



PYTHN

PYTHN is a cutting-edge under-canopy lighting solution engineered for precision cannabis cultivation. Designed to deliver focused light to the shaded areas beneath the canopy. Ensures even light distribution for robust flower development and healthier plants. With energy-efficient LED technology and a modular design, PYTHN supports seamless scalability, making it ideal for operations of any size. By reducing the need for manual defoliation and increasing the growth potential of lower canopy buds, this solution helps growers achieve higher yields and a greater proportion of premium-grade flowers.

SPECIFICATIONS

Light Source	LED
AC Input Voltage	120-277V, 347-400V AC, 50/60 Hz
Spectrum	Broad R6, R8
Input Power	120W-105W
Power Factor	>0.9
Output	Up to 360 µmol/s
Efficacy	Up to 3.4 µmol/J
Thermal Management	Passive
Power Supply	Integrated
Dimming	Source Signal Driver, 0-10 V, Dim to Off / Dimming: 10-100% (M12 Port)
Total Harmonic Distortion	<15%
Optical	145°
Max. Ambient Temperature	35°C [104°F]
Lifetime Q90	>36,000 hours
Photobiological Safety IEC 62471	Risk Group 1
Environmental Rating	IP66, Wet Location
Certifications	ETL, CE
Industry Standards	UL8800, IEC 60598-1, IEC 62471
Warranty	5 Year Limited Warranty
DLC Reported Controlled Environment Position / Use Case	Indoor (Non-Stacked) and Greenhouse Under Canopy / Sole source and Supplemental

PERFORMANCE DATA @277V AC (400-800 nm)

PHYSIOSPEC™ SPECTRUM	AC Power (W)	OUTPUT PF (µmol/s)	Efficacy (PE) (µmol/J)
BP6	120	360	3,0
BP8	105	360	3,4

REGIONAL COMMERCIAL CODE

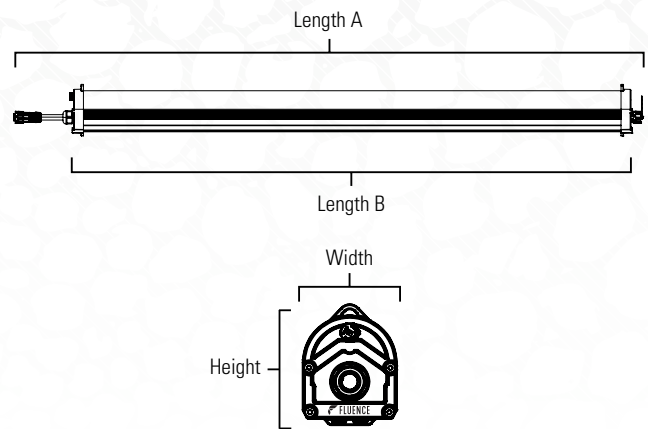
FAMILY	SPECTRUM	INPUT VOLTAGE
PT PYTHN	BP6 BROAD R6	EHV 347-400 VAC
	BP8 BROAD R8	LV 120-277 VAC

LUMINAIRES AND ACCESSORIES

Product Description	12NC	RCC
PYTHN,BP6,120-277V,BP	912401707154	PT-BP6-LV-B
PYTHN,BP6,347-400V,BP	912401707155	PT-BP6-EHV-B
PYTHN,BP8,120-277V,BP	912401707156	PT-BP8-LV-B
PYTHN,BP8,347-400V,BP	912401707157	PT-BP8-EHV-B
PYTHN,AC Cable,M25 5pin,4'9"(1.5m),SP	912401707166	PT-CAC-M25-5-1.5-S

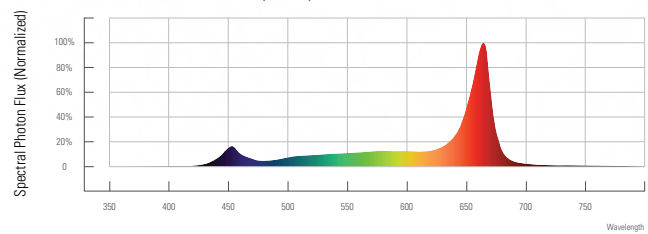
DIMENSIONS AND WEIGHT

Length A	Length B	Width	Height	Weight
128 cm	114 cm	8,2 cm	10,5 cm	3,4 kg
50.4 in	46 in	3.2 in	4.1 in	7.5 lbs



SPECTRUMS

PhysioSpec™ BROAD R6



PhysioSpec™ BROAD R8

