

SPYDRFANG

A high-performance LED grow light for craft cannabis cultivation. Enabling micro-growers to command their grow with an optimized 1600 $\mu\text{mol/s}$ (PPF) output, PhysioSpec™ Broad R4 spectrum, and included 0-100% dimmer for easy control and full-cycle cultivation.



SPECIFICATIONS

Light Source	LED
Spectrum	PhysioSpec™ Broad R4
Light Output PPF	1600 μmol/s
Efficacy	2.6 μmol/J @ 240 V AC
AC Input Power	626 W @ 240 V AC
AC Input Voltage	120-277 V AC, 50/60 Hz
Light Distribution	120°
Mounting Height Above Canopy	6" - 12" [15-30 cm]
Thermal Management	Passive
Max. Ambient Temperature/Humidity	95°F [35°C], 90% RH
Dimming	Dimmer Module Included
Total Harmonic Distortion (THD)	<10% at 100% output
Lifetime (Driver and LED Q90)	> 36,000 hrs
IP Rating per IEC60598-1	IP66
Certifications	UL 8800, UL 1598, CE, IEC60598-1
Warranty	3 Year Limited Warranty

NOMINAL ELECTRICAL AC INPUT*

AC VOLTAGE	120 V	240 V	277 V
AC Current	5.42 A	2.79 A	2.34 A
AC Power	651 W	626 W	625 W
Power Factor	0.99	0.97	0.96

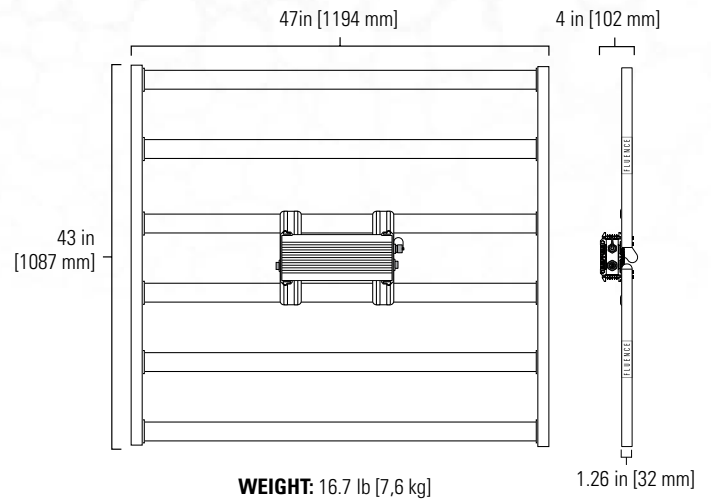
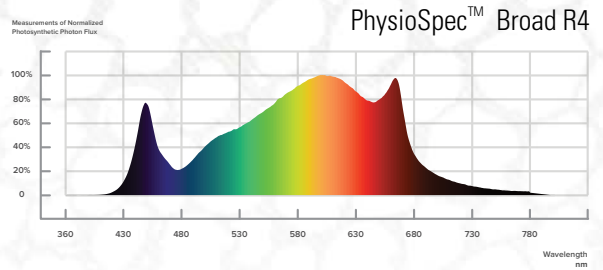
* At 77°F [25°C] ambient temperature and 100% output.

ORDERING CODES

Description	Regional Commercial Code	12NC
SPYDR Fang, Broad R4, LVG, 6 ft (1,8m) NEMA 6-15P Cord, with Lance Hangers and Dimmer	SR-2R47-I-LV-N6P-R	9124 017 01755
SPYDR Fang, Broad R4, LVG, 6 ft (1,8m) NEMA 5-15P Cord, with Lance Hangers and Dimmer	SR-2R47-I-LV-N5P-R	9124 017 01757
SPYDR Fang, Broad R4, LVG, 6 ft (1,8m) SAA Cord, Type I Plug, with Lance Hangers and Dimmer	SR-2R47-I-LV-ASP-R	9124 017 01756

ALTERNATIVE AC POWER CABLES-AMERICAS (Order separately)	Regional Commercial Code	Ordering PN 12NC Single Pack
6 ft (1,8 m) AC Extension Cable, NEMA L7-15P Plug, M19 Push Lock, Max 277 V AC	CAA-XXU3P9FL7P1.8S	9124 017 01625
15 ft (4,6 m) AC Extension Cable, NEMA 5-15P Plug, M19 Push Lock, Max 125 V AC	CAA-XXU3P9FN5P4.6S	9124 017 01612
15 ft (4,6 m) AC Extension Cable, NEMA 6-15P Plug, M19 Push Lock, Max 250 V AC	CAA-XXU3P9FN6P4.6S	9124 017 01614
15 ft (4,6 m) AC Extension Cable, NEMA L7-15P Plug, M19 Push Lock, Max 277 V AC	CAA-XXU3P9FL7P4.6S	9124 017 01626

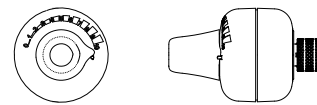
SPECTRA



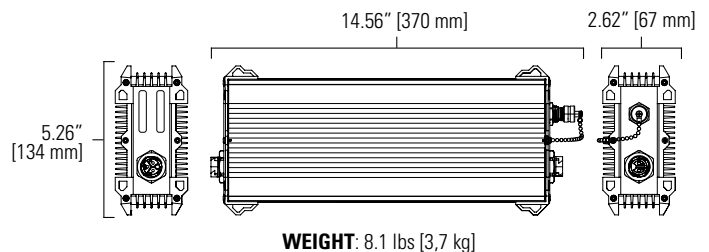
[MOUNTING HARDWARE]



[DIMMER MODULE]






[PSU 120-277V AC]



Disclaimer: Performance values are from representative tests performed in accordance with 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 

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Subject to change without notice

Horticultural lighting | Not suitable for household illumination.