

SPYDR 2x40

The **SPYDR 2 40" Series** is designed to optimize the LED light coverage for 40-inch wide grow benches and tables. Offering two levels of PPF light output and a variety of mounting options, it is a highly flexible grow light solution with easy installations for growers.



SPECIFICATIONS

Light Source	LED
Spectrum	PhysioSpec™ Broad R4
Light Output PPF	852 µmol/s
Efficacy	2.5 µmol/J @ 277 V AC
AC Input Power	343 W @ 277 V AC
AC Input Voltage	120-277 V AC, 347-400 V AC, 50/60 Hz
Light Distribution	120°
Mounting Height Above Canopy	6" - 12" [15-30 cm]
Thermal Management	Passive
Max. Ambient Temperature	95°F [35°C], 90% RH
Dimming	Off/on 0/1-10 V sink dimming, source driver
Total Harmonic Distortion (THD)	< 10% at 100% output
Lifetime (Driver and LED L90)	> 50,000 hrs
IP Rating IEC 60529	IP66
Certifications	UL 8800, UL 1598 Wet Location, DLC
Warranty	5 Year Limited Warranty

NOMINAL ELECTRICAL AC INPUT*

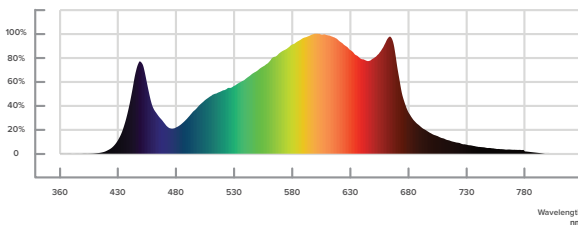
AC VOLTAGE	120V	208V	277V	347V	400V
AC Current	2.96 A	1.72 A	1.32 A	1.03 A	0.90 A
AC Power	351 W	348 W	343 W	345 W	345 W
Power Factor	0.988	0.975	0.939	0.968	0.954

* At 77°F [25°C] ambient temperature at 100% output

SPECTRA

measurements of normalized
Photosynthetic Photon Flux

PhysioSpec™ Broad R4



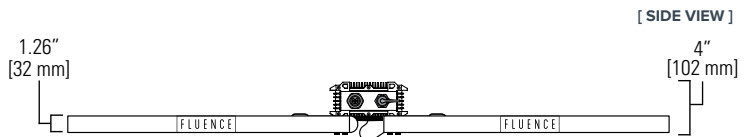
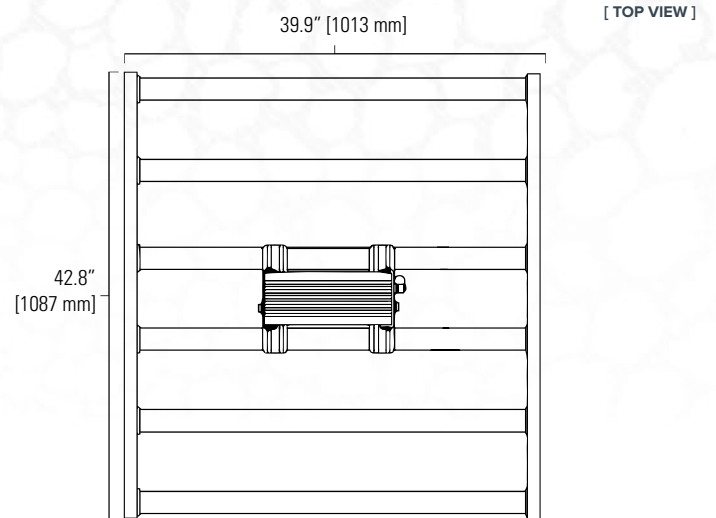
FAMILY	MODEL	SPECTRUM	INPUT VOLTAGE	AC POWER CORD
SR	SPYDR 2x40 2x 40"x43"	I PhysioSpec™ Broad R4	LVG 120-277V HVE 347-400V	00 None 06 6 ft (1,8 m) 15 15 ft (4,6 m)

AC PLUG TYPE	DC EXT. CORD	MOUNTING HARDWARE	PACKAGING
000 None	00 None	00 None	S Single Pack
N5P NEMA 5-15p	03 3 ft (0,9 m)	W Waterfall Mounts	B20 Bulk Pack (20 QTY)
N6P NEMA 6-15P	06 6 ft (1,8 m)	S Solid-Decking Mounts	
L7P NEMA L7-15P		M 2-Point Hanging Lances	
PTP Pigtails		A Adjustable Hanging Kit	
		L Long V Mounts	
		O Offset Solid Deck Mounting Kit	
		V VAS Mounting Kit	
		LV Wire Form VAS	
		LC Wire Form VAS Short	
		OV Offset VAS Long	
		OC Offset VAS Short	

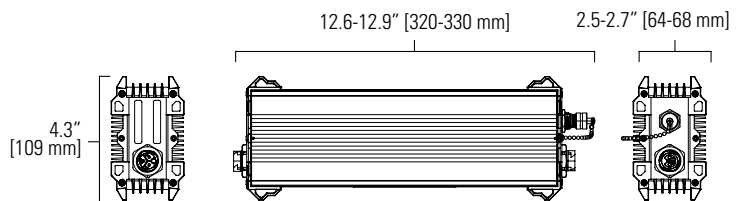
Note :
DC Dimming signal cable not included in the product.
Must be ordered separately as an accessory.

*Please contact sales for more mounting options

DC DIMMING SIGNAL CABLE (Power Supply to Dimming Control)	QTY/ Power Supply	Ordering Code	QTY/ Carton
11 in (0,3 m) dimming signal cable, pigtail, M12 connector	1 pc	CDMA-71561-10	10 pcs
5-FT (1,5 m) dimming signal cable, pigtail, M12 connector	1 pc	CDMA-71560-10	10 pcs



[PSU 120-277V AND 347-400VAC]



Disclaimer: Performance values are from representative tests performed in accordance industry standards listed. Actual application performance may vary due to component tolerances and installation, environmental, and field measurements conditions.



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