



NEO

NEOCISION
SPECTRA

BY



NEOCISION SPECTRA EXPLORER

Our Explorer grow light fixture is designed for a full grow cycle with maximized red for increased photosynthesis. Ideal for 2' x 4' tent environments for increased consistency and yield.

FEATURES

- Independently tested efficacy of 2.56 $\mu\text{mol}/\text{J}$ at 120 VAC
- Industry Leading Horticulture LEDs
- RJ Port for Plug and Play Control Systems
- Fast and Easy Installation
- 7 Year Limited Warranty on Fixture
- 8 Year Limited Warranty on Driver

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Technical Data Sheet

NEOCISION SPECTRA EXPLORER

SKU NO: NST-3B

PRODUCT NAME: EXPLORER DR-42

SPECTRUM AND EFFICACY

PPF Efficacy:	2.56 at 120 VAC
Photon Flux (µmol/s) (400-700nm):	870
Photon Flux Blue (µmol/s) (400-500nm):	161
Photon Flux Green (µmol/s) (500-600nm):	355
Photon Flux Red (µmol/s) (600-700nm):	355
Total Blue/Red - Energy Bands:	516
% Blue:	18.51%
% Green:	40.76%
% Red:	40.73%

POWER

Power Consumption:	340W AC
Driver:	Sosen
Power Factor:	>0.95
Surge Protection:	6 KV
120V:	2.90 A
208V:	1.75 A
240V:	1.51 A
277V:	1.31 A

DIMENSIONS

Fixture Size (driver mounted on the fixture):	(L) 43.7" x (W) 22" x (H) 4.1"
Fixture Size (without driver):	(L) 43.7" x (W) 22" x (H) 1.6"
Power Supply Dimension:	(L) 18.7" X (W) 4.4" X (H) 2.4"
Driver Net Weight:	6.0 lbs.
Fixture Net Weight:	6.0 lbs.

OTHER

Mounting Height:	>6" above canopy
Light Distribution:	120°
Input Voltage:	100 - 277 VAC
Manual Dimming Knob:	Yes
Built In Control Ports:	Yes
Standard Power Cord (Extensions available):	AWG 18, 6 Foot
Standard Plug:	120 VAC - NEMA 5-15P
Substitute Plugs (Upon request at order)	120 VAC, 277 VAC, Pigtails
Adjustable Height Hanging Kit Included:	Yes
Fixture Warranty:	7 Years Limited
Driver Warranty:	8 Years Limited
ETL Safety Certified:*	Conforms to UL 1598:2018 Ed.4 Certified to CSA C22.2#250.0:2018 Ed.4 *ETL Safety Certified No. 5020070

