

FLUENCE

BIOENGINEERING

RAZR2



RAZR3



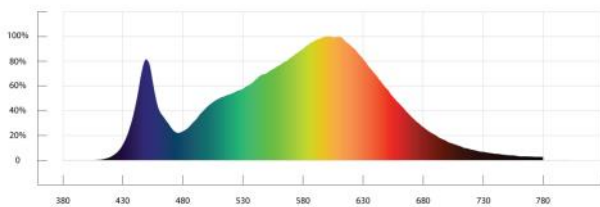
RAZR4



SPECIFICATIONS

	RAZR2	RAZR3	RAZR4
Number of Modules	10 per Array	7 per Array	5 per Array
Light Source	LED		
Spectrum	PhysioSpec™		
Efficacy	2.3 μmol/J		
PPF	140 μmol/s per Module 1400 μmol/s Total	200 μmol/s per Module 1400 μmol/s Total	280 μmol/s per Module 1400 μmol/s Total
Input Power	60W per Module 600W Total	85.5W per Module 600W Total	120W per Module 600W Total
Input Voltage	Autosensing 100-277V, 347V*, 400V* & 480V*		
Single Module Dimensions Weight	47.5" L x 15.7" W x 1.4" H 2lb 12oz 120.7cm L x 39.9cm W x 3.6cm H 1.25kg	47.5" L x 20.5" W x 1.4" H 3lb 14oz 120.7cm L x 52.1cm W x 3.6cm H 1.76kg	47.5" L x 20.5" W x 1.4" H 4lb 12oz 120.7cm L x 52.1cm W x 3.6cm H 2.15kg
Enclosure* Dimensions Weight	22.1" L x 3.4" W x 8.5" H in 10lbs 10oz 56.1cm L x 8.6 cm W x 21.6 cm H 4.82kg		
Mounting Height	≥ 12" (30.5cm) From Canopy	≥ 8" (20.3cm) From Canopy	≥ 5" (12.7cm) From Canopy
Thermal Management	Passive		
Dimming	0-10V Linearly Dims to Off		
Light Distribution	120°		
Lifetime	L90: > 54,000hrs		
Power Factor	> 90%		
Certifications	UL 1598 Wet Location Rating, IP66 & CE		

PhysioSpec™

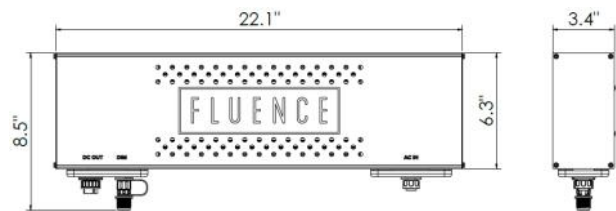


MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V	347V	400V	480V
RAZR2, RAZR3 & RAZR4 AMPERAGE	5A	2.88A	2.5A	2.17A	1.78A	1.55A	1.29A

POWER ENCLOSURE

Included with the enclosure is the AC input port and cord, DC output port and cord, and a dimming port with dust cap. The power enclosure can be mounted on rack or on wall away from grow area.



FAMILY	MODEL	SPECTRUM	INPUT VOLTAGE	CORD LENGTH	AC PLUG	DC Plug	MOUNTING							
RR	RAZR 2	P	PhysioSpec™	1	100-277V	06	6 ft (1.83m)	N5	NEMA 5-15P	03	3 ft (.91m)	Z	Stainless Steel Zip Ties	
				3	347V	15	15 ft (4.57m)	N6	NEMA 6-15P	06	6 ft (1.83m)			
	RAZR 3			4	400V	L7	NEMA L7-15P	15	15ft (4.57m)					
				RAZR 4	5					480V	PT			Pigtails



*347-480V RAZR arrays operate at 3% higher wattage on average.

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