

VIVOSUN



VS LED Light USER MANUAL

Love what you grow™

Welcome to **VIVOSUN**

At Vivosun, quality craftsmanship and innovation are at the core of every product we create. Should you require further support or wish to share any suggestions, please don't hesitate to contact us.

PRODUCTS INCLUDED IN THIS MANUAL:

Product	Model	SKU
VS1000 LED 100W	VS1000	LED-100NJ
VS1000X2 LED 100W	VS1000X2	LED-100X2NJ
VS1500 LED 150W	VS1500	LED-150
VS2000 LED 200W	VS2000	LED-200J
VS3000 LED 300W	VS3000	LED-300
VS4000 LED 400W	VS4000	LED-400J
VS1000E LED 100W	VS1000E	VS1000E
VS1000EX2 LED 100W	VS1000EX2	VS1000EX2

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SAFETY INFORMATION



Please read the following information carefully before using. Failure to observe these safety instructions may result in serious injury and will release VIVOSUN of all liability and void all product warranties.

Handling: Set up the light in an operating environment that allows for adequate air circulation. Never allow objects to obstruct or enter the ventilation openings. Avoid looking directly at the lights when they are turned on. Use glasses to protect your eyes.

For Indoor use Only: DDO NOT use this product outdoors or in any hazardous location such as near flammable, explosive, corrosive chemicals, or in wet environments. Appropriate temperature range: -20 °C to 40 °C (-4 °F to 104 °F).

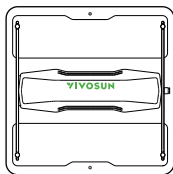
Power Cord: Your AC cord has a three-wire grounding plug (a plug that has a grounding pin). This plug fits only a grounded AC outlet. If you're unable to insert the plug into an outlet because the outlet isn't grounded, contact a licensed electrician to replace the outlet with a properly grounded one.

Repairs: If there is something wrong with your light, please contact us. Opening the light to inspect or repair 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 may damage the light and void the warranty.

Cleaning: DO NOT use water or any detergent to clean this product.

PRODUCT CONTENTS

VS1000/VS1500/VS2000/VS3000/VS4000/VS1000X2



LED Light
x 1pc



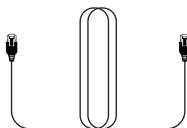
Rope Hanger
x 2pcs



RJ11 3-Way
Cable Splitter
x 1pc



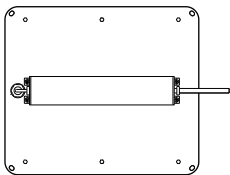
Power Cord
x 1pc



RJ11 Network Cable
x 2pcs

PRODUCT CONTENTS

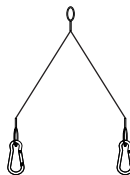
VS1000E



LED Light
x 1pc

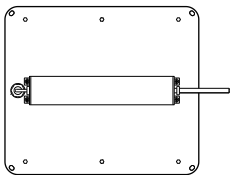


Rope Hanger
x 2pcs



Wire Ropes
x 2pcs

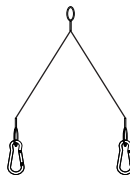
VS1000EX2



LED Light
x 2pcs



Rope Hanger
x 4pcs



Wire Ropes
x 4pcs

KEY FEATURES

SAMSUNG LED DIODES

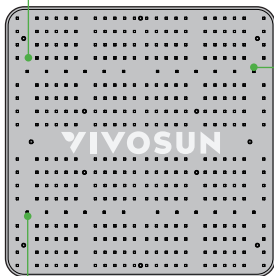
Powered by Samsung's high-efficiency horticulture diodes, emitting the perfect spectral output for plant growth.

HIGH EFFICACY

Engineered with premium diodes and a robust power supply, this light delivers exceptional PPE of up to 2.7 $\mu\text{mol/J}$.

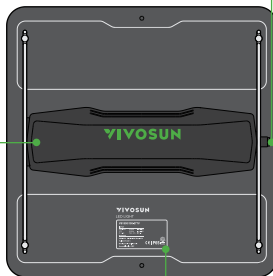
DIMMABLE LED DRIVER

0-100% light dimming for different growth stages (except VS1000E).



FULL SPECTRUM & FR

380-780nm of full spectrum coverage with 450nm, 660nm and 730nm for photosynthesis.



DAISY CHAINING

Control up to 20 lights with RJ11 serial connection.

CERTIFICATION

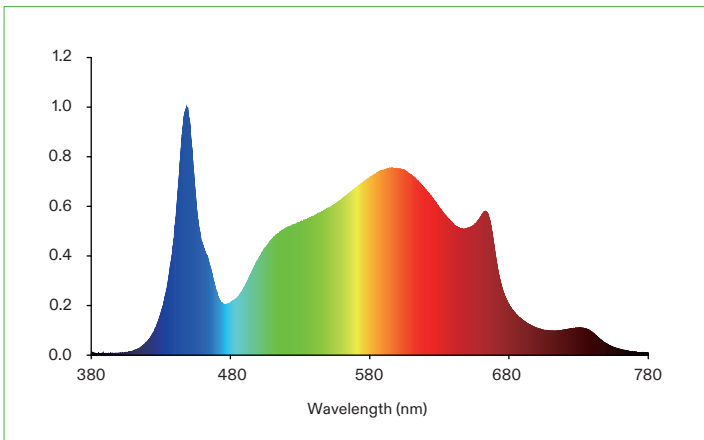
ETL, CE, FCC and IP65.

SPECIFICATIONS

	VS1000	VS1500	VS2000	VS3000	VS4000	VS1000E
LED Source	Samsung LM301D					Samsung LM281B+ pro
Spectrum	Full Spectrum: 380 – 780nm; rich 660nm and 730nm					
Input Voltage	120-277V					
Frequency	50-60Hz					
Power Factor	>0.9					
Input Power	100W	150W	200W	300W	400W	100W
Dimensions(L)	11.8"/30cm	14.2"/36cm	23.5"/60cm	19.7"/50cm	23.5"/60cm	11.8"/30cm
Dimensions(W)	11.8"/30cm	14.2"/36cm	11.8"/30cm	19.7"/50cm	23.5"/60cm	10.2"/26cm
Dimensions(H)	2.36"/6cm	2.95"/7.5cm	2.95"/7.5cm	3.23"/8.2cm	3.23"/8.2cm	1.69"/4.3cm
Weight	3.22 lbs. /1.46kg	5.42 lbs. /2.46kg	9.03 lbs. /4.1kg	10.93 lbs. /4.96kg	17.46 lbs. /7.92kg	2.98 lbs. /1.35kg
Dimming	25%/50%/75%/100%/OFF/EXT					N/A
Lifespan	L90>50,000 hours					
Certifications	ETL, CE, FCC, and IP65					
Warranty	5-Year Standard Warranty					

SPECIFICATIONS

SPECTRUM



APPLICATION

SUGGESTED HANGING DISTANCE & LIGHTING TIME

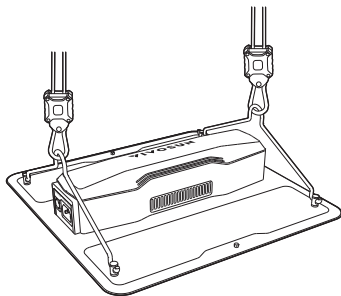
Stage	Distance		Time
	Inch (In.)	Centimeter (cm.)	
Germination	24-30	61-76	18 Hours ON
Seeding	24-30	61-76	16 Hours ON
Veg	18-24	46-61	18 Hours ON
Flower	12-18	30-46	12 Hours ON

Set the LED power on high and place the light further away from your plants to cover a wider area, or set the LED at a lower power and place the light closer to your plants for less coverage but higher energy efficiency.

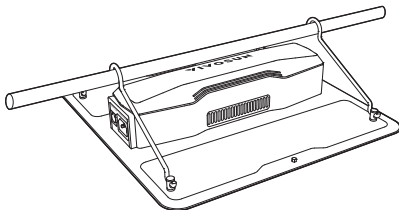
INSTALLATION

INSTALLATION OPTIONS (VS1000/VS1500/VS2000/VS3000/VS4000/VS1000X2)

1. Pass the rope hangers through the LED's hooks, and then fix the other end of the rope hangers to the ceiling.



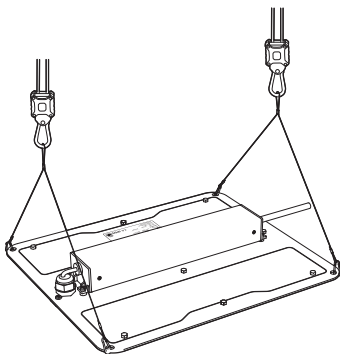
2. Remove the hooks from the LEDs, then fit them onto the ceiling bracket before installing them back onto the LED.



INSTALLATION

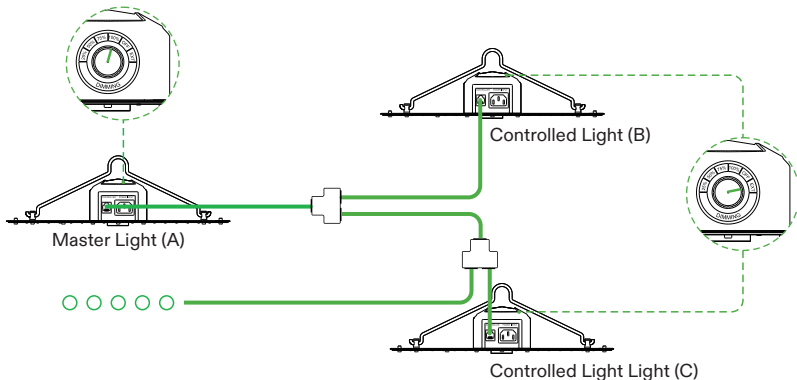
INSTALLATION OPTIONS (VS1000E/VS1000EX2)

1. Pass the rope hangers through the LED's hooks, and then fix the other end of the rope hangers to the ceiling.



INSTALLATION

DAISY CHAININ



Choose a light as the Master Light (A) and use the RJ11 cables and cable splitter to connect other lights (B, C) as the Controlled Lights as shown above. Turn the dimming knob to "EXT" on the Controlled Light (B, C) to allow them to be controlled by the Master Light (A). A Master Light can control up to 20 lights.

Note: Ensure all the controlled lights are turned to "EXT" and functioning normally. If connected to a timer, ensure the total power of all the lights (including the master light and controlled lights) conform to the rated power of the timer.

VS1000E does not support daisy chaining.

WARRANTY INFORMATION

VIVOSUN provides a 5-year warranty against defects on all VS LED Lights purchased directly from us or through our authorized dealers. This policy serves as our commitment to promptly address any manufacturing defects or premature breakage that may occur during normal use of our products.

Our warranty covers the replacement or refund of purchases that exhibit material defects within five years of the original purchase date. In such events, customers may contact us to initiate the claim process. We will need proof of purchase to verify coverage eligibility.

This policy does not extend to products that have been misused, abused, or purposefully damaged. It also does not cover normal wear and tear or cosmetic defects such as minor scratches.

Customers can rest assured knowing that our products undergo rigorous quality testing procedures. This 5-year warranty reflects our confidence in the durability of our products under normal use.

If any product defects are found, customers are encouraged to contact us immediately. Your satisfaction is our priority, and we are committed to resolving any issues in a professional and timely manner.

Designed by **VIVOSUN** in California.
Made in China