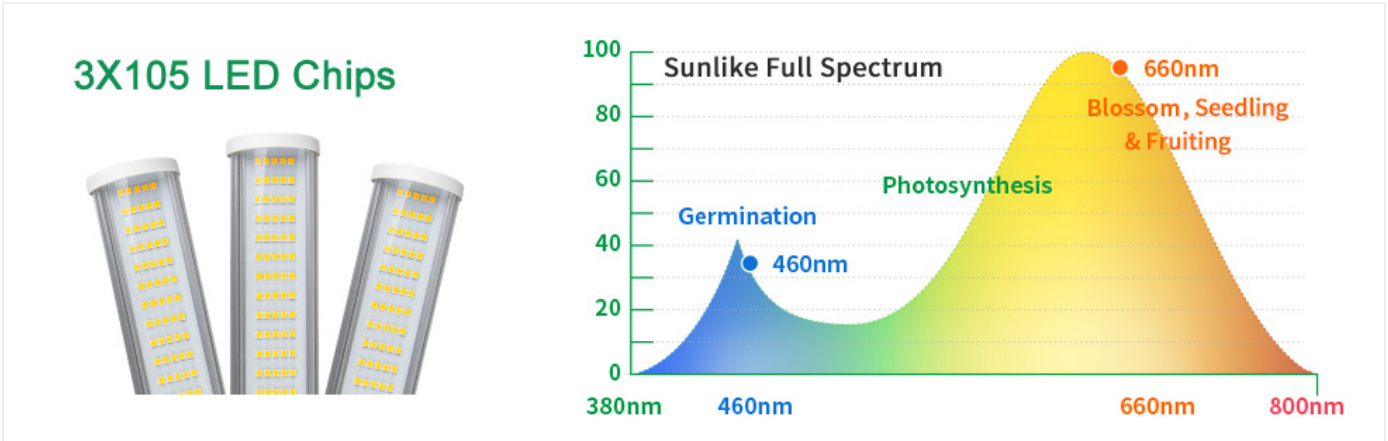


Figure 8: Full spectrum light distribution for optimal plant growth stages.

7. Warranty and Support

ELITUN stands behind the quality of its products. This LED Grow Light comes with a 30-day refund guarantee from the date of purchase.

For any questions, concerns, or technical assistance, please contact ELITUN customer support. Our after-sales support team aims to reply to inquiries within 24 hours.

Please refer to your purchase documentation or the ELITUN brand store on Amazon for specific contact details.

ELITUN Store Link: Visit the ELITUN Store

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