



NEO

NEOCISION™
GROW LIGHTS

DISTRIBUTED BY:  **SURNA**[®]
Cultivation Technologies

NEOCISION VEG 500

Our Neocision Veg 500 full spectrum 5000k grow light fixture is designed for commercial growers seeking enhanced yield and coverage as compared to 600W metal halide or 630W ceramic metal halide lights.

FEATURES

- Independently tested efficacy of 2.62 $\mu\text{mol}/\text{J}$
- Industry Leading Horticulture LEDs
- RJ Port for Plug and Play Control Systems
- Folding Design for Fast and Easy Installation
- 5 Year Limited Warranty on Fixture and Driver

NEOCISIONGROWLIGHTS.COM

SUPPORT@NEOCISIONGROWLIGHTS.COM

FOLLOW US @ NEOCISIONGROWLIGHTS



NEOCISION™
GROW LIGHTS

Technical Data Sheet

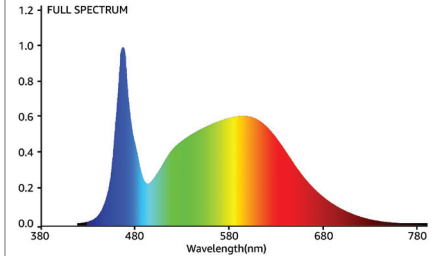
NEOCISION VEG 500

SKU NO: NSV-500

PRODUCT NAME: VEG 500

SPECTRUM AND EFFICACY

PPF Efficacy:	2.62 (tested @ 240 VAC / 505.9 W AC)
Photon Flux (µmol/s) (400-700nm):	1325
Photon Flux Blue (µmol/s) (400-500nm):	336
Photon Flux Green (µmol/s) (500-600nm):	614
Photon Flux Red (µmol/s) (600-700nm):	375
Total Blue/Red - Energy Bands:	711
% Blue:	25.34%
% Green:	46.34%
% Red:	28.32%



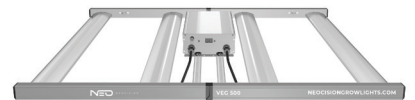
POWER

Power Consumption:	500W AC
Driver:	Fahold
Power Factor:	>0.95
Surge Protection:	6 KV
208V:	2.53 A
240V:	2.19 A
277V:	1.90 A



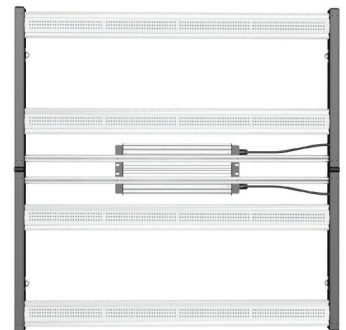
DIMENSIONS

Fixture Size (driver mounted on the fixture):	(L) 43.9" x (W) 43.9" x (H) 4.4"
Fixture Size (without driver):	(L) 43.9" x (W) 43.9" x (H) 1.9"
Power Supply Dimension:	(L) 16.9" X (W) 7.1" X (H) 3.0"
Driver Net Weight:	9.1 lbs.
Fixture Net Weight:	14.7 lbs.



OTHER

Mounting Height:	≥ 6" above canopy
Light Distribution:	120°
Input Voltage:	200 - 277 VAC
Manual Dimming Knob:	0-10 V (100% to 10%, then off)
Built In Control Ports:	RJ 14 input/output
Standard Power Cord (Extensions available):	AWG 18, 6 Foot
Standard Plug:	240 VAC - NEMA 6-15P
Substitute Plugs (Upon request at order):	277 VAC, Pigtails
Adjustable Height Hanging Kit Included:	Yes
Fixture and Driver Warranty:	5 Years Limited
ETL Safety Certified*:	Conforms to UL 1598:2021 Ed.5 Certified to CSA C22.2#250.0:2021 Ed.5 *ETL Safety Certified No. 5020070
DLC Listed:	Yes



December 2022