



VG-1000-2

LED GROW LIGHT 10 Bars

Absolute market leading, PPF 2700 $\mu\text{mol/s}$

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LED GROW LIGHT 10 BARS

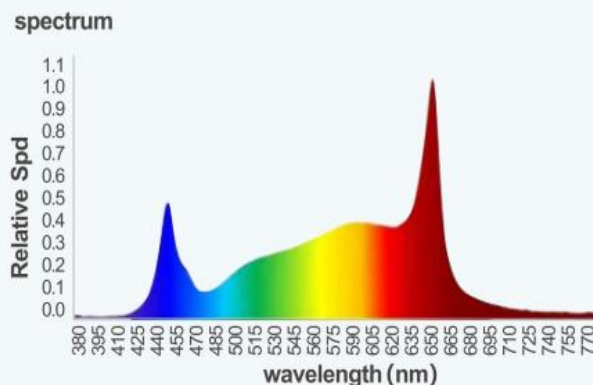
Absolute market leading, PPF 2700 $\mu\text{mol/s}$

Description

The VG-1000-2 is a high efficiency full spectrum lighting solution for indoor cannabis cultivation with the high yields performance.

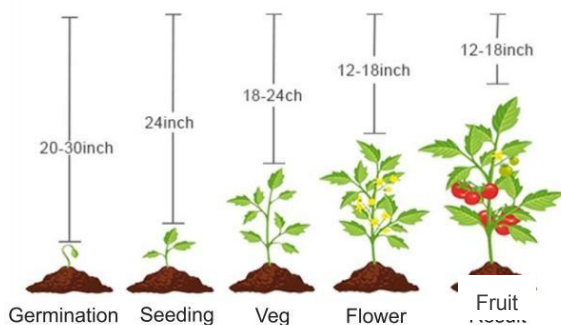


Spectral Distribution



Model No.	VG-1000-2
Light Source	Samsung / Osram / Seoul
Spectrum	Full Spectrum
PPF	2700 $\mu\text{mol/s}$
Efficacy	2.7 $\mu\text{mol/J}$
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.G 13.72 kg / G.W 15.86 kg
Temperature Ambient	$\leq 95^{\circ}\text{F}/35^{\circ}\text{C}$
Mounting Height	$\geq 16"$ Above Canopy
Thermal Management	Passive
External Control signal	0-10 V
Dimming Option	0%/25%/50%/75%/ 100%/ EXT
Light Distribution	120°
Lifetime	$\geq 50,000$ hrs
Power factor	≥ 0.95
Waterproof Rate	IP65
Warranty	5-years warranty

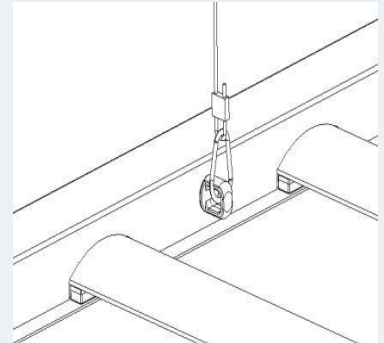
Summary



Assembly Instructions

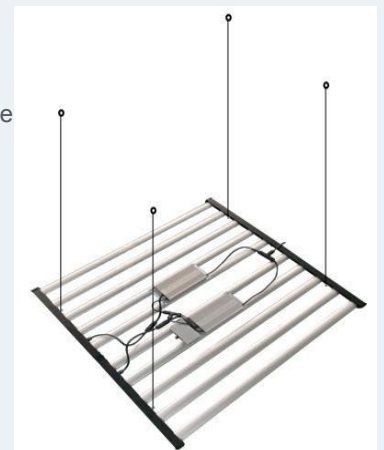
①

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



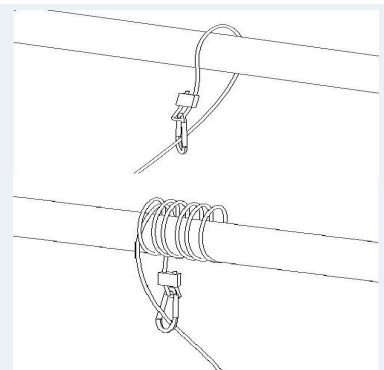
②

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.



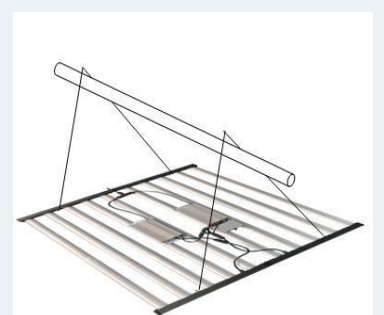
③

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



④

Another mounting way is shown as picture.





	umol/m ² /s													6*6ft
12"	116	134	151	169	178	178	178	178	169	151	134	116	107	
14"	126	144	171	189	207	207	216	198	189	171	144	126	108	
16"	130	146	186	211	243	251	251	235	219	186	154	130	130	
18"	150	176	202	229	255	264	264	246	238	202	176	150	123	
24"	174	200	235	270	287	305	313	305	261	244	209	165	148	
30"	206	224	258	284	327	353	344	335	310	284	241	206	181	
36"	244	252	277	302	328	344	344	336	311	286	252	218	193	
12"	142	178	231	267	320	303	276	276	276	240	187	142	116	
14"	153	189	261	306	333	333	351	342	324	279	216	171	126	
16"	162	194	267	324	397	405	421	397	397	324	259	203	162	
18"	185	229	290	370	405	431	431	396	370	317	246	194	150	
24"	218	261	331	383	444	444	435	435	392	339	278	218	183	
30"	241	284	344	378	456	473	456	439	413	353	310	249	198	
36"	269	302	344	378	420	428	428	412	378	353	302	260	218	
12"	178	249	445	534	632	659	623	650	570	507	347	214	142	
14"	198	297	468	594	693	666	711	666	693	522	360	234	162	
16"	203	267	446	575	729	721	745	745	697	567	446	308	211	
18"	246	317	458	581	686	695	730	686	625	493	387	264	185	
24"	278	339	452	539	609	653	670	635	574	479	392	287	226	
30"	301	353	439	499	585	602	611	593	542	464	396	310	249	
36"	319	361	420	470	512	529	538	521	479	420	361	302	260	
12"	223	374	810	1184	1388	1362	1291	1335	1264	1068	614	285	169	
14"	261	405	765	1107	1269	1278	1260	1215	1170	954	594	324	198	
16"	243	373	672	956	1158	1223	1223	1199	1166	972	689	413	259	
18"	299	440	704	906	1082	1100	1126	1030	977	792	563	343	238	
24"	339	426	609	740	853	905	905	870	792	644	522	357	270	
30"	361	421	533	636	748	774	783	740	688	576	473	370	292	
36"	361	420	496	554	613	638	638	613	571	496	428	353	294	
12"	258	472	1068	1638	1851	1851	1762	1789	1709	1397	801	347	196	
14"	297	513	1017	1476	1683	1710	1674	1647	1557	1260	765	396	225	
16"	292	462	826	1239	1523	1620	1644	1620	1555	1272	883	502	300	
18"	352	537	871	1170	1373	1426	1426	1382	1276	1012	695	414	273	
24"	392	522	740	914	1061	1140	1131	1088	966	809	609	435	305	
30"	404	490	636	748	860	920	920	886	800	679	550	413	318	
36"	403	470	554	630	697	731	739	714	630	571	479	395	319	
12"	267	507	1157	1744	1976	2003	1914	1949	1833	1513	863	383	214	
14"	315	558	1080	1593	1827	1890	1845	1818	1674	1359	828	414	243	
16"	308	510	907	1361	1677	1790	1831	1814	1717	1442	964	559	324	
18"	378	590	968	1320	1540	1610	1610	1549	1426	1135	774	466	290	
24"	418	574	818	1053	1192	1270	1279	1218	1105	922	687	470	348	
30"	430	525	697	825	929	1006	1015	972	877	748	593	447	344	
36"	420	504	605	689	756	798	798	773	706	622	512	420	344	
12"	267	507	1157	1780	2011	2056	1976	2011	1896	1531	890	401	214	
14"	324	576	1107	1629	1863	1935	1908	1890	1737	1395	855	450	243	
16"	308	510	923	1409	1717	1855	1887	1871	1774	1474	1021	559	324	
18"	396	607	1003	1346	1584	1672	1672	1619	1470	1179	810	475	299	
24"	435	609	853	1079	1244	1322	1331	1279	1157	966	713	487	339	
30"	439	542	722	869	980	1049	1049	1006	912	774	619	464	361	
36"	428	512	613	714	781	823	832	798	731	630	529	428	353	
12"	267	507	1095	1744	1958	2003	1949	1976	1851	1513	881	401	214	
14"	315	567	1089	1593	1836	1881	1854	1836	1692	1377	882	459	243	
16"	292	486	907	1369	1661	1790	1823	1798	1717	1434	996	567	316	
18"	387	607	968	1311	1549	1628	1619	1610	1417	1170	801	484	299	
24"	418	600	827	1053	1218	1288	1296	1235	1140	948	705	487	339	
30"	421	542	714	860	955	1006	1015	972	886	757	611	464	353	
36"	420	504	605	697	764	806	806	781	714	622	529	428	344	
12"	258	472	1068	1638	1833	1869	1816	1851	1744	1442	846	383	205	
14"	306	531	999	1467	1692	1710	1692	1710	1575	1287	810	423	234	
16"	267	446	802	1199	1474	1612	1644	1596	1531	1296	883	518	292	
18"	361	546	889	1197	1408	1478	1452	1443	1311	1082	739	449	282	
24"	392	557	757	992	1105	1183	1183	1122	1061	887	670	452	322	
30"	396	516	662	791	869	920	929	894	817	705	568	439	327	
36"	403	479	554	647	714	756	748	722	680	588	496	403	336	
12"	223	401	908	1371	1477	1513	1522	1531	1424	1184	712	320	187	
14"	270	441	810	1179	1386	1350	1260	1413	1314	1044	684	360	207	
16"	235	365	616	907	1102	1239	1231	1199	1158	940	689	429	259	
18"	317	475	730	994	1126	1232	1153	1197	1056	898	616	387	255	
24"	348	487	653	844	940	983	974	931	879	757	548	400	287	
30"	370	464	585	688	757	800	774	765	705	611	499	387	301	
36"	178	294	552	801	801	881	926	908	881	721	463	249	151	
14"	216	342	549	801	873	792	801	909	855	657	450	270	171	
16"	178	259	381	575	664	761	737	737	689	567	454	308	211	
18"	246	361	493	713	766	845	810	854	730	634	449	308	202	
24"	287	400	496	618	679	740	713	687	661	583	435	322	235	
30"	318	387	482	550	602	636	628	593	568	499	413	318	258	
36"	319	370	437	487	538	563	554	538	512	445	378	311	269	
12"	142	205	294	383	338	409	463	436	392	338	258	169	125	
14"	171	234	324	414	450	396	396	486	450	351	261	189	135	
16"	138	178	235	324	348	389	397	389	397	316	267	219	186	
18"	202	255	326	431	458	519	458	510	440	414	273	229	158	
24"	226	287	357	426	487	513	505	479	461	392	322	235	191	
30"	267	310	370	404	456	473	482	456	439	378	318	249	215	
36"	269	311	353	386	454	454	462	437	412	361	311	252	227	
12"	116	142	178	223	187	223	258	249	223	178	151	116	107	
14"	135	162	198	234	252	225	225	288	270	198	171	135	108	
16"	105	122	138	194	251	243	243	243	219	186	170	146	122	
18"	158	185	211	264	290	299	282	326	264	229	176	158	123	
24"	183	209	252	296	331	348	339	331	322	261	209	174	148	
30"	215	241	275	301	335	353	361	361	327	284	232	206	163	
36"	218	244	286	302	344	361	386	361	336	286	252	218	185	

Voltage Input 277 V, Current Input:3.725 A, Power Input 996.7W, PF=0.96A ;

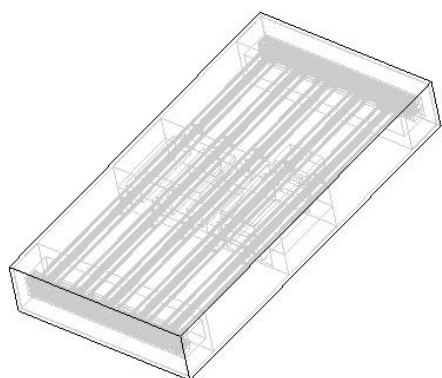
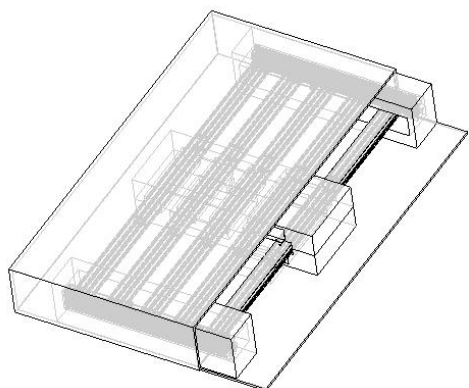
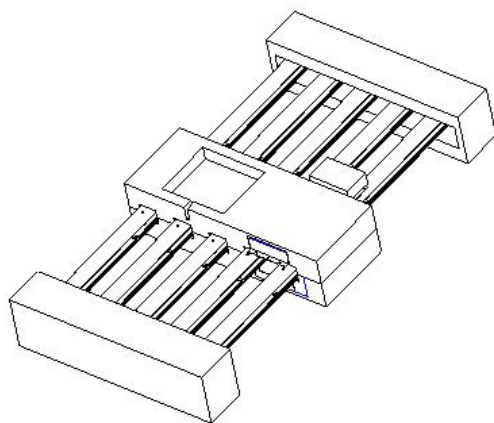
Average 4*4ft PPFD of 12"=1322; Average 4*4ft PPFD of 14"=1236; Average 4*4ft PPFD of 16"=1169;

Average 4*4ft PPFD of 18"=1073;Average 4*4ft PPFD of 24"=884;Average 4*4ft PPFD of 30"=733;4*4ft PPFD of 36"=613;

Packaging Information



Carton Size	G.W/Carton	Quantity/Carton
1225*180*670MM	15.86 kg	1 pcs



Any Questions & Any Needs, Please Contact Us



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