



RAZR Array

Designed for the world's largest vertical farms, the **RAZR** family tackles a wide range of vertical farming applications with average PPFD ranging from 125-375 $\mu\text{mol}/\text{m}^2/\text{s}$, making the new RAZR family ideally suited for full-cycle cultivation of leafy greens, microgreens, and culinary herbs as well as propagation of vegetable and ornamental crops.

FLUENCE

BY OSRAM

SPECIFICATIONS

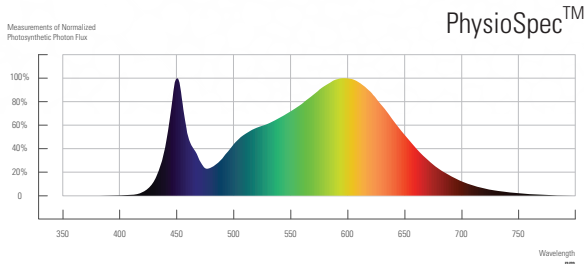
Light Source	LED
Spectrum	PhysioSpec™
Efficacy	2.22 µmol/J @ 277V AC
AC Input Voltage	120-277V, 347V, 400V & 480V
Power Supply	22.1" L x 3.4" W x 8.5" H 10lbs 10oz
Dimensions Weight	56.1cm L x 8.6cm W x 21.6cm H 4.82kg
Thermal Management	Passive
Max. Ambient Temperature	95°F / 35°C
Dimming	10V-Sink Linearly Dims to Off
Light Distribution	120°
Lifetime	L90: > 54,000hrs
Power Factor	> 90%
Certifications	UL 1598 Wet-Location Rated, IP66, CE
Warranty	3 Year Standard or 5 Year Extended Warranty

NOMINAL ELECTRICAL AC INPUT*

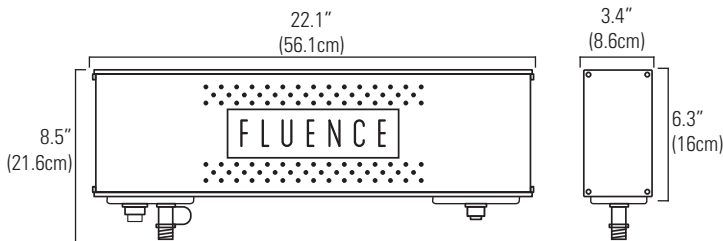
AC VOLTAGE	120V	208V	230V	277V	347V	400V	480V
AC Current	5.42 A	3.07 A	2.76 A	2.28 A	1.86 A	1.61 A	1.35 A
AC Power	651 W	638 W	636 W	632 W	645 W	645 W	649 W

* At 77°F (25°C) ambient temperature

SPECTRA



[POWER SUPPLY]



FAMILY		MODEL		SPECTRUM		INPUT VOLTAGE		AC POWER CORD	
RR	RAZR	2	RAZR2 RAZR3 RAZR4	P	PhysioSpec™	1	120-277V 347V 400V 480V	06	6ft (1.83m) 15ft (4.57m)
		3							
		4							
		5							
AC PLUG TYPE			DC EXTENSION CORD			MOUNTING HARDWARE			
N5	NEMA 5-15p	03	3 ft (.91m)	Z	Stainless Steel Zip Ties				
N6	NEMA 6-15P	06	6 ft (1.83m)						
L7	NEMA L7-15P	15	15ft (4.557m)						
PT	Pigtails								
VP	VDE Pigtail (EU)								
TF	Schuko Type F (EU)								

FIXTURE / ARRAY SPECIFICATIONS



[RAZR2]

Fixture PPF	140 µmol/s
Fixture AC Wattage	63W
Fixture Dimensions & Weight	47.5" L x 15.7" W x 1.4" H 2lbs 12oz 120.7cm L x 39.9cm W x 3.6cm H 1.25kg
Fixture Mounting Height	≥ 12" (30.5cm) From Canopy
Array Number of Fixtures	10 (minimum 3)
Array PPF	1400 µmol/s
Array Input Power @277V AC	632W (minimum 180W)



[RAZR3]

Fixture PPF	200 µmol/s
Fixture AC Wattage	90W
Fixture Dimensions & Weight	47.5" L x 20.5" W x 1.4" H 3lbs 14oz 120.7cm L x 52.1cm W x 3.6cm H 1.76kg
Fixture Mounting Height	≥ 8" (20.3cm) From Canopy
Array Number of Fixtures	7 (minimum 2)
Array PPF	1400 µmol/s
Array Input Power @277V AC	632W (minimum 180W)



[RAZR4]

Fixture PPF	280 µmol/s
Fixture AC Wattage	126W
Fixture Dimensions & Weight	47.5" L x 20.5" W x 1.4" H 4lbs 12oz 120.7cm L x 52.1cm W x 3.6cm H 2.15kg
Fixture Mounting Height	≥ 5" (12.7cm) From Canopy
Array Number of Fixtures	5 (minimum 2)
Array PPF	1400 µmol/s
Array Input Power @277V AC	632W (minimum 180W)

RAZR products are suitable for hydroponic and aquaponic environments that expose the light fixtures to minimal contact with fertigation chemicals and mineralized water. Please consult with Fluence sales about details of suitable applications.



Contact **FLUENCE**
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www.fluence.science/RAZR

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Subject to change without notice, Tolerance ±10%
Horticultural lighting | Not suitable for household illumination.