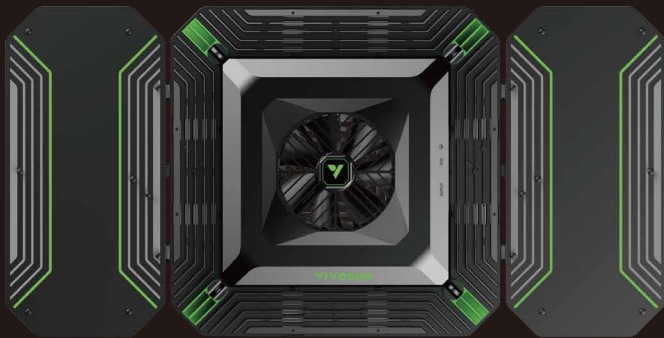


VIVOSUN



AeroLight Wing

USER MANUAL

Love what you grow™

Welcome to **VIVOSUN**

Thank you for choosing VIVOSUN. We are committed to product quality and friendly customer service. If you have any questions or suggestions, please don't hesitate to contact us.

PRODUCTS INCLUDED IN THIS MANUAL:

Product	SKU
AeroLight Wing 200W	VSAW200

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SAFETY INFORMATION



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

IMPORTANT SAFETY INFORMATION:

Handling: Set up the AeroLight in an operating environment that allows for adequate air circulation. Never allow objects to obstruct or enter the ventilation openings.

For Indoor Use Only: Protect your lights from moisture. Do not expose to dripping water or spray. Do not expose the lights to physical harm such as impacts or severe weather conditions. 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.

SAFETY INFORMATION

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 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. Then dampen a clean, soft, lint-free cloth to wipe the light down. Avoid allowing any moisture in any openings. DO NOT use water or any detergent to clean this product.

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

Warning: DO NOT put things into fan blades.

Warning: DO NOT cover the fan. DO NOT spray on the fan.

Warning: DO NOT put fingers or objects into the gaps between the light boards.

Warning: DO NOT touch the LED diodes when adjusting the light board. DO NOT adjust the angle of the light boards over their limitations.

KEY FEATURES

2-IN-1 GROW LIGHT

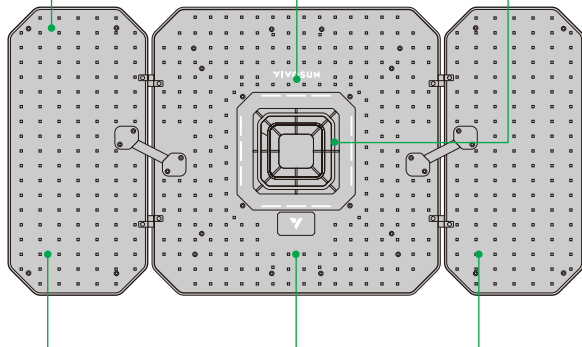
Patented grow light design with integrated highly reliable circulation fan.

BETTER CIRCULATION

With the central placement of the fan you have better air, CO₂ circulation, and humidity.

UNIFORM LIGHT & AIR

Creative hollow light design and wind guide provide uniform light and wind on plants' canopy.



SMART CONTROL

Smart settings for LEDs and fan like sunrise/sunset and natural wind via the GrowHub Controller.

TUNABLE SPECTRUM

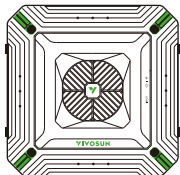
Tunable spectrum for SEEDLING, VEG and FLOWER without power loss; Samsung 301B with UV, FR.

FOLDABLE

Foldable design with 2 angle-adjustable wings provides various light distributions.

PRODUCT CONTENTS

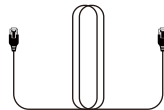
VSA200W



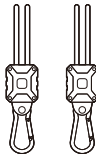
200W LED Light
x 1pc



Power Cord
x 1pc



RJ45 Network Cable
x 1pc



Rope Hanger
x 2pcs



Hook
x 2pcs

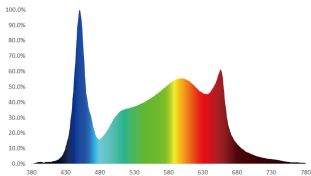
SMART GROW SYSTEM

The VIVOSUN Smart Grow System is a fully automatic grow system empowering growers by making growing easier and more convenient. The system includes the VIVOSUN GrowHub Controller, the VIVOSUN App, the AeroLight, the VS Grow Light series, the AeroZesh, the AeroWave E6 circulation fan, and a number of forthcoming smart devices. The Vivosun SGS provides automatic equipment and climate control, remote monitoring, personalized recipes, all with an intuitive UI, that helps everyone grow what they love.



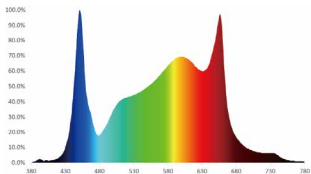
SPECTRUM

The AeroLight Wing is spectrum-tunable and provides 3 spectral ranges for different growth stages (programmed via the GrowHub).



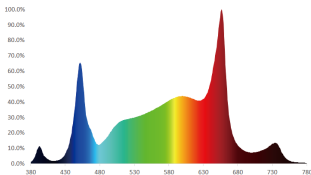
SEEDLING SPECTRUM:

More blue light promotes rooting and prevents overstretching.



VEG SPECTRUM:

Balanced spectrum for leaves growing.



FLOWER SPECTRUM:

Rich in 660nm red and 730nm far-red light promote budding & flowering; UV enhanced for better quality.

SPECIFICATIONS

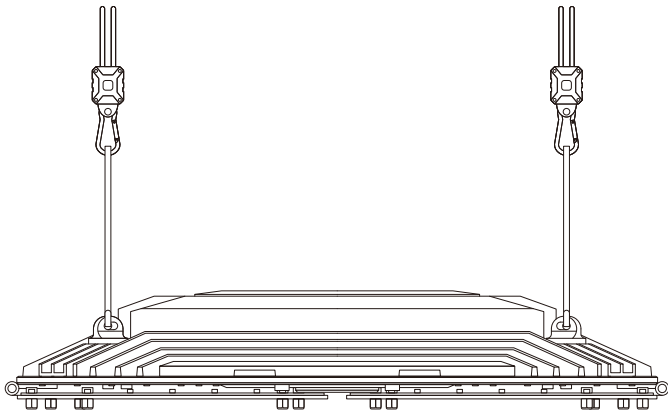
	VSAW200
LED Source	Samsung 301B,660nm Deep Red, 730nm Far Red, 395nm UVA
Spectrum	Full spectrum; 380nm-780nm, rich 660nm with FR and UVA Spectrum tunable (Via GrowHub and VIVOSUN app)
Input Voltage	120-240Vac
Frequency	50-60Hz
Power Factor	>0.9
Input Power	200W
Dimensions	26"L x 13"W x 2.1"H 66cm x 33cm x 5.3cm
Weight	8.7 lb./3.95 kg
Light Distribution	Adjustable
Dimming	20%-100%/OFF (via GrowHub and VIVOSUN app)
Multiple Lights Connection	Daisy-chain up to 12 Lights (via GrowHub)
Lifetime	>50,000 hours
Certifications	ETL, CE, FCC
Warranty	3-Year Standard Warranty

SPECIFICATIONS (BUILT-IN FAN)

Bearing	Dual Ball Bearing
Rated Voltage	12 VDC
Current	0.15A±10%
Power	1.8W±10%
Speed	2200 RPM. (REF.)
Speed Adjustment	0-100% (via GrowHub and VIVOSUN app)
Air Flow	84 CFM
Acoustical Noise	33 dB-A
Certifications	ETL & FCC & CE
Warranty	3-Year Standard Warranty

INSTALLATION

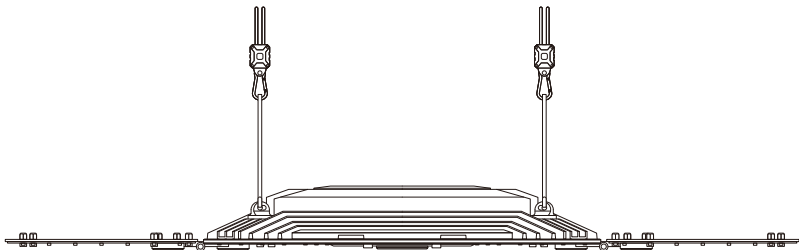
1. Attach the wire hangers to the frame of the AeroLight Wing. Next, clip the carabiners of the rope hangers to the wire hangers. Wrap the opposite end of the rope hangers around a crossbar and clip the carabiner to its respective rope.



INSTALLATION

2. Unfold the light board and adjust to an appropriate angles. Adjust the height of your grow light by lifting the rope or pressing the buttons on the rope hangers until the light reach an correct height.

Note: Be careful and do not touch the LED diodes when unfold the light board. DO NOT adjust the angle of the light board over its limitation.



INSTALLATION

ADJUSTING THE LIGHT DISTRIBUTION

Adjust the angle of the light board on the side to change the light distribution for larger coverage or higher light intensity for different grow stages.



STANDARD

Standard light coverage and uniformity.

WIDTH

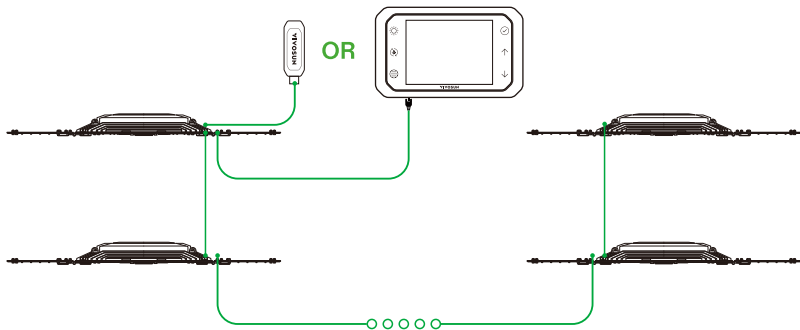
Larger light coverage with more light for plants on the sides of your lights through improved coverage area. Better for seedling and vegetative stages of growth.

NARROW

Higher light intensity with smaller light coverage. Better for the flowering stage of growth.

INSTALLATION

CONNECTION OF CONTROLLER AND MULTIPLE LIGHTS



Connect multiple AeroLights with RJ45 cables, and the first light to a VIVOSUN GrowHub controller E42(A) or E25 to control all the lights for dimming, spectrum tuning and ON/OFF cycle setting. Each light needs to connect the AC power separately and the GrowHub controller only need to connect to an AeroLight to run. Please see the VIVOSUN GrowHub controller manual for information about light control and more.

APPLICATION

SUGGESTED HANGING DISTANCE & SUGGESTED 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

Note: This suggestion is for reference only, and can be freely adjusted according to the actual situation.

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 a more eco-friendly solution.

WARRANTY INFORMATION

WARRANTY TERMS

1. We offer a 3-year warranty against manufacturing defects for all of our products from the date of purchase. 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 users' unauthorized modifications.
3. In the USA, if any light ceases working within 30 days of use, you can choose:
 - (A) Exchange: 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 free of charge as soon as we receive the defective product.
 - (B) Refund: We will email you a pre-paid return label. Please ship the product to our USA warranty center and we will issue a refund as soon as the light has been received. Refund periods may depend on the processing time of your bank or institution—usually, a refund takes about 5 business days to be processed.
4. Our company reserves all rights to the final explanation of this warranty structure. If you have any questions about our warranty policy, please contact us.

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