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› Sondiko Tall Full Spectrum Grow Lights (Model LA-DL-8010A-19) Instruction Manual

Sondiko LA-DL-8010A-19

Sondiko Tall Full Spectrum Grow Lights Instruction Manual

Model: LA-DL-8010A-19

1. PRODUCT OVERVIEW

The Sondiko Tall Full Spectrum Grow Light is designed to provide optimal lighting conditions for indoor plants at all growth stages. It features a full spectrum LED light, adjustable dimming levels, multiple lighting modes, and an automatic cycle timer for convenient operation.



Figure 1: Sondiko Tall Full Spectrum Grow Light in operation, showing its adjustable arms and illumination over multiple plants.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- LED Grow Lamp
- Instruction Manual

3. SETUP INSTRUCTIONS

Follow these steps to set up your Sondiko Grow Light:

1. Unpack all components from the box.
2. Attach the grow light unit to a stable surface using the integrated clip-on base. Ensure the surface is sturdy enough to support the light and its adjustable arms.
3. Adjust the flexible gooseneck and lamp heads to position the light over your plants. The adjustable angle lamp heads

allow for precise light direction.

4. Connect the power cord to the grow light and then plug it into a standard 5V power outlet.

Sunlight Full Spectrum Adjustable Lamp Head Grow Lamp

Adjustable Lamp Head: Direct and focus light precisely to ensure every part of your plant receives optimal coverage for balanced growth.



Figure 2: The clip-on base securely attaches the grow light to a surface, providing stability.

4. OPERATING INSTRUCTIONS

The grow light is controlled via an inline control panel on the power cord.

4.1 Power On/Off

Press the **Power Button** (U icon) to turn the light on or off.

4.2 Dimming Levels

The light offers 9 adjustable brightness levels. Use the **Dimming Buttons** (+ and - icons) to increase or decrease the light intensity according to your plants' needs.



Figure 3: Visual representation of the 9 dimmable brightness levels.

4.3 Lighting Modes

Press the **Spectrum Button (S icon)** to cycle through three distinct lighting modes:

- **Full Spectrum (White Light):** Emulates natural sunlight, suitable for all growth phases.
- **Red Spectrum (Purple Light):** Promotes flowering and fruiting.
- **Blue Spectrum (Orange Light):** Supports vegetative growth and photosynthesis.

Sunlight Full Spectrum

Suitable for all indoor plant growth

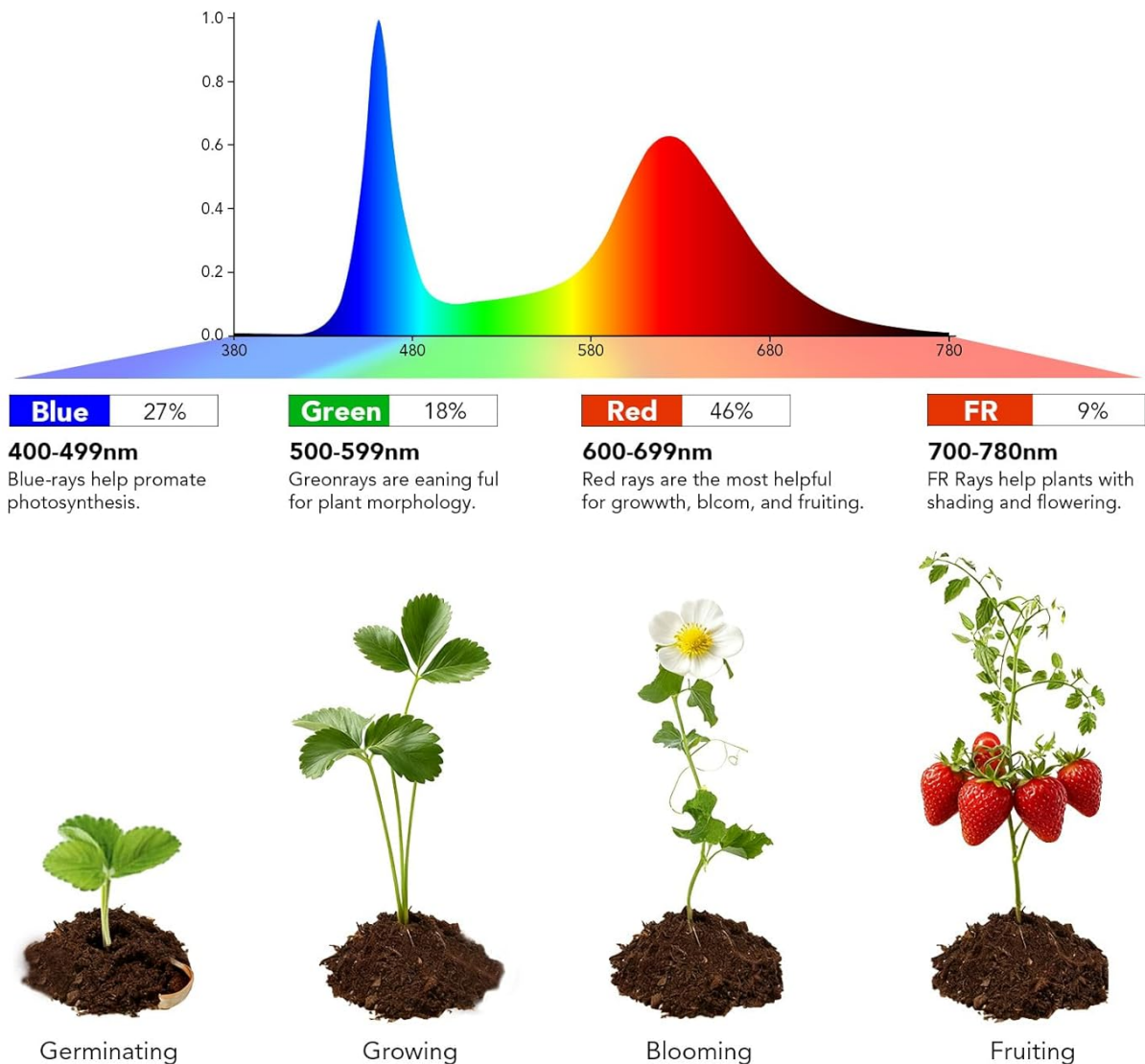


Figure 4: Full spectrum distribution with blue (400-499nm) and red (600-699nm) wavelengths highlighted for plant growth.

4.4 Automatic Cycle Timer

The grow light features an upgraded cycle timer. Press the **Timer Button** (Clock icon) to select a duration. Once set, the light will automatically turn on and off daily at the same time:

- **3 Hours:** Light on for 3 hours, off for 21 hours.
- **9 Hours:** Light on for 9 hours, off for 15 hours.
- **12 Hours:** Light on for 12 hours, off for 12 hours.



Figure 5: The control panel illustrating the 3-hour, 9-hour, and 12-hour timer settings.

5. KEY FEATURES

- **Full Spectrum Lighting:** Delivers a highly uniform light spectrum essential for healthy plant growth across all stages.
- **Adjustable Lamp Heads & Gooseneck:** Flexible gooseneck and adjustable lamp heads allow for 360-degree illumination and expanded lighting area, ensuring optimal coverage for multiple plants.
- **9 Dimmable Levels:** Provides precise control over light intensity to meet specific plant requirements.
- **3 Lighting Modes:** Offers full spectrum, red spectrum, and blue spectrum options to support different growth phases.
- **Cycle Timing Function:** Automatic timer settings (3H/9H/12H) ensure consistent light exposure without manual intervention.
- **Durable Design:** Constructed with aluminum, copper, and plastic for a 50,000-hour lifetime.

6. SPECIFICATIONS

Model Number	LA-DL-8010A-19
Color	Black
Material	Aluminum, Copper, Plastic
Light Source Type	LED
Power Source	Corded Electric
Voltage	5 Volts
Amperage	3 Amps
Mounting Type	Clip On
Color Temperature	5000 Kelvin
Number of Light Sources	2
Item Weight	1.9 Pounds
Item Dimensions (L x W x H)	6"L x 4"W x 17.5"H
Lifetime	50,000 hours

Versatile Size for Any Space

Perfectly sized for plant shelves, desks, and pots.



Figure 6: Dimensions of the Sondiko Tall Full Spectrum Grow Light.

7. MAINTENANCE

To ensure optimal performance and longevity of your grow light:

- **Cleaning:** Regularly wipe the LED panels with a soft, dry cloth to remove dust and debris. Ensure the light is unplugged before cleaning. Do not use liquid cleaners directly on the LEDs.
- **Placement:** Ensure the light is placed in a well-ventilated area to prevent overheating.
- **Cable Care:** Avoid bending or kinking the power cord excessively. Do not place heavy objects on the cord.
- **Storage:** If storing the light for an extended period, ensure it is clean, dry, and stored in a safe place away from extreme temperatures.

8. TROUBLESHOOTING

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

- **Light does not turn on:**

- Check if the power cord is securely plugged into both the light and the power outlet.
- Verify that the power outlet is functional by plugging in another device.
- Ensure the power button on the inline control panel has been pressed.

- **Timer function is not working:**

- Confirm that the timer button has been pressed to select a duration (3H, 9H, or 12H). The corresponding indicator light on the control panel should illuminate.
- Ensure the light was initially turned on at the desired start time for the cycle to begin correctly.

- **Light intensity is too low/high:**

- Use the dimming buttons (+ and -) to adjust the brightness to your preferred level.
- Adjust the height and angle of the lamp heads to optimize light coverage and intensity for your plants.

- **Light color is incorrect:**

- Press the spectrum button (**S**) to cycle through the available lighting modes (Full Spectrum, Red Spectrum, Blue Spectrum) until the desired color is achieved.

9. WARRANTY AND SUPPORT

This Sondiko Grow Light comes with a **2-year manufacturer's warranty**. For warranty claims, technical support, or any inquiries regarding your product, please contact Sondiko customer service through the retailer where the product was purchased or visit the official Sondiko website for contact information.