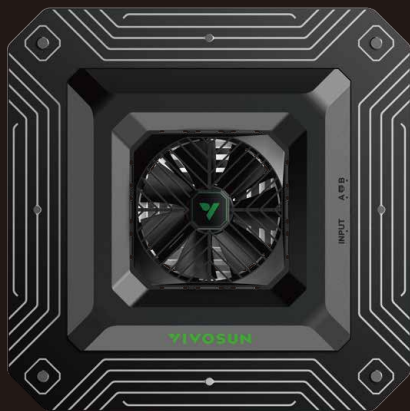


# VIVOSUN



## AeroLight SE

### 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.

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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:** The AeroLight is not waterproof; 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.

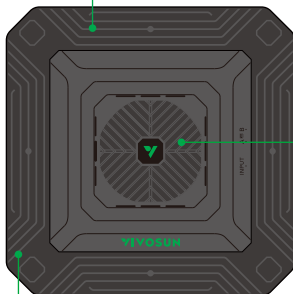
**Warning:** DO NOT put things into fan blades.

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

# KEY FEATURES

## 2-IN-1 GROW LIGHT

Patented grow light design with integrated highly reliable circulation fan.

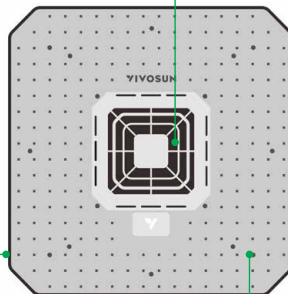


## SMART CONTROL

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

## BETTER CIRCULATION

With the central placement of the fan you have better air, CO<sub>2</sub> circulation, and humidity.



## FULL SPECTRUM

Full-spectrum sunlike lighting; offering more power to your plants and maximum PAR output at various distances.

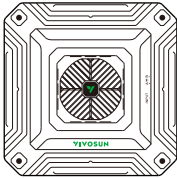
## UNIFORM LIGHT & AIR

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

## FR-ENHANCED

High efficient White LED with 660nm Deep Red and 730nm Far Red

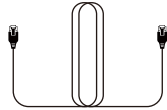
# PRODUCT CONTENTS



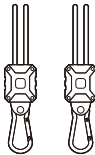
100W LED Light  
x 1pc



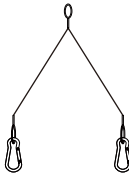
Power Cord  
x 1pc



RJ45 Network Cable  
x 1pc



Rope Hanger  
x 2pcs



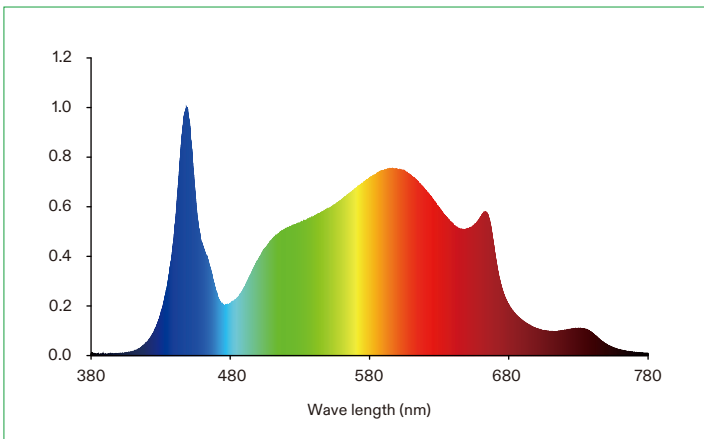
Wire Ropes  
x 2pcs



E25  
x 1pc

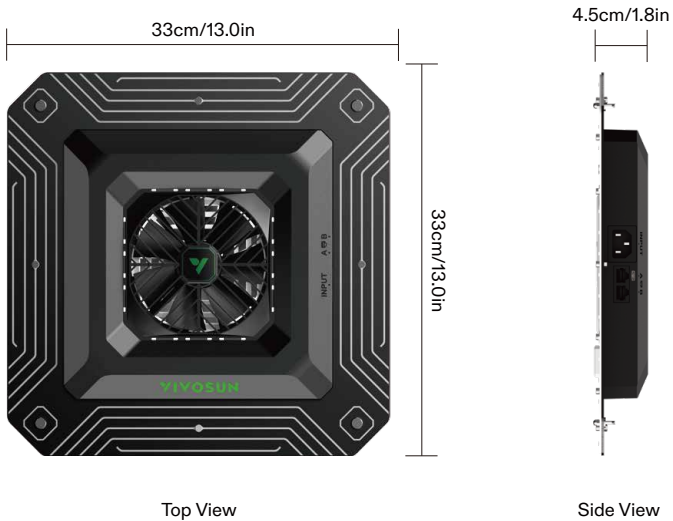
# SPECTRUM

The AeroLight SE is a full-spectrum device, covering all stages of plant growth.





# DIMENSIONS



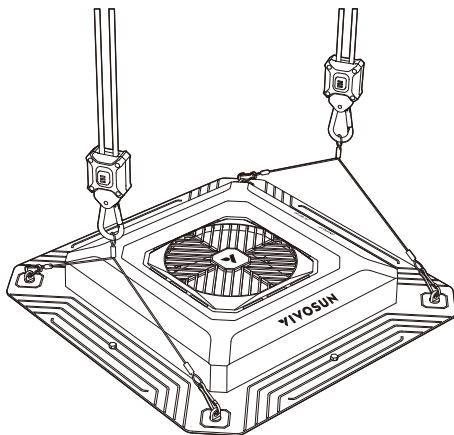
# SPECIFICATIONS

Light Source	2835 White with 660nm Deep Red & 730nm Far Red
Dimming	20%-100%/OFF (via Grow Hub and VIVOSUN app)
Spectrum	Full-spectrum Sunlike Lighting
Input Power	100W/120-240V
Frequency	50-60HZ
Fix Dimensions	33*33*4.5CM (L x W x H)
Weight	2.32 kg
Lifetime	>50000 hrs.
LED Certification	IES LM-80 Report
Power factor	>0.95

Certifications	ETL & FCC & CE
Warranty	3-Year Standard Warranty
Bearing	Dual Ball Bearing
Rated Voltage	12 VDC
Current	0.15A±10%
Power	1.8W±10%
Speed	2200 RPM.
Air Flow	84 CFM
Acoustical Noise	33 dB-A

# INSTALLATION

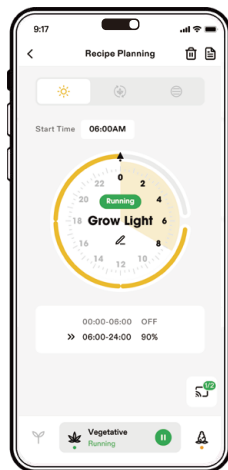
Attach the wire hangers to the frame of the AeroLight SE. Next, clip the carabiners of the rope hangers to the wire hangers. Finally, wrap the opposite end of the rope hangers around a crossbar and clip the carabiner to its respective rope. Adjust the height of your grow light by pressing the buttons on the rope hangers and lifting until you find the correct height for your light.



# INSTALLATION

Search "VIVOSUN" in the Apple App Store or in the Google Play Store to download the VIVOSUN App. With the VIVOSUN App, you can check and control your GrowHub from anywhere in the world—whether you are on your couch, visiting your family, or traveling abroad.

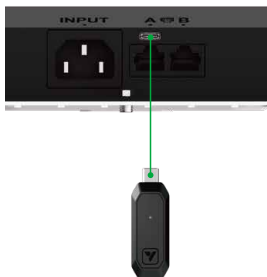
1. Remote control the devices with manual or cycling mode.
2. Grow Recipes: Enables you to set your lights, circulation fans, and duct fans based on different growth stages. The recipes provided in the VIVOSUN App are created by professional growers. All you have to do is click "apply" and then your VIVOSUN setup with take care of the rest.



# INSTALLATION

## E25 Installation

Insert E25 to the type C port of AeroLight. E25 will enter WiFi configuration.

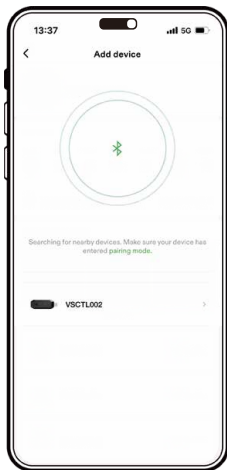


# INSTALLATION

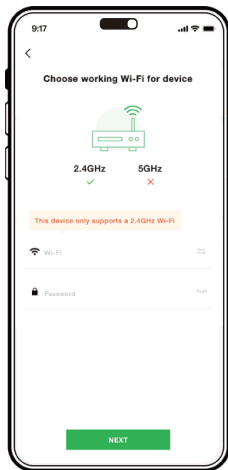
## WiFi Configuration

During WiFi configuration, the Green LED will flash fast. Then follow the WiFi configuration process on the Vivosun APP

### Step 1:



### Step 2:

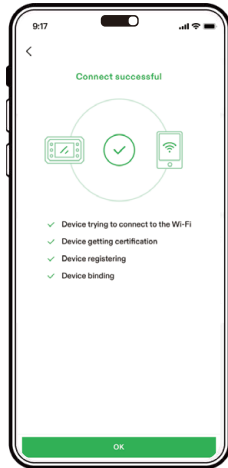


# INSTALLATION

Step 3:



Step 4:



# INSTALLATION

After WiFi configuration success, the green LED stops flashing and goes off.

If E25 is offline (i.e., no Wi-Fi connection or you do not have internet access), the green LED will flash slowly. It will continue flashing until E25 has a Wi-Fi connection again.

## Status Indicator

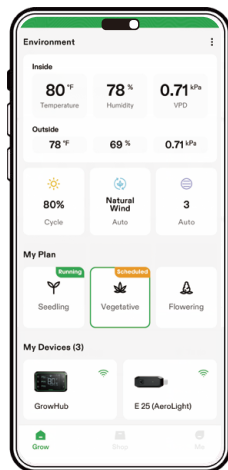
Quick press the button. The green LED will flash slowly 3 times to show it is working.

## Reset

Long press the button for 3 second until the green LED is on, then release the button. The green LED will turn off and reset success. E25 will restart and enter WiFi configuration.

## OTA

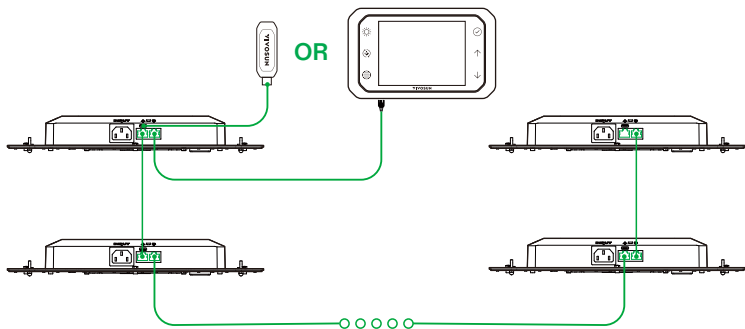
The green LED will flash fast during OTA.





# INSTALLATION

## CONNECTION OF CONTROLLER AND MULTIPLE LIGHTS



Connect multiple AeroLights with RJ45 cables, and the first light to a VIVOSUN GrowHub controller E42 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 E42 manual for information about light control and more if connected to E42.

# 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.  
Assembled in PRC.