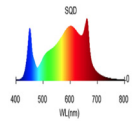
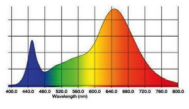
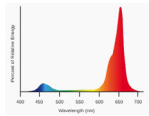
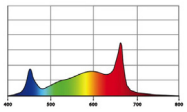
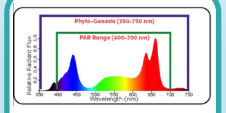
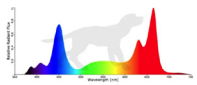
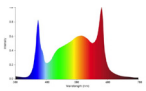
LED GROW LIGHT COMPARISON CHART 700 W - 1000 Watts

GROWACE.COM

	Advance Spectrum 900W Sun Series Model E 8-Bar	California LightWorks SolarXtreme 1000	California Light Works SolarSystem 1100	Photontek 1000 W XT CO2 Pro	Black Dog LED 1020W PhytoMAX-3 20SC	Black Dog LED PhytoMAX-2 1000 LED	Solis Tek 720W B9 720 Full Spectrum
Price	$ 1099	$ 949	$ 1699	$ 1599	$ 2599	$ 1999	$ 1275
Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum	Full Spectrum
Wattage Draw	900 Watt	800 Watt	800 Watt	1000 Watt	1020 Watt	1050 Watt	720 Watt
HID Equivalent	1200 Watt	1000 Watt	1000 Watt	1200 Watt	1200 Watt	1000 Watt	1000 Watt
Light Output Total PPF	2450 µmol/s	800 µmol/s	1800 µmol/s	2925 µmol/s	2185 µmol/s	1602 µmol/s	800 µmol/s
Veg Footprint	8' x 8'	5' x 5'	8' x 8'	6' x 6''	8.75' x 8.75'	8' x 8'	4' x 4'
Flower Footprint	6' x 6'	5' x 5'	5' x 5'	5' x 5'	8' x 8'	6.5 x 6.5	4' x 4'
Reccommended Height above plant	6 - 24"	24-36"	36"	20 - 48"	47 - 57"	47 - 57"	36"
Dimensions LxWxH	43.5" x 44" x 2.3"	18" x 18" x 4"	18" x 18" x 4"	46.50" x 42.95" x 4.16"	19" x 19" x 4.5"	21" x 21" x 7"	47.25" x 34.8" x 4.32"
PAR Eficacy	2.8 (umol/joule)	2.5 µmol/joule	2.3 (umol/joule)	2.9 (umol/joule)	2.14 (umol/joule)	2.15 (umol/joule)	2.5 (umol/joule)
Diodes	L 7009	Unknown	Osram	Osram and Lumileds Philips	Cree and Osram	Cree and Osram	SMD and COB
Dimmable	Yes	Yes	Yes	Yes	Yes	Yes	No
Input Voltage (VAC)	120 - 240 V	120 - 240 V	90 - 277 V	120 - 270V	100 - 277V	100 - 277V	200 - 277 V
Warranty	5 Year	3 Year	5 Year	5 Year	Limited Lifetime	Limited Lifetime	3 Year
Thermal Management	Passive	Fan	Fan	Passive	Passive	Passive	Passive
Cerifications	ETL, CE	ETL	UL, CE	DLC, FCC, CSA, IC, IP65	ETL, CE, FCC, RoHS	ETL, CE, FCC, RoHS	IP65
Controller Compatible	Yes	No	Yes	Yes	No	No	No
Price per Watt	$ 1.22	$ 1.18	$ 2.12	$ 1.60	$ 2.59	$ 1.90	$ 1.77
Price per Unit of Light Output (µmol/s)	$ 0.45	$ 1.18	$ 0.94	$ 0.55	$ 1.19	$ 1.25	$ 1.59
							
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