

PROJECT

CATALOG #

TYPE

# VERTA SERIES

## Indoor LED Grow Light

SpecGrade's powerful yet versatile Verta is perfect for both flowering and vegging (with a 0-10V dimmer) in indoor applications. Its modular design allows the you to change out the circuit boards should you choose to switch the spectrum or increase the efficacy as technology evolves. The proprietary thermal management system radiates less heat onto the plants while at the same time delivering unprecedented light levels and uniformity. The finely-tuned A1 'Entire Life Cycle Spectrum' has proven at universities and various grow environments to improve the trichomes and taste while cutting operational costs and shortening grow cycles.



### INTENSITY

Designed for maximum PPFD while using significantly less power than traditional lamps.

### PRECISION

Precision-Engineered A1 Spectrum Offers Light Tailored For a Plant's Entire Life Cycle

### ENGINEERING

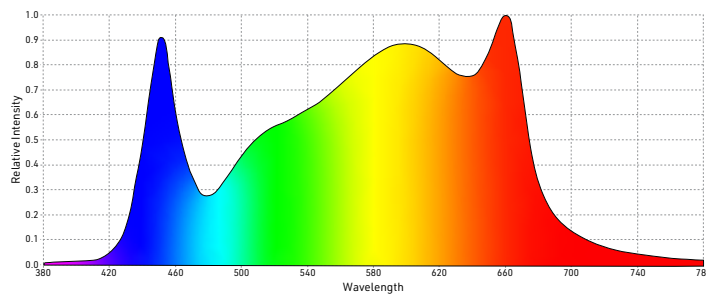
Proprietary Thermal Management System Radiates Less Heat.

## Ordering Information

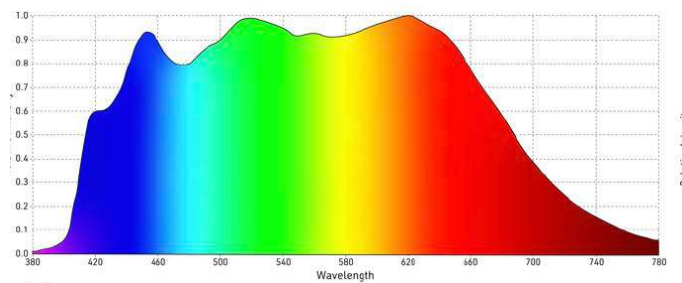
EXAMPLE PART # VERTA - 4 - A1 - V01 - WT - 15FT

VERTA		A1		WT	15FT
SERIES	MODEL	SPECTRUM	INPUT VOLTAGE	POWDER COAT FINISH	CORD LENGTH
VERTA	4 8	A1	V01 (100-277V) V04 (347-480V)	WT (Standard)	15FT (Standard)

## Available Spectrums



**A1 Spectrum | Entire Life Cycle**  
Standard



**S1 Spectrum | Entire Life Cycle**  
No DLC

# VERTA SERIES

Indoor LED Grow Light

## Specifications

### Performance

#### PPF

VERTA-4	822 $\mu\text{mol/s}$
VERTA-8	1,664 $\mu\text{mol/s}$

PPFD | 1,220  $\mu\text{mol/s/m}^2$

#### System Power

VERTA-4	330W
VERTA-8	650W

Efficacy | 2.5  $\mu\text{mol/J}$

Distribution | 120°

Spectrum | A1

Thermal | 100% Passive

Expected Life | 100,000 hrs.

### Electrical

Voltage | 100-277VAC (V01), 347-480VAC (V04)

Surge Protection | 4kV (V01), 6kV (V04)

Dimming | 0-10V

Power Factor | 0.999

Current THD | <5%

- Performance specifications obtained from independent lab testing by Underwriters Laboratory. UL Report #12348087.01

### Materials

LEDs | Proprietary blend of Samsung, Lumileds and OSRAM chips

Frame | Powder Coated Stainless Steel

Finish | Polyester Powder Coat

Heat Sink | AL6061 Aluminum

Modular Construction

(Enables grower to change out PCBs)

### Warranty

LEDs | 10 Years

Drivers | 7 Years

### Listings

Rating | IP67

Safety | UL 8800, UL 1598, UL 8750

FCC Compliant | 47 CFR FCC Part 15 Subpart B

NEMA Rating | 4X

DLC | Listed - Horticultural QPL

### Misc

Geometry	Weight	Dimensions	FootPrint
VERTA-4	22.5 lbs	42" x 20" x 3.75"	24" x 48"
VERTA-8	43 lbs	42" x 42" x 3.75"	48" x 48"

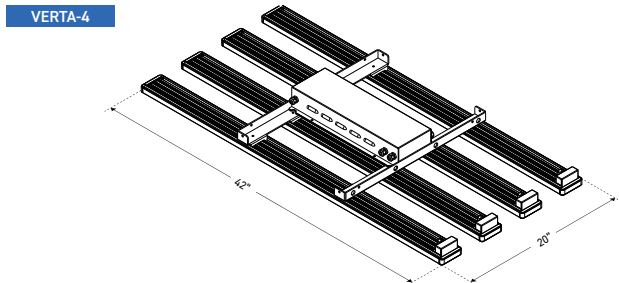
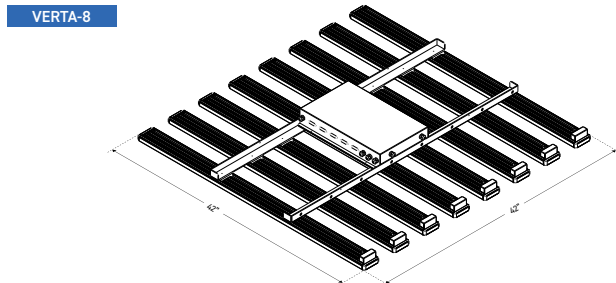
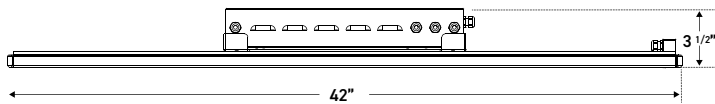
Typical Mounting Height |  $\geq 6"$  Above Canopy

Cord Length | 15-ft cord

Finish | White

## Product Data

### Dimensions



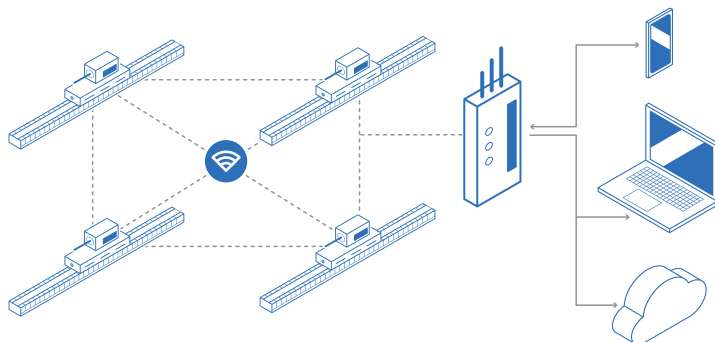
### Maximum Amperage By Voltage Service

		4 BAR					
Voltage	Amperage	120V	208V	240V	277V	347V	480V
		3.0A	1.8A	1.6A	1.4A	1.1A	0.8A

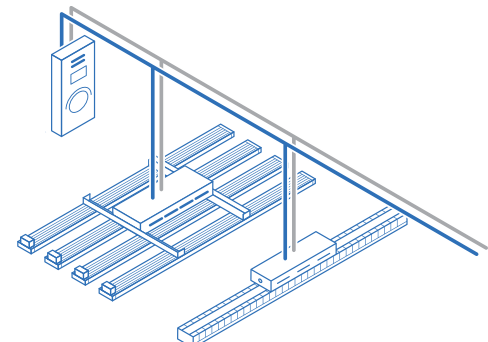
  

		8 BAR					
Voltage	Amperage	120V	208V	240V	277V	347V	480V
		5.57A	3.21A	2.78A	2.41A	1.92A	1.39A

## Controls



### Wireless



### Hard-Wired

Due to continuous improvement and innovation, product appearance and specifications may change without notice. Actual performance may differ as a result of end-user environment and application.

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