



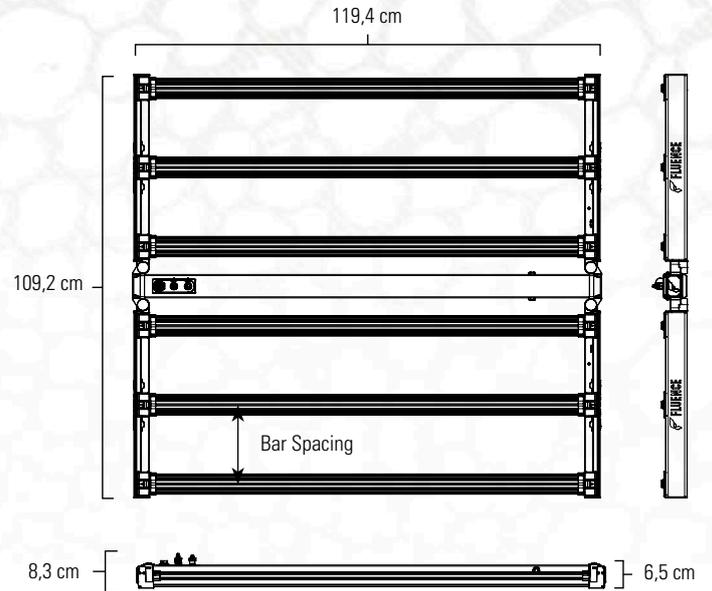
## SPYDR 3

The **SPYDR 3** is a high-performance, multi-tier lighting solution built for high-PPFD cultivation. It features integrated drivers, an efficient veg spectrum, and IP66 rated replaceable bars for durability in demanding grow environments.

## SPECIFICATIONS

Light Source	LED
Spectrum	PhysioSpec™ Broad R4, R5
Light Output PPF	Up to 2090 $\mu\text{mol/s}$
Efficacy	Up to 3,0 $\mu\text{mol/J}$
AC Input Power	From 390 W to 800 W
AC Mains Voltage	230 - 400 VAC
Light Distribution	Lambertian
Max. Ambient Temperature/Humidity	40°C, 90% RH non-condensing
Dimming	Source Signal Driver, 0-10 V, Dim to Off / Dimming: 10-100% (M12 Port)
Total Harmonic Distortion (THD)	< 10% at 100% output
Lifetime (Driver and LED L90)	> 50.000 hrs
IP Rating IEC 60529	IP66
Certifications	<b>CE/CB per IEC 60598-2-1:2020</b>
Warranty	5 Year Limited Warranty

## DIMENSIONS



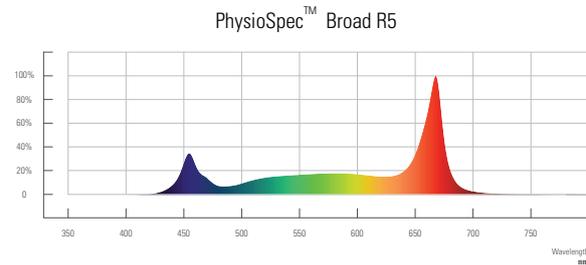
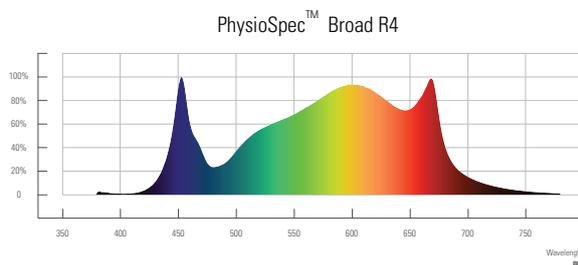
## Performance Table

Model	PhysioSpec™ Spectrum	PPF Output [ $\mu\text{mol/s}$ ]	Wattage @277V [W]	Efficacy [ $\mu\text{mol/J}$ ]
3x47	Broad R5	1190	390	3,0
3i47	Broad R4	1870	700	2,7
3h47	Broad R4	2090	800	2,6

Model	System Weight	# of Bars	Bar Spacing
3x47	7,9 kg	4	30,5 cm
3i47/3h47	11,9 kg	6	20,3 cm

**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.

## SPECTRA



## LUMINAIRE

Description	Recommended Applications and Expected PPF	Regional Catalog Code (SKU)	Ordering PN 12NC Single Pack
SPYDR3x47, BW5, 230-400V, SP	Vegetative or low PPF flowering without CO <sub>2</sub> (700-750 $\mu\text{mol/m}^2/\text{s}$ )	SR-3x47-BW5-JV-S	9124 017 02565
SPYDR3i47, BW4, 230-400V, SP	Medium to High PPF Flowering (1100-1200 $\mu\text{mol/m}^2/\text{s}$ )	SR-3i47-BW4-JV-S	9124 017 07104
SPYDR3h47, BW4, 230-400V, SP	High PPF Flowering (1200-1300 $\mu\text{mol/m}^2/\text{s}$ )	SR-3h47-BW4-JV-S	9124 017 07106



Contact **FLUENCE**   
 support@fluence-led.com   
[www.fluence-led.com/products/spydr-series](http://www.fluence-led.com/products/spydr-series)

## MOUNTING HARWARE

Description	Pcs per kits	Regional Catalog Code (SKU)	Ordering PN 12NC Single Pack (-S)	Ordering PN 12NC Bulk Pack (-B)	Bulk Pack Carton QTY
Adjustable Lance Hanging Kit	2	MT-SR-GM-05	9124 017 01641	9124 016 55893	10
Lance Wire Hanger Kit	2	MT-SR-M2-XX	9124 017 01633	9124 016 88765	20
Adjustable 4-Point VAS Mounting Kit	4	MR-S3-VL-AJ	9124 017 07102		N/A

## DIMMING SIGNAL CABLE

Description	Region	Regional Catalog Code (SKU)	Ordering PN 12NC Single Pack (S)	Ordering PN 12NC Bulk Pack (B)	Bulk Pack Carton Quantity
80 cm (31,5 IN) Dimming Signal Cable, Cca, Pigtail, M12 Connector	Europe/ROW	CCE-XXC3T2FL3X0.8	9124 017 01623	9124 016 55883	10

## AC POWER CABLE (Power Supply to AC Line)

Description	Region	Regional Catalog Code (SKU)	Ordering PN 12NC Single Pack (S)	Ordering PN 12NC Bulk Pack (B)	Bulk Pack Carton Quantity
6 FT (1.8 m) AC Cable, VDE H07RN-F, Pigtail, M19 Push Lock (CE countries)	ROW	CAR-XXV3P9FL3X1.8	9124 017 01616	9124 016 88464	10
15 FT (4.6 m) AC Cable, VDE H07RN-F, Pigtail, M19 Push Lock (CE countries)	ROW	CAR-XXV3P9FL3X4.6	9124 017 01617	9124 016 88465	5
80 cm AC Cable, Dca, Pigtail, M19 Push Lock (400V CE application)	Europe	CAE-XXD3P9FL3X0.7	9124 017 01627	9124 016 55887	10
1.8 m (6 FT) AC Cable, VDE H07RN-F, Schuko Type F7 Plug, M19 Push Lock, 230 V AC	Europe	CAE-XXV3P9FF7P1.8	9124 017 01628	9124 016 55901	10
4.6 m (15 FT) AC Cable, VDE H07RN-F, Schuko Type F7 Plug, M19 Push Lock, 230 V AC	Europe	CAE-XXV3P9FF7P4.6	9124 017 01615	9124 016 88463	5

## CABLE ADAPTERS

ACCESSORIES	Regional Catalog Code (SKU)	Ordering PN 12NC Single Pack (S)	Ordering PN 12NC Bulk Pack (B)	Bulk Pack Carton Quantity
AC Connector Adapter for Power Supply, Wieland Leaf Green to M19 Push Lock, Dca, Wieland 96.032.4055.7 (Male) to M19 Push Lock (Female), w/Ferrite, 0,20 m (8 IN)	AAE-XXD3P9FWGM0.2	9124 017 01609	9124 016 88466	10

## NOMINAL ELECTRICAL AC INPUT

Product Configuration	AC Voltage	230 V	400 V
3x47-BW5-JV	AC Current [A]	1.85	1.08
	AC Power [W]	409	401
3i47-BW4-JV	AC Current [A]	3.182	1.847
	AC Power [W]	710	702
3h47-BW4-JV	AC Current [A]	3.572	2.04
	AC Power [W]	797	786

\* At 77°F (25°C) ambient temperature