

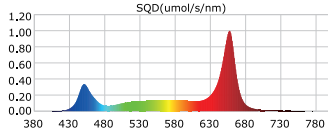
SPECIFICATIONS

Input Power	750W+50W(UV)
Efficacy	3.0 $\mu\text{mol/J}$
PPF	2400 $\mu\text{mol/s}$
Input Voltage	120-277V
Number for light bars	8 bar
Mounting Height	$\geq 6"$ (15cm) Above Canopy
Thermal Management	Passive
Lifetime	50,000hrs
Power Factor	$>90\%$
Colour Rendering Index	80ra
Ambient Temperture	$-25\sim 40^{\circ}\text{C}$
Control	0-10V Dimming
Daisy Chain Port	RJ14
Certifications	ETL , CE

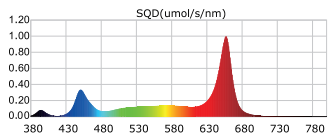
MAX AMPERAGE BY VOLTAGE SERVICE

VOLTAGE	120V	208V	220V	277V
AMPERAGE	6.67A	3.85A	3.64A	2.89A

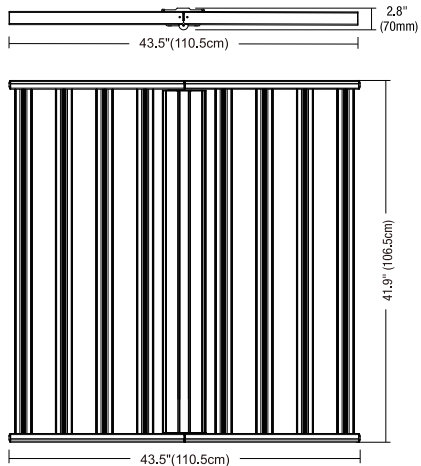
FULL SPECTRUM



FULL SPECTRUM+UV



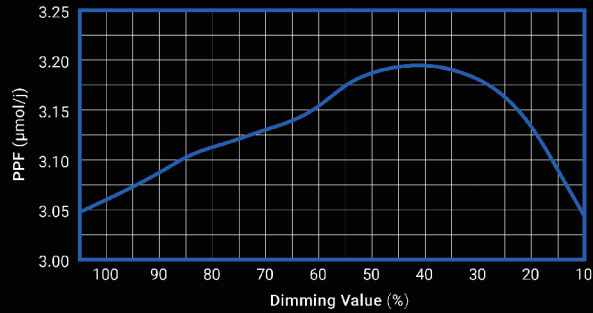
DIMENSION:



Photometric Characteristics

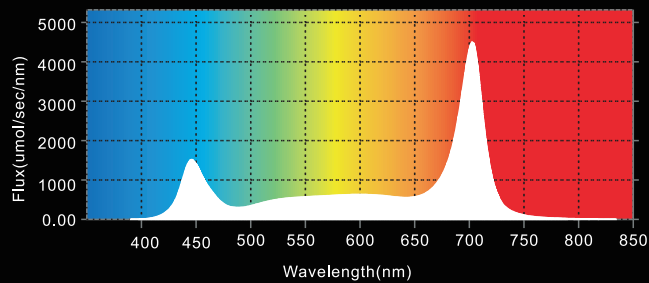
Dimming Value %	PPF ($\mu\text{mol/s}$)	PPE ($\mu\text{mol/s}$)
100	2396	3.056
90	2161	3.088
80	1926	3.125
70	1683	3.147
60	1442	3.169
50	1199	3.221
40	950.3	3.232
30	704.7	3.223
20	453.4	3.166
10	229.3	3.053

Dimming Curve vs. Efficiency



Color Spectrum

Flux vs Wavelength



Uniformity(PPFD Map)

30cm Measuring Height

419.89	590.84	701.35	704.55	703.14	681.15	656.58	579.11	388.23
644.72	932.77	1,049.57	1,079.93	1,073.75	1,079.74	1,060.77	945.62	540.89
756.77	1,135.23	1,305.33	1,329.69	1,300.86	1,299.54	1,300.15	1,127.56	772.16
816.28	1,194.82	1,365.38	1,388.77	1,394.98	1,420.25	1,389.37	1,210.79	842.22
845.33	1,205.77	1,393.53	1,428.25	1,402.71	1,397.53	1,363.81	1,191.14	807.54
755.13	1,112.92	1,276.99	1,315.98	1,305.92	1,337.26	1,306.90	1,146.56	784.81
639.80	902.73	1,064.74	1,081.05	1,046.43	1,068.02	1,065.99	931.74	622.27
401.02	609.28	692.08	700.97	671.20	661.81	655.17	656.03	400.98

60cm Measuring Height

358.83	467.57	528.78	556.24	579.51	566.34	493.94	383.71	362.29
471.14	588.93	672.94	720.58	735.07	723.65	669.60	525.85	445.90
529.90	678.51	779.18	849.93	865.57	849.30	790.76	689.99	540.12
585.15	744.22	846.08	919.00	932.21	915.00	843.37	685.96	591.02
584.19	747.99	859.42	917.28	930.93	918.87	850.07	741.50	578.23
510.78	654.29	785.58	844.33	866.08	855.32	802.19	699.38	555.48
462.74	604.82	685.06	726.92	738.70	652.49	641.54	602.25	442.97
357.11	401.67	525.55	518.32	577.54	530.81	535.14	469.08	375.82

90cm Measuring Height

295.02	343.13	378.53	401.02	407.77	403.54	381.63	338.09	287.60
339.22	399.67	445.69	475.75	482.43	473.27	443.28	399.61	341.69
375.94	445.64	494.88	527.81	541.94	530.18	497.60	444.80	375.66
393.39	467.01	526.79	561.77	571.25	559.53	523.97	471.56	403.80
401.26	468.25	521.78	557.09	569.42	558.37	521.73	461.54	386.17
368.44	439.33	494.24	526.38	539.70	526.66	495.52	447.81	381.06
342.85	399.53	443.07	470.84	482.21	471.35	442.42	388.95	331.40
283.43	340.41	391.89	412.36	381.65	402.35	378.73	342.40	291.66

120cm Measuring Height

234.35	259.28	275.85	290.83	298.32	295.36	281.84	259.49	228.44
250.31	286.66	313.27	330.33	333.39	328.91	312.08	289.28	259.33
276.81	311.45	338.08	353.96	359.85	354.65	338.40	308.66	266.95
277.94	318.60	351.61	368.98	373.88	368.25	349.82	321.87	286.31
289.22	322.25	350.97	366.39	374.34	368.21	349.23	317.51	279.40
269.09	307.45	334.91	352.74	360.05	355.22	335.71	310.13	278.04
257.80	288.97	312.82	329.97	334.71	325.86	311.31	287.33	248.65
223.40	266.93	279.13	291.18	297.76	292.22	280.72	259.46	232.44