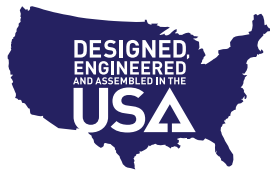# VERTA SERIES

Indoor LED Grow Light

SpecGrade's powerful yet versatile Verta is perfect for both flowering and vegging in indoor applications. Its modular design allows the you to change out the bars 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 standard 0-l0V dimming functions can easily be utilized with the Grow-Connect-ready (daisy-chaining) wiring harness. The finely-tuned Al for the Entire Life Cycle Spectrum has proven at universities and various grow environments to improve the trichromes and taste while cutting operational costs and shortening grow cycles.

DESIGNED, ENGINEERED AND ASSEMBLED IN THE USA

DLC HORT LISTED

ETL LISTED C US Intertek

IP66

5 YEAR* DRIVER WARRANTY *See website for details.

7 YEAR* LED WARRANTY *See website for details.

0-10V DIMMABLE

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

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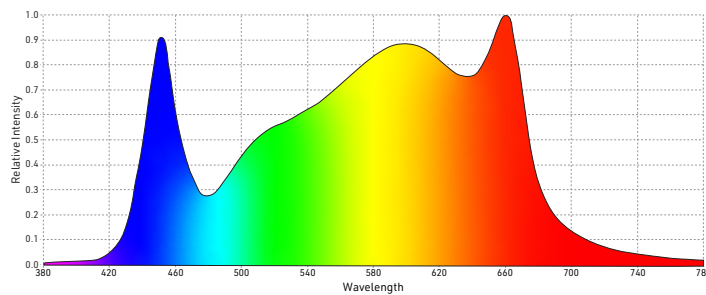Precision-Engineered A1 Spectrum Offers Light Tailored For a Plant's Entire Life Cycle

ENGINEERING
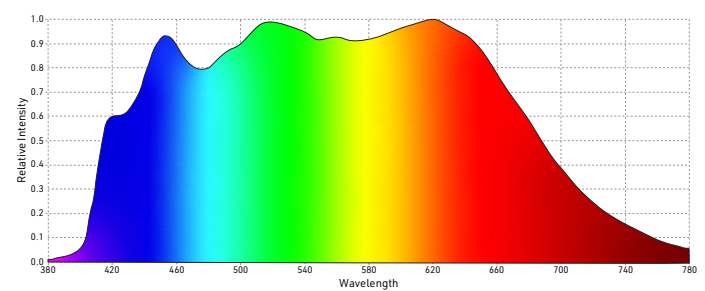Proprietary Thermal Management System Radiates Less Heat.

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	**A1**	**V01** (100-277V)	**WT** (Standard)	**15FT** (Standard)
	8		**V04** (347-480V)		

Available Spectrums

A1 Spectrum | Entire Life Cycle
Standard

S1 Spectrum | Entire Life Cycle
Optional, No DLC

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VERTA SERIES

Indoor LED Grow Light

SpecGradeLED
Committed to Increasing Yields

Specifications

Performance

PPF (± 5%)

VERTA-4	750 µmol/s
VERTA-8	1,478 µmol/s

System Power

VERTA-4	330W
VERTA-8	650W

Efficacy | 2.6 µmol/J
Distribution | 120º
Spectrum | A1
Thermal | 100% Passive
Expected Life | Q90 > 55,000 hrs.

Materials

LEDs | Proprietary blend of Samsung, Lumileds and OSRAM chips
Frame | Powder Coated Stainless Steel
Finish | Polyester Powder Coat
Heat Sink | AL6061 Aluminum

Electrical

Voltage | 100-277VAC (V01), 347-480VAC (V04)
Surge Protection | 4kV (V01), 6kV (V04)
Dimming | 0-10V Compatible
Power Factor | 0.999
Current THD | <5%

Wiring Harness (Daisy-Chain)

Each light is Grow-Connect ready (standard). Request information

Listings

Rating | IP66
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 | ≥6″ Above Canopy
Cord Length | 15-ft cord
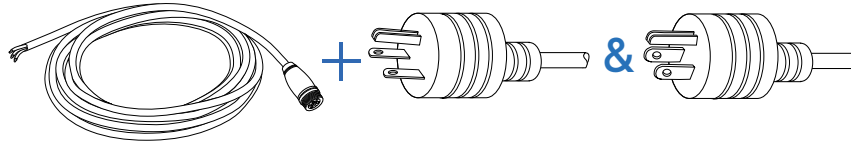**Finish** | White

Warranty

LEDs | 7 Years
Drivers | 5 Years

Electrical Standard

15′ cord + plugs (NEMA 6-15P plus 15P adapter)
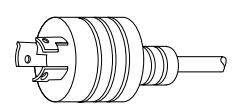
Standard Cord and Plug Configuration

Quick Connect Pigtail 15A
Item: GCPT-AC (Power)
Item: GCPT-DC (Dimming)

+

250V Side Blade 15A (NEMA 6-15P)
Item: SBP

&

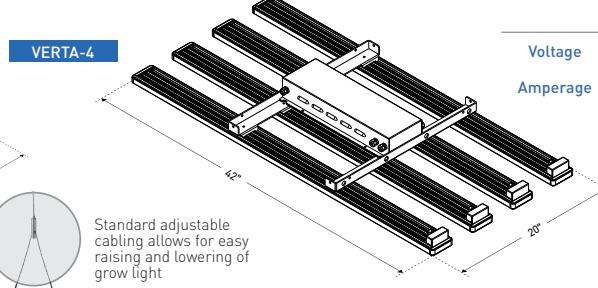**Adapter included to change the 250v to 120V Straight Blade 15A (NEMA 5-15P)**
Item: STDP

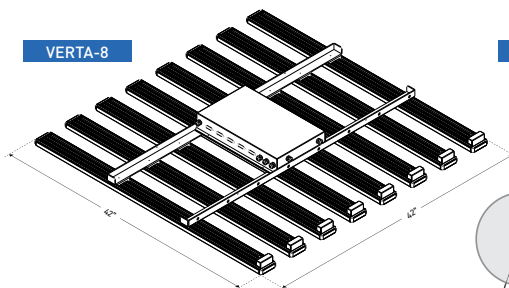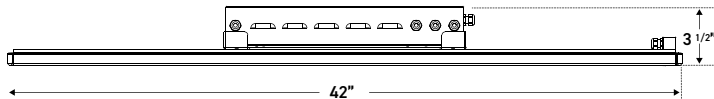## Plug Option

277V Twist Lock Plug 15A (NEMA L7-15P)
Item: STP

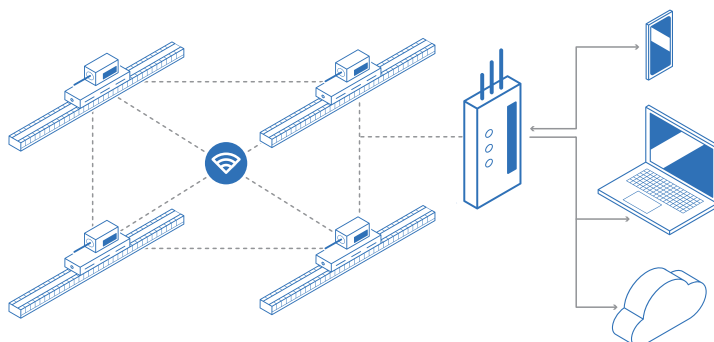## Product Data

Dimensions

3 1/2″

42″

VERTA-8

VERTA-4

42″

20″

Standard adjustable cabling allows for easy raising and lowering of grow light

Maximum Amperage By Voltage Service

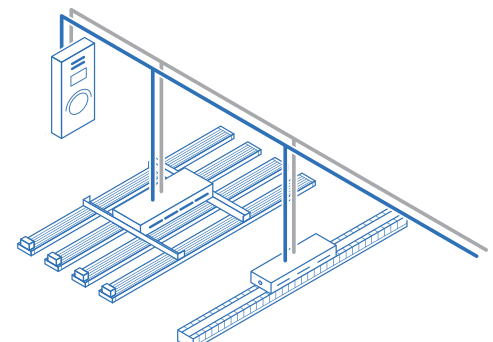| 8 BAR					
Voltage	120V	208V	240V	277V	347V	480V
Amperage	5.57A	3.21A	2.78A	2.41A	1.92A	1.39A

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

Controls

Wireless

Hard-Wired

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