









# VG-1000-1

### **LED GROW LIGHT 10 Bars**

Absolute market leading, PPF 2700 µmol/s









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## Spectral Distribution spectrum 1.1 1.0 0.9 0.8 0.7 0.6 0.5 0.4 0.3 Relative Spd wavelength (nm)

#### Description

The VG-1000-1 is a high efficency full spectrum lighting solution for indoor cannabis cultivation with the high yields performance.











Model No.	VG-1000-1			
Light Source	Samsung / Osram / Seoul			
Spectrum	Full Spectrum			
PPF	2700 μmol/s			
Efficacy	2.7 µmol/J			
Input Voltage	AC 100 ~ 277V			
Input Current	10.0A ~3.60A			
Frequency	50/60 Hz			
Input Power	1000W			
Fixture Dimensions	1165*1145*80 mm			
Weight	N.G12.2 kg/ G.W 14.83 kg			
Temperature Ambient	≤95°F/35°C			
Mounting Height	≥16"Above Canopy			
Thermal Management	Passive			
External Control signal	0-10v			
	0%/25%/50%/75%/			
Dimming Option	100%/ EXT			
Light Distribution	120°			
Lifetime	≥50,000hrs			
Power factor	≥0.95			
Waterproof Rate	IP65			
Warranty	5-years warranty			











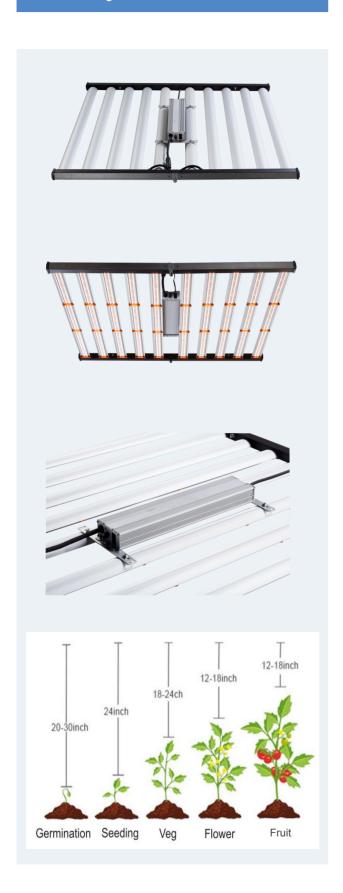








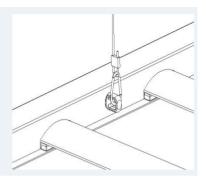
#### **Summary**



#### **Assembly Instructions**



Mounting the fixture with four lance hangers are securely snapped in the LED fixtures's four hooks



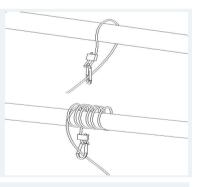


Use two people to lift the LED fixture to snap together or wrap the hangers to the strong enough support structures. And hang the four lance hangers to get a balanced LED fixture.





The steel rope can wrap more coils to adjust the LED fixture to get the proper height.





Another mounting way is shown as picture.

















#### PAR TEST DATA







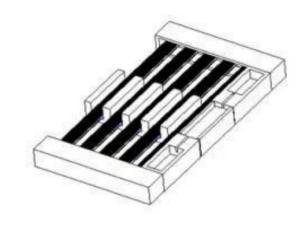
	imol/m²/s	umol/m²/s	umol/m²/s	umol/m²/s	umol/m²/s	sumol/m²/s	umol/m²/su	ım ol/m²/s	umol/m²/s	umol/m²/s	umol/m²/s	umol/m²/s	um ol/m²/	
12"	126	144	162	189	189	198	198	189	171	162	144	126	108	6*6ft
14"	138	156	184	212	239	239	248	221	212	184	156	138	120	
16"	142	160	205	231	267	276	276	276	258	240	205	169	142	
18"	158	176	220	255	290	299	308	299	290	264	229	194	158	
24"	189	215	258	292	335	353	361	344	335	301	258	224	181	
30"	224	249	292	318	353	378	396	378	361	327	292	249	215	
36"	252	269	302	328	361	470	386	378	370	344	302	269	235	
12" 14" 16" 18" 24" 30" 36"	144 166 178 194 232 267 286	180 193 214 246 275 301 370	243 285 294 326 344 370 361	315 350 356 387 576 421 403	324 386 436 466 482 482 445	324 405 445 466 490 507 470	324 423 463 502 525 525 479	333 396 436 475 507 499 470	297 359 436 458 482 482 462	252 304 356 396 430 447 412	207 239 285 317 353 370 370 4*4ft	153 184 223 264 292 310 311	126 138 178 194 224 258 277	4*6ft
12" 14" 16" 18" 24" 30" 36"	198 202 223 238 292 327 328	288 285 294 334 353 370 428	441 497 490 502 482 464 437	684 662 632 889 576 550 496	720 791 801 774 705 619 445	747 791 792 766 740 662 689	720 828 819 818 774 697 596	747 773 819 774 869 679 588	693 718 765 766 679 636 563	558 570 623 634 628 576 504	387 405 490 510 482 490 445	225 258 338 343 387 387 387 378	153 175 231 246 275 318 319	4 011
12" 14" 16" 18" 24" 30" 36"	243 248 267 290 335 378 370	423 386 409 431 439 447 479	882 764 739 713 636 568 512	1368 1196 1050 968 886 688 588	1521 1398 1273 1170 963 783 664	1575 1481 1344 1206 1015 851 706	1539 1481 1344 1267 1066 877 722	1539 1444 1317 1214 1041 834 706	1422 1352 1282 1188 963 808 672 2*2f	1197 1058 1068 959 834 714 605	702 681 757 739 662 593 529	315 386 454 466 490 464 428	180 221 285 299 335 378 361	
12"	279	495	1161	1827	2106	2160	2088	2133	1980	1611	936	324	207	
14"	285	478	984	1555	1895	2015	1978	1950	1849	1463	911	442	230	
16"	320	507	908	1362	1673	1780	1807	1780	1709	1397	970	552	329	
18"	308	519	845	1206	1505	1584	1663	1602	1505	1302	898	581	343	
24"	387	490	748	963	1161	1256	1316	1273	1187	1023	791	568	387	
30"	413	507	654	800	920	1006	1049	1023	955	843	688	533	413	
36"	412	479	580	722	764	815	840	815	773	689	588	479	395	
12"	297	522	1188	1953	2259	2313	2277	2304	2187	1782	1008	423	225	
14"	304	515	1067	1702	2061	2190	2162	2190	2042	1628	966	488	267	
16"	338	561	997	1495	1842	1967	2011	1994	1887	1584	1059	614	356	
18"	361	563	942	1355	1654	1795	1839	1822	1690	1434	1003	625	387	
24"	413	568	817	1084	1281	1402	1445	1410	1307	1135	860	619	430	
30"	447	550	714	877	955	1101	1144	1118	1041	920	748	568	439	
36"	420	504	613	748	823	882	907	890	840	748	622	512	420	
12"	306	549	1251	1980	2313	2385	2340	2358	2241	1836	1035	423	234	
14"	304	552	1076	1748	2107	2254	2263	2272	2116	1711	1049	497	267	
16"	338	561	1015	1549	1887	2038	2074	2056	1949	1620	1121	614	356	
18"	370	572	968	1399	1716	1874	1892	1874	1734	1470	1056	642	387	
24"	421	576	834	1101	1324	1453	1488	1471	1367	1161	894	636	430	
30"	447	559	722	894	1049	1144	1178	1161	1066	903	774	593	447	
36"	420	504	630	739	840	907	932	916	857	756	647	529	428	
12"	306	540	1206	1953	2259	2322	2268	2295	2205	1836	1026	432	225	
14"	294	524	1040	1684	2052	2190	2217	2217	2070	1647	1067	534	267	
16"	320	534	997	1504	1825	1967	2003	1976	1887	1575	1095	623	347	
18"	352	563	924	1346	1637	1778	1830	1813	1681	1434	1012	625	378	
24"	404	568	800	1058	1264	1393	1436	1402	1307	1127	869	619	421	
30"	421	533	697	869	1006	1101	1127	1127	1032	903	748	576	430	
36"	420	496	605	714	815	874	899	890	823	739	630	512	420	
12"	288	513	1116	1791	2079	2133	2052	2115	2052	1719	981	414	216	
14"	276	488	948	1536	1831	1941	1969	2042	1886	1564	920	460	258	
16"	294	490	881	1317	1620	1771	1807	1753	1682	1424	970	570	320	
18"	326	519	836	1214	1452	1514	1584	1619	1505	1276	924	581	352	
24"	370	507	722	929	1264	1238	1264	1247	1170	1006	791	550	396	
30"	387	490	628	774	912	998	1015	1015	929	817	679	542	413	
36"	420	437	605	647	739	798	815	815	756	613	580	479	395	
12"	252	423	837	1377	1575	1611	1512	1611	1539	1368	738	351	189	
14"	230	396	736	1113	1389	1481	1490	1573	1435	1251	810	451	221	
16"	258	401	676	997	1210	1362	1353	1317	1273	1032	757	472	285	
18"	273	422	651	959	1126	1241	1241	1267	1170	1056	730	475	299	
24"	310	421	593	757	894	989	1256	998	963	826	671	473	344	
30"	344	421	533	654	765	826	860	869	765	697	585	473	361	
36"	353	412	487	571	647	689	722	722	655	596	512	428	353	
12"	198	297	450	720	801	819	765	792	792	756	450	243	153	
14"	184	285	478	598	754	856	837	902	856	708	515	313	221	
16"	196	285	418	632	730	837	810	810	757	623	498	338	231	
18"	202	317	510	625	695	783	774	854	730	695	493	352	246	
24"	258	335	447	559	628	731	748	714	740	585	507	370	284	
30"	292	361	421	516	602	654	671	688	636	550	473	378	310	
36"	302	294	420	479	546	571	588	605	554	504	428	361	311	
12"	153	198	261	342	378	369	378	360	387	324	234	171	126	
14"	138	175	239	331	377	432	442	460	405	350	304	212	166	
16"	151	196	258	356	383	427	436	427	436	347	294	240	205	
18"	158	211	273	405	396	475	458	528	458	431	317	246	229	
24"	206	241	310	378	421	490	507	516	499	413	353	267	224	
30"	241	275	370	387	439	516	533	507	464	404	378	301	249	
36"	252	294	336	378	521	454	479	487	445	395	361	311	260	
12"	126	153	171	198	225	207	207	198	225	189	153	126	108	
14"	110	129	166	212	193	258	248	267	239	202	184	138	120	
16"	116	134	151	214	276	267	267	267	240	205	187	160	134	
18"	123	141	176	220	326	255	299	326	273	238	211	176	141	
24"	155	172	198	232	284	327	353	361	327	275	241	198	181	
30"	189	198	267	284	301	378	387	396	335	301	267	232	198	
36"	202	227	319	302	344	378	386	403	336	294	294	252	218	
		put 277 V					ut 10557W		0.98A					

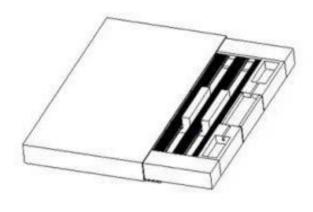
Voltage Input 277 V, Current Input:3.869 A, Power Input:0557W, PF=0.98A;
Average 4\*4ft PPFD of 12"=1486; Average 4\*4ft PPFD of 14"=1391; Average 4\*4ft PPFD of 16"=1285;
Average 4\*4ft PPFD of 18"=1191; Average 4\*4ft PPFD of 24"=981; Average 4\*4ft PPFD of 30"=811;4\*4ft PPFD of 36"=679;

### **Packaging Information**

Carton Size	G.W/Carton	Quantity/Carton
1255*120*685 mm	14.83 kg	1 pcs









Any Questions & Any Needs, Please Contact Us

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