FLUENCE

BIOENGINEERING

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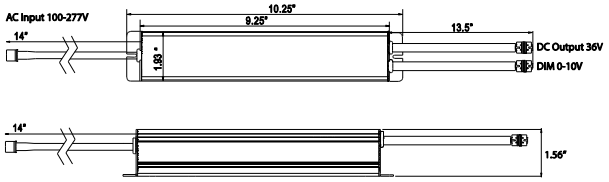
RAY

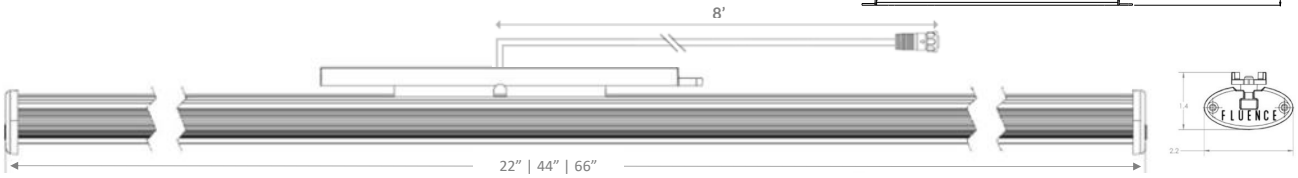
SPECIFICATIONS

	RAY22	RAY44	RAY66
Light Source	LED		
Spectrum	I | G | A | F | R | U		
PPF	60-95 µmol/s	110-190 µmol/s	160-285 µmol/s
Input Power	35-50W	70-85W	100-125W
Efficacy	1.2-2.4 µmol/J	1.2-2.5 µmol/J	1.3-2.6 µmol/J
Input Voltage	Autosensing 100-277V		
Fixture Dimensions | Weight	22" L x 2.2" W x 1.4" H | 1lb 4oz 55.9cm L x 5.6cm W x 3.6cm H | 0.56kg	44" L x 2.2" W x 1.4" H | 2lb 3oz 111.8cm L x 5.6cm W x 3.6cm H | 1kg	66" L x 2.2" W x 1.4" H | 3lb 2oz 167.6cm L x 5.6cm W x 3.6cm H | 1.42kg
Power Supply Dimensions | Weight	10.6" L x 1.9" W x 1.6" H | 2lbs 2oz 26.9cm L x 4.8cm W x 4.1cm H | 1kg		
Mounting Height	≥ 6" (15.2cm) Above Canopy		
Thermal Management	Passive		
Dimming	0-10V		
Light Distribution	120°		
Lifetime	L70: > 150,000hrs		
Power Factor	> 90%		
Certifications	cETL, UL 1598 Damp Location Rated & CE		
Warranty	3 Year Standard or 5 Year Extended Warranty		

MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V
RAY22 AMPERAGE	0.38A	0.22A	0.19A	0.16A
RAY44 AMPERAGE	0.71A	0.41A	0.35A	0.31A
RAY66 AMPERAGE	1.04A	0.60A	0.52A	0.45A





FAMILY	MODEL	SPECTRUM	INPUT VOLTAGE	AC CORD LENGTH	AC PLUG	MOUNTING
RY RAY	**2** 22"	**I** PhysioSpec Indoor™	**1** 100-277V	**06** 6 ft (1.83m)	**N5** NEMA 5-15P	**R** Standard
	4 44"	**G** PhysioSpec Greenhouse™		**15** 15 ft (4.57m)	**N6** NEMA 6-15P	**K** Suspension Kit
	6 66"	**A** AnthoSpec™			**L7** NEMA L7-15P	**E** Extension Kit
		F PfrSpec™			**PT** Pigtails	
		R PrSpec™				
		U UVSpec™				

*Specifications based on performance at 277V. Subject to change without notice. *Tolerance ± 10%.*

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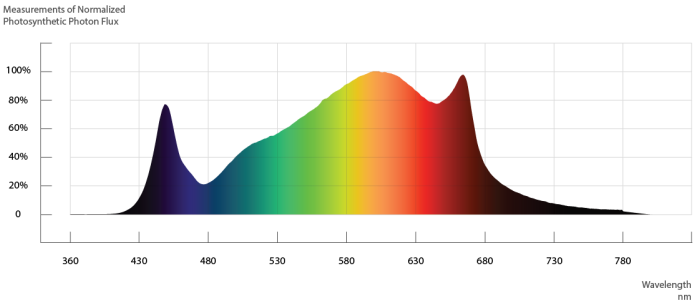
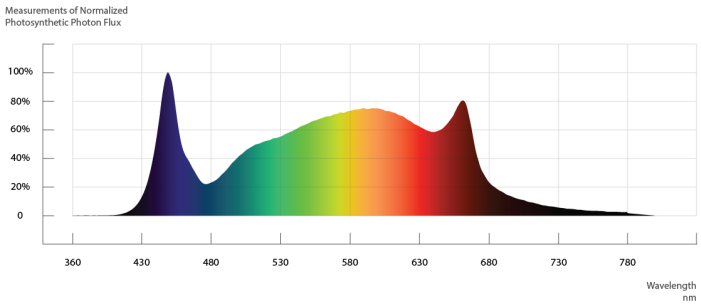
Fluence Spectral Power Distribution Charts

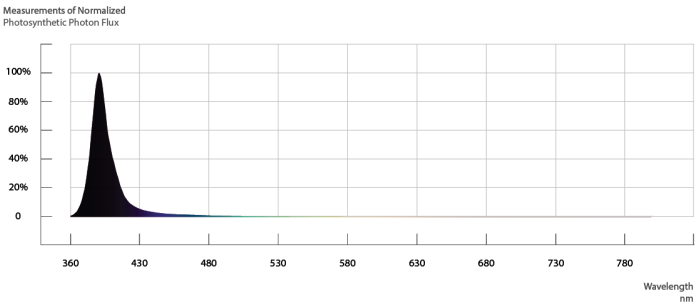
PhysioSpec Indoor™



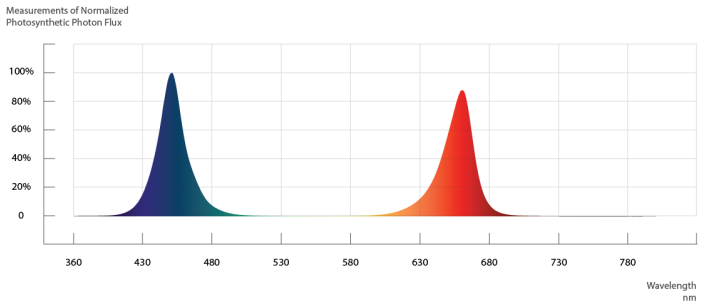
PhysioSpec Greenhouse™



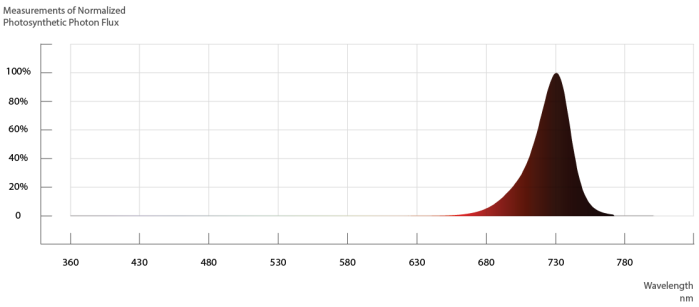
UVSpec™



AnthoSpec™



PfrSpec™



PrSpec™