



SUPREME™
ENERGY TECHNOLOGY INC



S780 Series⁺ (UV-R)

The S780 Series is the trapezoidal growth lamp is the top lighting solution for the full cycle of commercial cannabis cultivation, and is a great boost to innovative agriculture. It help customers achieve sustainable crop planting throughout the year. And a good formula means faster growth, greater harvest and higher quality plants.



S780+



Specifications

Light Source	LED
Light Output PPF	2150umol/s
Efficacy	2.7umol/J @ 277V AC
AC Input Power	743W @ 277V AC
AC Input Voltage	120~277V AC @ 50/60Hz
Power Factor	> 95
Dimming	0~10V Source
Light Beam Angle	120°
Fixture Dimensions	47"L x 43"W x 2.3" H
Fixture Weight	28.5Lbs
Thermal Management	Passive
Max. Ambient Temperature	95°F / 35°C
Mounting Height	6~12 inches
Lifetime	L90: > 50,000hrs
Certifications	UL8800, UL1598, DLC
Warranty	5 Years Standard Warranty
Coverage	4*4 FT

Max Amperage By Voltage Service

AC VOLTAGE	120V	208V	220V	230V	240V	250V	277V
AC Current	6.48A	3.62A	3.42A	3.27A	3.14A	3.02A	2.75A
AC Power	777W	750W	748W	747W	746W	745W	743W
Power Factor	0.999	0.989	0.985	0.981	0.977	0.973	0.955

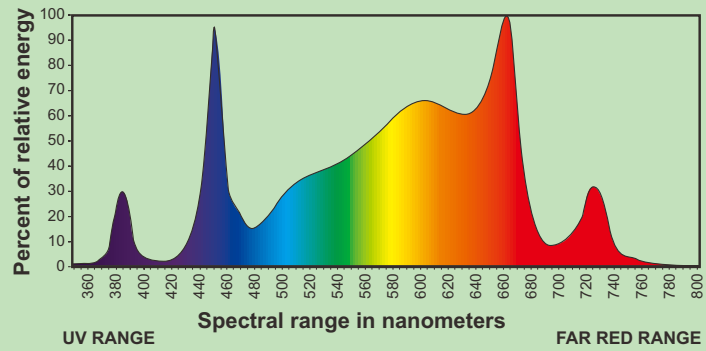
* Nominal electrical AC input, Power tolerance ±5%.
* At 77 F(25°C) ambient temperature

Product Spectrum & PPFD Reading

780W (Max) Distance From Canopy : 1'

24"	431		556		468				
18"		812		881	844				
12"			1118	1133	1134				
6"				1350	1224	1287			
0	1053	1150	1242	1346	1229	1288	1232	1137	1078
6"				1317	1200	1261			
12"					1109	1072		1064	
18"						834		869	813
24"	488								454
	24"	18"	12"	6"	0	6"	12"	18"	24"

Average PPFd : 940



Product Spectrum & PPFd Reading

Knob Position	Power Level	Input Watts
0	0%	0W
1	54%	420W
2	67%	520W
3	87%	680W
4	100%	780W
5	External controller	



Through the external controller, more plant growth lights can be controlled by network.

Product Dimension

