

VYNE 2

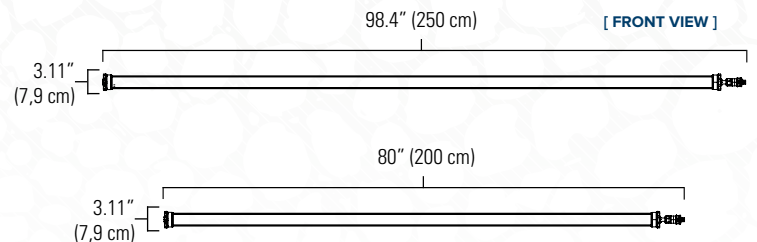
The **VYNE Series** is an advanced intercanopy lighting solution designed specifically for cannabis cultivation. It delivers targeted illumination to the lower, shadowed canopy, ensuring optimal light penetration for improved bud development and overall plant health. With ultra-low inrush performance and minimal current draw, VYNE supports extended runs of luminaires on a single connection, making it an efficient and scalable solution for cannabis operations.

SPECIFICATIONS

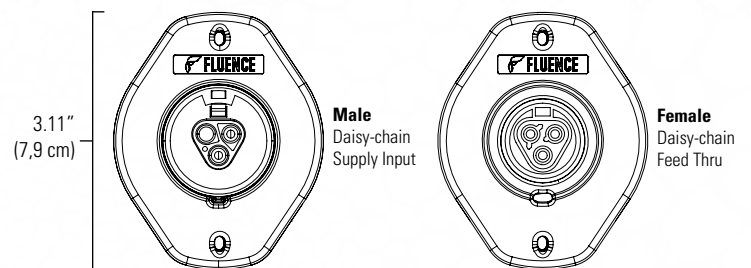
Light Source	LED
AC Input Voltage	Autosensing 200-400 V AC, 50/60 Hz
Spectrum	Broad R6
Input Power	78-98W
Power Factor	> 0.9
Total Harmonic Distortion	< 20%
Dimming	Non-Dimmable
Efficacy	3.1 µmol/J (Broad R6)
Thermal Management	Passive
Mounting Position	Inter-canopy
Optical	Lambertian per side, Canted down 5°
Max. Ambient Temperature	40°C
Lifetime (Driver and LED Q90)	> 36,000 hours
IP Rating	IP 66
Appliance Class	Class II (Double Insulated)
Environmental Rating	Wet Location
Certifications	CE, PSE, UL/CSE
Industry Standards	UL8800, IEC 60598-1
Maximum connected lightbars	up to 40 ¹
Warranty	5 Year Limited Warranty

DIMENSIONS

Part	Length	Width	Height	Weight
VYNE 2.5 m Light Fixture	98.4" 250 cm	2.55" 6,5 cm	3.11" 7,9 cm	2.5 kg
VYNE 2.0 m Light Fixture	80" 200 cm	2.55" 6,5 cm	3.11" 7,9 cm	2.2 kg



WIELAND DETAIL



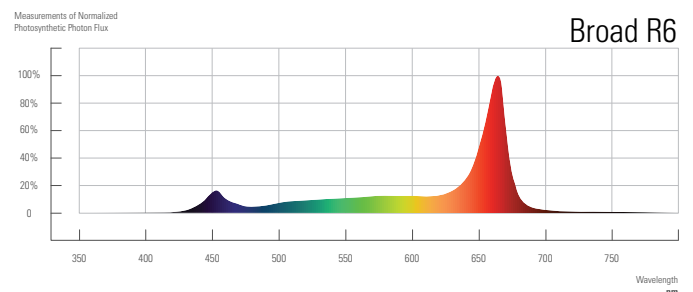
PHOTOSYNTHETIC PHOTON FLUX AND EFFICACY²

PHYSIOSPEC™ SPECTRUM	LIGHT OUTPUT PPF (400-700 nm) (µmol/s)	AC Power @ 277 V AC (W)	Efficacy (PPE) @ 277 V AC (µmol/J)
BROAD R6 - 2.5 m	300	98	3.1
BROAD R6 - 2.0 m	240	78	3.1

PHOTOSYNTHETIC PHOTON FLUX AND EFFICACY²




PHYSIOSPEC™ SPECTRUM	LIGHT OUTPUT PPF (400-700 nm) (µmol/s)	AC Power @ 230 V AC (W)	Efficacy (PPE) @ 230 V AC (µmol/J)	AC Power @ 400 V AC (W)	Efficacy (PPE) @ 400 V AC (µmol/J)
BROAD R6 - 2.5 m	300	98	3.1	98	3.1
BROAD R6 - 2.0 m	240	78	3.1	78	3.1

SPECTRA



Disclaimers:

1. Depends on factors such as voltage and bar power.
2. 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** 
support@fluence-led.com 
www.fluence-led.com/VYNE 

SKU MATRIX FOR LIGHT FIXTURE WITH INTERNAL POWER SUPPLY

FAMILY		MODEL		SPECTRUM		INPUT VOLTAGE		PACK TYPE	
VN2	VYNE 2	20	2.0 meters	BP6	BROAD R6	MVG	200 - 400 VAC	B	Bulk Pack
		25	2.5 meters						

ORDERING CODES FOR LIGHT FIXTURES

DESCRIPTION	Ordering Code	Regional Commercial Code
VYNE2 300 BP6 L250 200-400V	929003965186	VN2-25-BP6-MVG-B
VYNE2 240 BP6 L200 200-400V	929003965188	VN2-20-BP6-MVG-B

ORDERING CODES FOR ACCESSORIES

MOUNTING HARDWARE AND DUST CAPS	Ordering Code	Regional Commercial Code
VYNE2, Mounting Bracket, 170mm, BP	929003965384	VN2-BRKT-170-B
VYNE2, Mounting Bracket, 270mm, BP	929003965385	VN2-BRKT-270-B
VYNE2, Dust/End Cap, Wieland Grn, BP	929003965392	VN2-RST1-DUST-B

AC POWER CABLES - AMERICAS	Ordering Code	Regional Commercial Code
VYNE2, Power Cable, 5.5.3L650, BP	929003965387	VN2-CAC-A-PC-65
VYNE2, Jumper Cable, 4.5.3L100, BP	929003965389	VN2-CAC-A-JC-10-B

AC POWER CABLES - EMEA/ROW	Ordering Code	Regional Commercial Code
VYNE2, Power Cable, 5.5.25L650, BP	929003965386	VN2-CAC-C-PC-65
VYNE2, Jumper Cable, 4.5.25L100, BP	929003965388	VN2-CAC-C-JC-10-B

CABLE CONNECTORS	Ordering Code	Regional Commercial Code
VYNE2, Female Connector, 1.5, BP	929003965390	VN2-CON- C-1.5-B
VYNE2, Female Connector, 1.6, BP	929003965391	VN2-CON- C-1.6-B



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