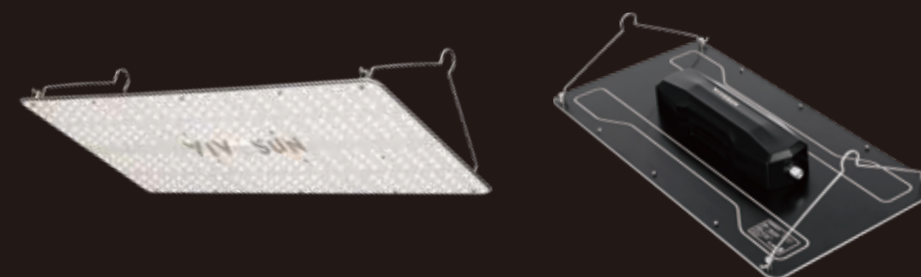


## VS2000

### LED LIGHT INSTRUCTION MANUAL



#### IMPORTANT SAFETY INFORMATION



Please read the following information carefully before operating the light. Failure to follow these safety instructions may result in serious injuries and will release VIVOSUN of all liability. It will also void all existing product warranties.

Important safety information:

Handling. Set up our light in the operating environment that allows for adequate air circulation. Never let objects into the ventilation openings.

For Indoor Use Only: The VS2000 is not waterproof; Please protect your lights from moisture. Do not expose the light to dripping water or spray. Do not expose the light to severe weather conditions or impacts. Acceptable operating temperatures range from -20°C to 40°C (-4°F to 104°F).

Power cord. Your AC cord has a three-wire grounding plug (a plug that has a grounding pin). This plug fits only a grounded AC outlet. If you're unable to insert the plug into an outlet because the outlet isn't grounded, contact a licensed electrician to replace the outlet with a properly grounded one.

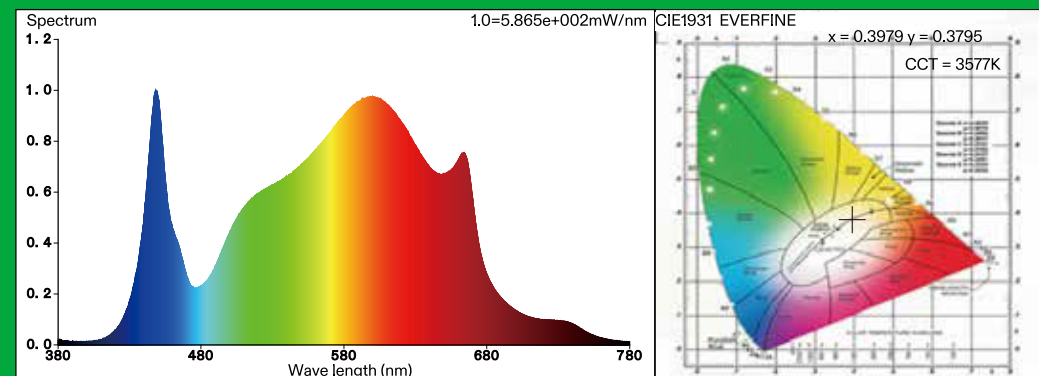
Repairs: If there is something wrong with your light, please contact us. Opening the light to inspect or repair it in accordance with VIVOSUN's instructions and express permission will not affect your existing warranty. However, if you disassemble the light or install add-ons inside without express permission from VIVOSUN, you run the risk of damaging your light in a fashion that is not covered by the limited warranty.

Cleaning: When cleaning the outside of your light and its components, first shut down your light, then unplug the power cord. Next, dampen a clean, soft, lint-free cloth and use it to wipe the light down. Avoid getting moisture in any openings.

Warning: LED lights can cause eye damage. Avoid looking directly at the lights when they are turned on. Use shielding and light-blocking glasses to protect your eyes.

## PHOTOSYNTHESIS

Output Spectrum Test Report



Spectral Distribution

CIE1931 Chromaticity Diagram

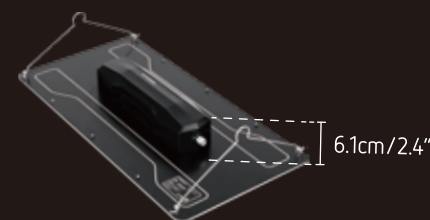
## PACKAGE INCLUDES

- 1 x 200W LED Light
- 2 x Rope Hangers
- 1 x 120V Power Cord
- 1 x Grow Room Glasses
- 2 x 1.5M Telephone Wire
- 1x RJ11 3-Way Telephone Cable Splitter

## DIMENSIONS



[ TOP VIEW ]



[ SIDE VIEW ]

## SPECIFICATIONS

Light Source	Samsung LM301D
Spectrum	Full Spectrums; 380nm-780nm, rich 660nm & 730nm
Input power	200W/100-277V
Frequency	50-60Hz
Product Dimensions	23.5"Lx11.8" Wx2.9" H 59.7cm L x30cm Wx7.4cm H
Weight	9.03lbs/4.1kg
Dimming Options	25%/50%/75%/100%/OFF/EXT
Lifetime	L90: ≥50,000 hours
Power Factor	>90%
Certifications	ETL, CE, and IP65
Warranty	3 Year Standard Warranty

## MAX AMPERAGE VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V
AMPERAGE	1.666A	0.961A	0.833A	0.722A

## APPLICATION

### SUGGESTED HANGING DISTANCE & SUGGESTED LIGHTING DURATION

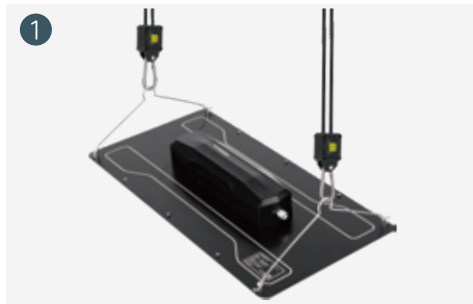
Stage	Distance		Time	Dimming
	Inch ( in )	Centimeter ( cm )		
Germination	24-30	61-76	18 Hours ON	25%-50%
Seeding	24	61	16 Hours ON	50%-75%
Veg	18-24	46-61	18 Hours ON	75%-100%
Flower	12-18	30-46	12 Hours ON	100%
Note: This suggestion is for reference only and can be freely adjusted according to the actual situation.				

Set the LED on a high brightness level and place the light further away from your plants to cover a wider area, or set the LED on a low brightness level and place the light closer to your plants for less coverage but a more eco-friendly solution.



## INSTALLATION OPTIONS

1. Secure the rope hangers on the metal hooks attached to the LED and then fix the other end of the rope hangers to the ceiling.



2. Remove the metal hooks from the LEDs. Then, slide them onto the ceiling bracket before installing them back onto the LED.



## WARRANTY TERMS

1. We offer a 3-year warranty from the date of purchase for all of our products in the case of any manufacturing defects. If you need warranty assistance, please contact us as soon as possible.

2. The warranty does not cover damage due to high moisture levels, water damage, power surges, improper hanging/mounting, improper use, dust build-up, or unauthorized modifications.

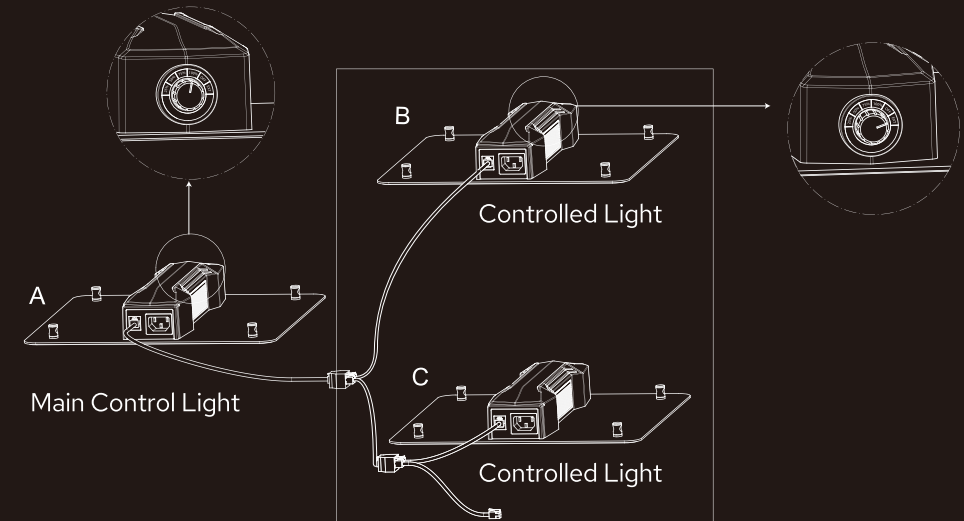
3. In the USA, if any lights stop working within 30 days, you can choose:

(A) **Replacement:** We will email you a pre-paid return label. Please ship the light back to our USA warranty center, and a replacement will be sent to you for free as soon as we receive the defective light.

(B) **Refund:** We will email you a pre-paid return label. Please ship the light back to our USA warranty center and you will get your money back as soon as we receive the defective light.

4. Our company reserves the right to the final explanation of this warranty structure. If you have any questions about our warranty policy, please contact us.

## OPERATING IN A SERIES



1. Use the provided network cable and splitter to connect multiple lights, as shown in the figure (the maximum number of lights connected in a series should not exceed 20).

2. Select one light as the main control light; the others will serve as the controlled lights. For example, "A" may be the main control light, and "B" and "C" should serve as the controlled lights. When "A" controls "B" and "C", the controls of "B" and "C" need to be set to the "EXT" position.

3. In the above example, "A's" dimmer switch would control the brightness of "A", "B", and "C" at the same time. All five settings – namely: 25%, 50%, 75%, 100%, and OFF – are supported as needed.

## NOTES ON SERIES CONNECTIONS

1. Regardless of how many lights are connected in a series, only one light may serve as the main control light. The others are controlled by the main control light.

2. All the controlled lights must be adjusted to the "EXT" position and controlled by the main control light. If not, the series will not function normally (some lights may not work).

3. Please make sure that all the lights connected to this series circuit are in proper working condition. If there are any lights that do not work, please promptly remove them from the series circuit to avoid interfering with other lights that work normally.

4. If you need to connect a timer, the total power of all lights in the series should not exceed the rated power of the timer.