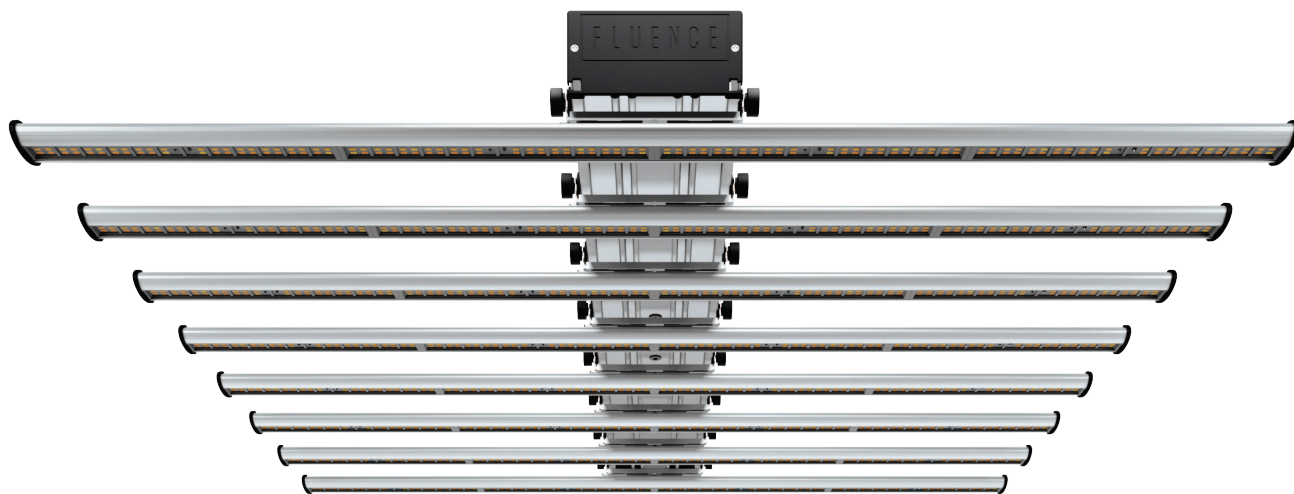




## SPYDR<sup>x</sup> PLUS



**SPYDR<sup>x</sup> PLUS** is a full-cycle top-lighting solution for commercial horticulture cultivation, with the power to scale from vegetative growth to bloom. For optimal results, we recommend SPYDR<sup>x</sup> PLUS deployed in environments with CO<sub>2</sub> supplementation between 800-1400 ppm in reproductive growth stage due to high PPFD levels.

FLUENCE

BY **OSRAM**



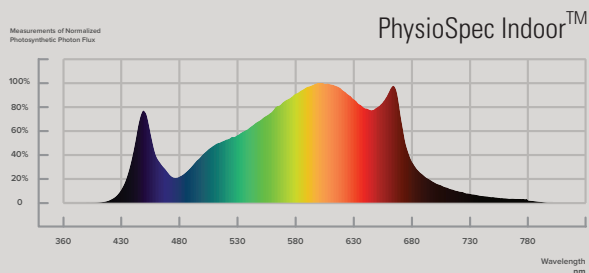
## SPECIFICATIONS

Light Source	LED
Spectrum	PhysioSpec Indoor™
PPF	1535 µmol/s
Input Power	660W
Efficacy	2.3 µmol/J
Input Voltage	Autosensing 100-277V, 347V*
Fixture Dimensions   Weight	42" L x 44" W x 4.6" H   33lbs 2oz 106.7cm L x 111.8cm W x 11.7cm H   15.03kg
Mounting Height	≥ 6" (15.2cm) Above Canopy
Thermal Management	Passive
Max. Ambient Temperature	95°F / 35°C
Dimming	10V-Sink
Light Distribution	120°
Lifetime	L90: > 54,000hrs
Power Factor	> 90%
Certifications	UL 1598 Damp Location Rating & IP55 (Console Only) & CE
Warranty	3 Year Standard or 5 Year Extended Warranty

### MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V	347V
AMPERAGE	5.50A	3.17A	2.75A	2.38A	1.96A

## SPECTRA

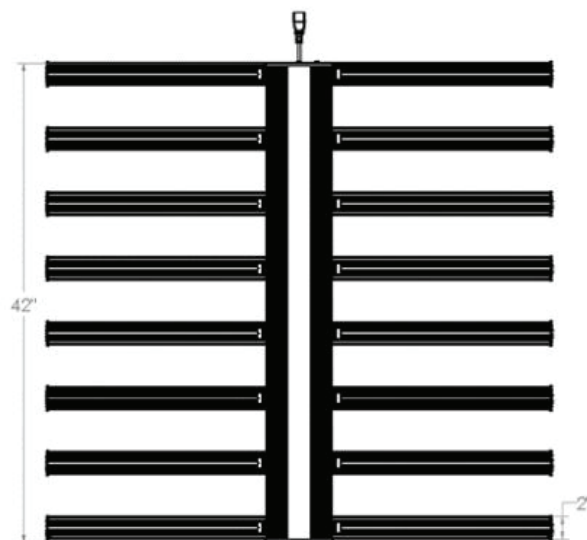


FAMILY	MODEL	SPECTRUM	INPUT VOLTAGE
SR	SPYDR X X Plus	I 1 PhysioSpec Indoor™	1 100-277V 3 347V*

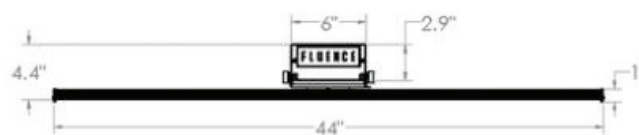
AC EXTENSION CORD	AC PLUG TYPE	MOUNTING HARDWARE
06 6ft (1.83m)	N5 NEMA 5-15p	B C-Bracket
15 15ft (4.57m)	N6 NEMA 6-15P	G Aircraft Cable
	L7 NEMA L7-15P	A Adjustable Cable
	PT Pigtails	

## DIMENSIONS

[ TOP VIEW ]



[ SIDE VIEW ]



[ TOP ANGLE VIEW ]



contact **FLUENCE**

512.212.4544

info@fluencebioengineering.com

www.fluence.science/SPYDR

\*347-480v SPYDR configurations operates at 3% higher wattage on average.

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Specifications based on performance at 277V. Subject to change without notice, Tolerance ±10%  
Horticultural lighting | Not suitable for household illumination.