

LOWEST COST PER MICROMOLE

BACKED BY AN INDUSTRY-LEADING WARRANTY.



NEOCISION SPECTRA ELITE

Neocision Spectra Elite LED light fixtures feature a 20.6% blue spectra and 45.1% red spectra with a peak at 660nm for your flowering plants. This unique spectra mix creates stronger plants for nutrient uptake with maximized red for increased photosynthesis.



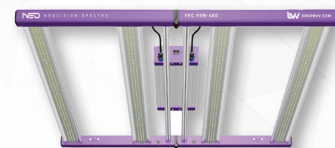
NEOCISION SPECTRA PRO

Neocision Spectra Pro LED light fixtures feature a 18.5% blue spectra and 40.7% red spectra with a peak at 660nm for your flowering plants. This unique spectra mix creates stronger plants for nutrient uptake with maximized red for increased photosynthesis.



NEOCISION SPECTRA VEG

Our 3-Bar Veg Spectrum 5000k LED light fixture is designed to produce a healthy and more flavorful, aromatic yield and has an independently tested PPF efficacy of 2.51 $\mu\text{mol/s/J}$ and PPF of 853 $\mu\text{mol/s}$. Enjoy fast and simple installation so you can get growing faster.



NEOCISION SPECTRA VEG

Our 320W and 480W 4-Bar Veg Spectrum 5000k grow light fixtures are designed for multi-tier racking systems as well as production of leafy greens and micro-greens.

SPECIFICATIONS

LIGHT FIXTURE	ELITE	PRO	480W 4-BAR VEG	320W 4-BAR VEG	3-BAR VEG
SPECTRUM AND EFFICACY					
PPF Efficacy:	2.85 at 240 VAC	2.58 at 120 VAC	2.55 at 240 VAC	2.68 at 240 VAC	2.51 at 120 VAC
Photon Flux (μmol/s) (400-700nm):	1939	1751	1275	910	853
Photon Flux Blue (μmol/s) (400-500nm):	400	324	331	236	221
Photon Flux Green (μmol/s) (500-600nm):	666	714	583	416	390
Photon Flux Red (μmol/s) (600-700nm):	874	713	362	258	242
Total Blue/Red – Energy Bands:	1274	1037	692	494	463
% Blue:	20.64%	18.51%	25.94%	25.94%	25.94%
% Green:	34.34%	40.76%	45.70%	45.70%	45.70%
% Red:	45.06%	40.73%	28.36%	28.36%	28.35%
POWER					
Power Consumption:	680W AC	680W AC	500W AC	340W AC	340W AC
Driver:	Sosen	Sosen	Fahold	Sosen	Sosen
Power Factor:	>0.95	>0.95	>0.95	>0.95	>0.95
Surge Protection:	6 KV	6 KV	6 KV	6 KV	6 KV
120V:	N/A	5.72 A	4.21 A	2.90 A	2.90 A
208V:	3.44 A	3.44 A	2.53 A	1.75 A	1.75 A
240V:	2.98 A	2.98 A	2.19 A	1.51 A	1.51 A
277V:	2.58A	2.58 A	1.90 A	1.31 A	1.31 A
DIMENSIONS					
Fixture Size (driver mounted on the fixture):	(L) 43.9" x (W) 43.9" x (H) 4.1"	(L) 43.9" x (W) 43.7" x (H) 4.1"	(L) 43.9" x (W) 43.9" x (H) 4.1"	(L) 43.9" x (W) 43.7" x (H) 4.1"	(L) 43.7" x (W) 22" x (H) 4.1"
Fixture Size (without driver):	(L) 43.9" x (W) 43.9" x (H) 1.6"	(L) 43.9" x (W) 43.7" x (H) 1.6"	(L) 43.9" x (W) 43.9" x (H) 1.6"	(L) 43.9" x (W) 43.7" x (H) 1.6"	(L) 43.7" x (W) 22" x (H) 1.6"
Power Supply Dimension:	(L) 25.7" x (W) 4.4" x (H) 2.4"	(L) 25.7" x (W) 4.4" x (H) 2.4"	(L) 16.9" x (W) 7.1" x (H) 3.0"	(L) 18.7" x (W) 4.4" x (H) 2.4"	(L) 18.7" x (W) 4.4" x (H) 2.4"
Driver Net Weight:	10.1 lbs.	10.1 lbs.	9.5 lbs.	6 lbs.	6 lbs.
Fixture Net Weight:	13.8 lbs.	13.8 lbs.	15.9 lbs.	11.5 lbs.	6 lbs.
OTHER					
Mounting Height	>6" above canopy	>6" above canopy	>6" above canopy	>6" above canopy	>6" above canopy
Beam Angle	120°	120°	120°	120°	120°
Input Voltage	200 – 277 VAC	100 – 277 VAC	200 – 277 VAC	200 – 277 VAC	100 – 277 VAC
Manual Dimming Knob	Yes	Yes	Yes	Yes	Yes
Built In Control Ports	Yes	Yes	Yes	Yes	Yes
Standard Power Cord (Extensions available)	AWG 18, 6 Foot	AWG 16, 6 Foot	AWG 18, 6 Foot	AWG 18, 6 Foot	AWG 18, 6 Foot
Standard Plug	240 VAC – NEMA 6-15P	120 VAC – NEMA 5-15P	240 VAC – NEMA 6-15P	240 VAC – NEMA 6-15P	240 VAC – NEMA 6-15P
Substitute Plugs (Upon request at order)	277 VAC, Pigtails	240 VAC, 277 VAC, Pigtails	277 VAC, Pigtails	277 VAC, Pigtails	120 VAC, 277 VAC, Pigtails
Adjustable Height Hanging Kit Included	Yes	Yes	Yes	Yes	Yes
Fixture Warranty	7 Years Limited	7 Years Limited	5 Years Limited	7 Years Limited	7 Years Limited
Driver Warranty	8 Years Limited	8 Years Limited	5 Years Limited	8 Years Limited	8 Years Limited
ETL Safety Certified	Conforms to UL 1598:2018 Ed.4Certified to CSA C22.2#250.0:2018 Ed.4*ETL Safety Certified No. 5020070	Conforms to UL 1598:2018 Ed.4Certified to CSA C22.2#250.0:2018 Ed.4*ETL Safety Certified No. 5020070	Conforms to UL 1598:2018 Ed.4Certified to CSA C22.2#250.0:2018 Ed.4*ETL Safety Certified No. 5020070	Conforms to UL 1598:2018 Ed.4Certified to CSA C22.2#250.0:2018 Ed.4*ETL Safety Certified No. 5020070	Conforms to UL 1598:2018 Ed.4Certified to CSA C22.2#250.0:2018 Ed.4*ETL Safety Certified No. 5020070
DLC Listed	Yes	Yes	Pending	Pending	Yes