Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Spider Farmer Spider Farmer SE3000

Spider Farmer SE3000 LED Grow Light Instruction Manual

Model: Spider Farmer SE3000 | Brand: Spider Farmer

Important Safety Information

Please read all safety warnings and instructions carefully before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the product is connected to a grounded power outlet.
- Do not operate the light in wet or damp conditions. This product is rated as waterproof, but direct water exposure should be avoided for electrical components.
- Do not look directly at the LED lights when they are on, as this may cause eye damage.
- Keep out of reach of children.
- Disconnect power before cleaning or performing any maintenance.
- Ensure proper ventilation around the light to prevent overheating.

Product Overview

The Spider Farmer SE3000 LED Grow Light is designed for efficient and effective plant cultivation. It features Samsung LM301H EVO diodes, full spectrum lighting, and smart app control for optimal growth conditions.



Figure 1: Overview of the Spider Farmer SE3000 LED Grow Light.

Key Features:

- **Samsung LM301H EVO Diodes:** High efficiency with 3.14 µmol/J.
- **Full Spectrum Lighting:** Optimized for all growth stages (2800-3000K, 4800-5000K, 660-665nm).
- **Dimmable with Digital Display:** Precise brightness control from 0-100%.
- **Smart App Control:** Remote management, custom schedules, sunrise/sunset simulation.
- **Daisy Chain Functionality:** Control up to 50 lights from a single master unit.
- **Bar-Style Design:** Ensures uniform light distribution and deeper penetration.
- **Passive Cooling:** Aluminum frame for efficient heat dissipation.

Package Contents

Verify all components are present and undamaged upon opening the package:

- Spider Farmer SE3000 LED Grow Light fixture
- Power cord
- Hanging kit (ratchet hangers, rope hangers)
- User Manual

Setup

1. Assembly

The SE3000 grow light features a modular design for easy assembly. Attach the LED bars to the main frame using the provided clips. Ensure all connections are secure.

Your browser does not support the video tag.

Video 1: Demonstrates the assembly process for the SE3000 grow light. This video shows how to quickly and easily set up the light fixture, highlighting the modular design and secure connections.

2. Hanging the Light

Use the provided hanging kit to suspend the light securely above your plants. Adjust the height according to the growth stage and desired light intensity.



Figure 2: The Spider Farmer SE3000 LED Grow Light installed within a grow tent, demonstrating typical setup.

3. Electrical Connection

Connect the power cord to the light fixture and then to a grounded power outlet. Ensure the dimmer is set to the minimum before powering on for the first time.

Operating Instructions

1. Manual Dimming

The SE3000 features a dimmer knob with a digital display. Rotate the knob to adjust the brightness from 0% to 100%. The digital display will show the current brightness level.



Figure 3: Close-up of the digital display and dimmer knob for precise brightness control.

2. Smart App Control

Download the Spider Farmer App from the Apple App Store or Google Play. Follow the in-app instructions to connect your SE3000 light. The app allows for:

- Remote brightness adjustments.
- Custom light schedules.
- Sunrise and sunset simulation.
- Temperature overshoot protection (auto-dim/off).

Your browser does not support the video tag.

Video 2: A guide on how to use the Spider Farmer app to control your grow lights, including manual mode, time slot mode, and PPFD mode (if applicable with GGS Sensor Pro).

3. Daisy Chain Function

Up to 50 SE3000 lights can be daisy-chained and controlled by a single master light. Connect the lights using the provided RJ11 cables (not included, if applicable) to synchronize dimming and scheduling.



Figure 4: Illustration of how to daisy chain multiple SE3000 lights for synchronized control.

4. Recommended Light Settings

The following are general recommendations. Adjust based on specific plant needs and environmental conditions.

Growth Stage	Light Cycle	Hanging Distance	Dimming Level
Seedling	18H ON / 6H OFF	12" (30cm)	20% - 30%
Vegetative	18H ON / 6H OFF	12" (30cm)	50% - 60%
Flowering	12H ON / 12H OFF	12" (30cm)	90% - 100%

Table 1: Recommended light settings for different plant growth stages.

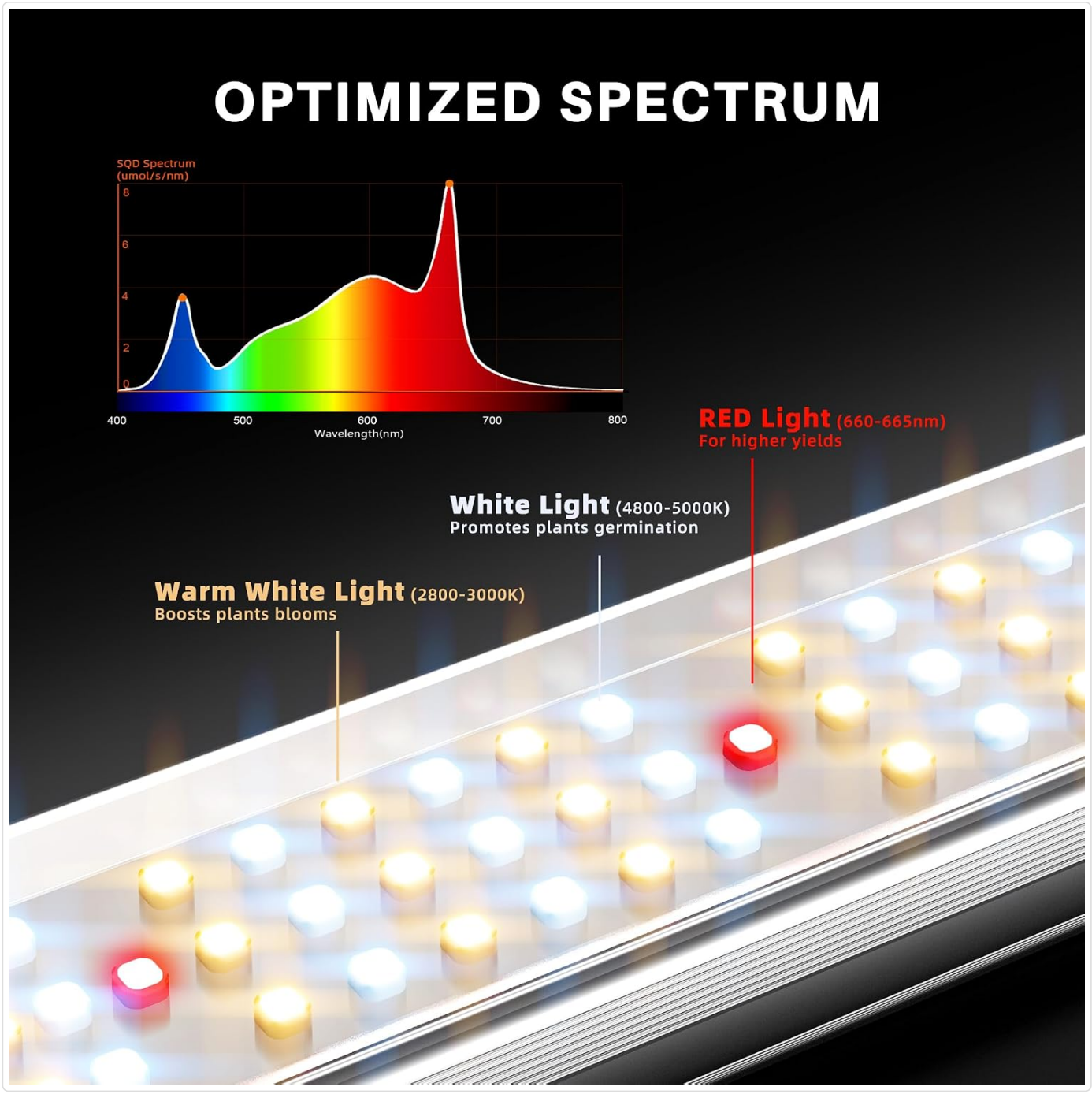


Figure 5: PPFD map for the SE3000 in a 3x3ft grow tent, showing uniform coverage and light penetration at different dimming levels and heights.

Maintenance

Regular maintenance ensures optimal performance and longevity of your grow light.

- **Cleaning:** Periodically wipe the LED bars and driver with a soft, dry cloth to remove dust and debris. Ensure the light is unplugged before cleaning.
- **Ventilation:** Ensure adequate airflow around the light to maintain proper operating temperature. The aluminum frame provides passive cooling, but good air circulation is still beneficial.
- **Cable Inspection:** Regularly check all cables and connections for any signs of wear or damage. Replace any damaged components immediately.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Light does not turn on.	No power, loose connection, dimmer set to 0%.	Check power outlet, ensure all cables are securely connected, turn dimmer knob up.
Light flickers or dims unexpectedly.	Unstable power supply, loose connection, overheating (if temperature protection is active).	Check power source, secure connections, ensure proper ventilation, check app settings for temperature protection.
App control not working.	Bluetooth/Wi-Fi issue, app not updated, light not paired.	Ensure Bluetooth/Wi-Fi is enabled, update app, re-pair the light with the app.

Table 2: Common troubleshooting steps for the SE3000 LED Grow Light.

Specifications

Feature	Detail
Model	Spider Farmer SE3000
Wattage	300W
Efficacy	3.14 µmol/J
PPF Output	826 µmol/s
Coverage Area	3x3 ft (high-yielding full-cycle growth)
Diodes	Samsung LM301H EVO
Spectrum	Full Spectrum (2800-3000K, 4800-5000K, 660-665nm)
Dimming	0-100% with digital display
Control Method	Manual knob, Spider Farmer App
Daisy Chain	Up to 50 lights
Dimensions	24.02"D x 24.02"W x 2.95"H
Weight	11.53 pounds
Voltage	120 Volts (AC)
Water Resistance Level	Waterproof

Table 3: Technical specifications of the Spider Farmer SE3000 LED Grow Light.

Warranty and Support

Spider Farmer provides a **5-year warranty** for the SE series grow lights. During this period, any problems can be repaired at authorized local repair centers (USA/Canada/UK/Germany).
For product issues or technical support, please contact Spider Farmer customer service. Refer to the official Spider Farmer website for the most up-to-date contact information and warranty details.

© 2025 Spider Farmer. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B08S6VVMZD

More documents and user manuals: **https://manuals.plus/**