



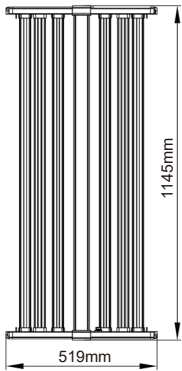
CG1 480 / CG1 820

COMMERCIAL INDOOR CANNABIS
LED LIGHTING SOLUTION

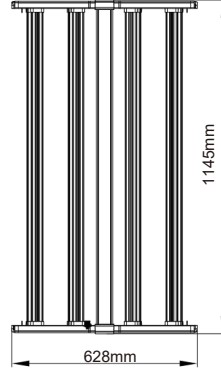
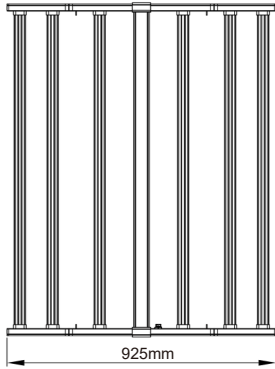


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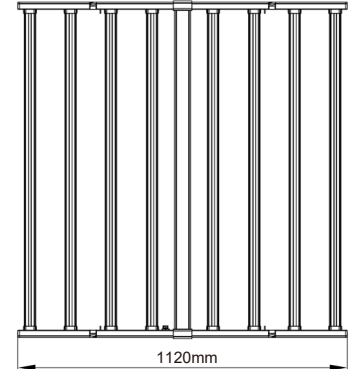
DIMENSIONS



CG1 480



CG1 820



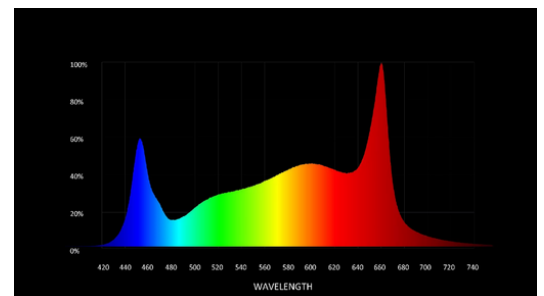
SPECIFICATIONS

Model	CG1 480	CG1 820
Input Wattage	480W	820W
PPF (Light output $\pm 5\%$)	1200 $\mu\text{mol/s}$	2400 $\mu\text{mol/s}$
PAR Efficacy	2.66 $\mu\text{mol/J}$	2.9 $\mu\text{mol/J}$
Input Voltage	AC120-347V 50/60Hz	AC347V 50/60Hz
Dimming Control	0-10V	
Network Port Type	RJ12	
Power Factor	>0.95	
Beam Angle	1200	
Thermal Management	Passive Cooling	
Mounting Height	$\geq 24"$ (60cm) Above Plant Canopy	
Warranty Lifetime	5 year Q90>36,000hrs	
Certifications	DLC / ETL(UL8800 Standard) / CE / RoHS	
Water Proof Rating	Wet location	
Working Temperature	14 ~ 122 F (-10 ~ 50 C)	
Dimensions Weight	LED Lamp: 43.8" L x 44.8" W x 1.89" H 15.1lb	
AC Power Cord Length	220-277V 6ft (2m)	

CG1 480



CG1 820



CG1 480 / CG1 820

PPFD MAP

157	271	332	369	357	345	357	343	275	166
301	593	745	751	696	703	725	760	602	322
418	876	1085	1052	979	983	1055	1078	861	435
439	874	1118	1096	1028	1030	1105	1108	877	457
454	850	1069	1062	1000	998	1061	1064	840	446
454	853	1073	1065	1006	1030	1070	1062	843	440
476	850	1123	1100	1035	1040	1114	1119	853	453
452	867	1073	1048	978	989	1067	1084	847	435
305	592	750	741	692	711	759	750	585	320
158	281	341	332	326	341	346	334	261	151

CG1 820 Par Chart | 10" Hanging Height | 5' x 5' Area
Measured by EVERFINE PLA-30 PAR Light Meter

192	277	357	414	435	445	421	365	290	198
280	437	571	656	700	698	660	583	448	299
358	568	747	857	908	917	874	765	590	378
397	630	824	944	996	998	947	823	626	399
410	636	835	957	1012	1011	959	880	642	418
418	639	831	955	1010	1009	955	830	636	412
402	625	816	934	986	989	938	815	623	401
363	561	728	835	889	886	841	735	558	358
276	421	547	622	657	666	630	548	418	276
183	266	339	390	416	415	397	344	266	183

CG1 820 Par Chart | 15" Hanging Height | 5' x 5' Area
Measured by EVERFINE PLA-30 PAR Light Meter

203	276	344	389	423	433	405	359	300	225
266	377	472	547	584	590	561	501	409	290
328	460	585	678	724	727	695	618	502	369
366	512	651	753	800	802	764	672	537	392
377	533	676	780	831	833	790	697	556	408
376	532	670	775	827	831	787	697	559	408
359	505	639	735	786	791	746	659	534	390
319	444	562	651	696	702	663	586	477	346
259	359	451	518	559	559	531	468	376	281
194	262	321	367	399	394	374	331	270	221

CG1 820 Par Chart | 20" Hanging Height | 5' x 5' Area
Measured by EVERFINE PLA-30 PAR Light Meter

202	242	284	311	330	329	319	289	253	202
239	294	341	380	401	404	387	356	309	225
275	336	392	438	466	469	451	410	355	292
304	374	440	488	510	515	491	443	381	309
313	389	455	508	534	534	510	462	396	322
312	385	454	503	513	530	507	461	392	321
297	368	429	477	501	502	482	438	376	309
268	333	388	434	454	452	434	394	341	279
232	285	334	367	386	387	368	337	291	240
190	233	269	296	314	309	296	271	237	198

CG1 820 Par Chart | 30" Hanging Height | 5' x 5' Area
Measured by EVERFINE PLA-30 PAR Light Meter

CG1 480 / CG1 820

PACKAGING INFORMATION

Model	Carton Size	N.W per lamp	G.W per carton	Quantity / Carton
CG1 480	595*135*1200mm	6.87Kg / 15.1lb	10.0Kg / 22.0lb	1 PCS
CG1 820	690*130*1195mm	8.00Kg / 17.64lb	11.1Kg / 24.47lb	1 PCS

①	The LED Grow Light
②	EPE(A)
③	EPE(B)
④	The carton box
⑤	The manual

