



VG-650

LED GROW LIGHT 6 Bars

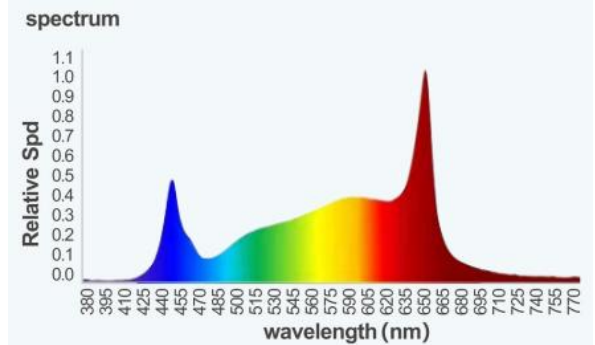
High-yield Indoor Cannabis Veg+flowering LED Lighting Solution

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High-yield Indoor Cannabis Veg+flowering LED Lighting Solution

Spectral Distribution



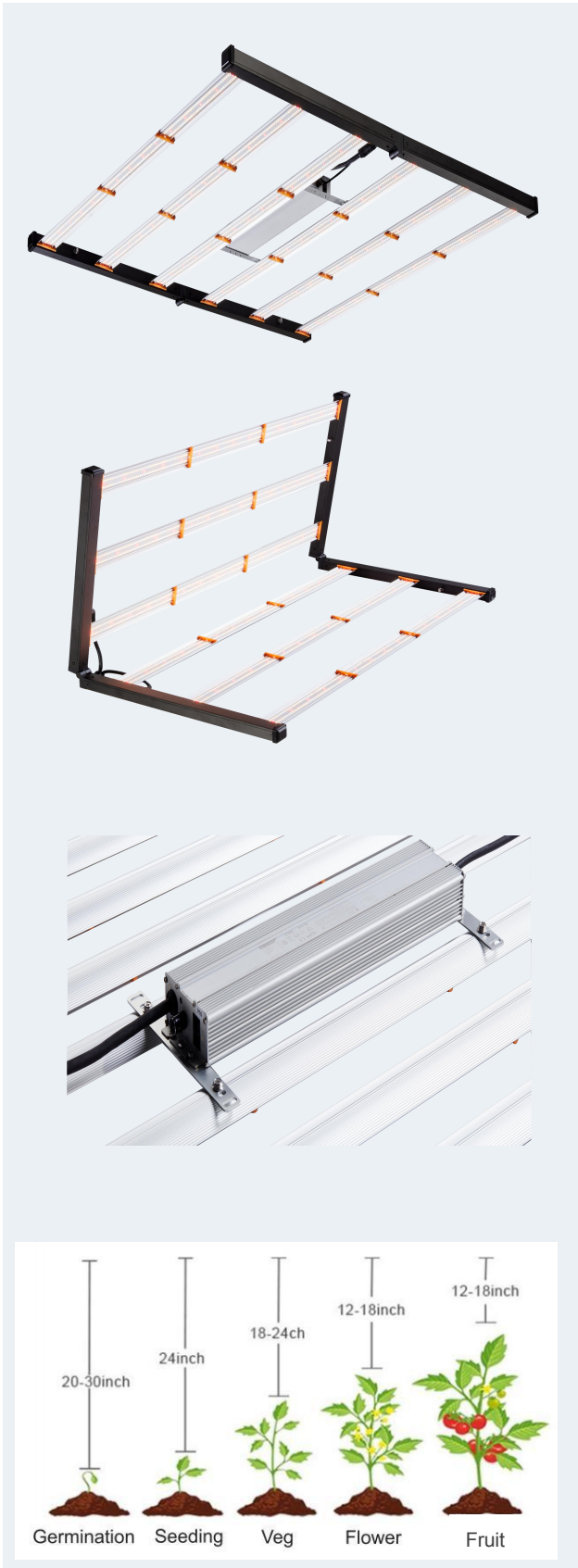
Description

This model is a high efficiency FULL spectrum lighting solution for indoor cannabis cultivation with the high yield performance.



Model No.	VG-650-1
Light Source	Samsung / Osram / Seoul
Spectrum	Full Spectrum
PPF	1690 $\mu\text{mol/s}$
Efficacy	2.6 $\mu\text{mol/J}$
Input Voltage	AC100 ~ 277V
Input Current	6.5 A ~ 2.35 A
Frequency	50/60 Hz
Input Power	650 W
Fixture Dimensions	1165*1145*80 mm
Weight	N.G 9.62 kg/ G.W 12.18 kg
Temperature Ambient	95°F/35°C
Mounting Height	$\geq 12"$ 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

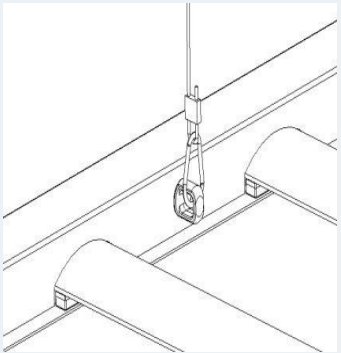
Summary



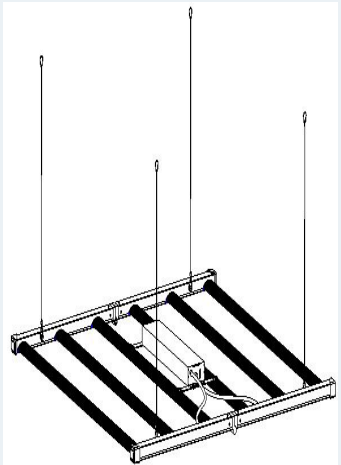
Assembly Instructions

- 1**

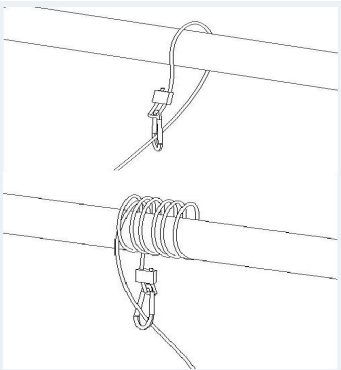
Mounting the fixture with four lance hangers are securely snapped in the LED fixtures' s four hooks,


- 2**

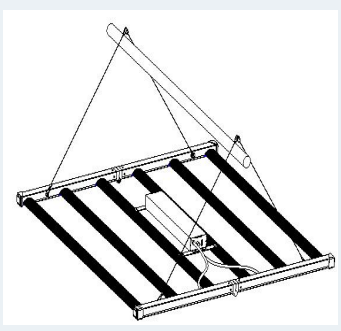
Use two people to lift the LED fixture to snap together or wrap the hangers to the strong enough support structures. And hang the four lance hangers to get a balanced LED fixture.


- 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.



PAR TEST DATA

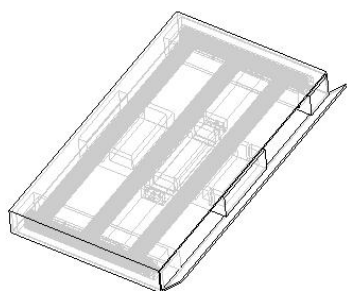
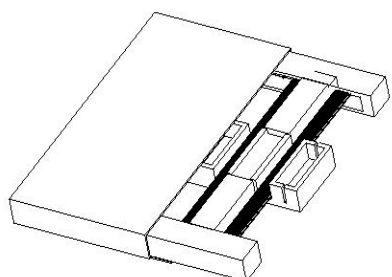
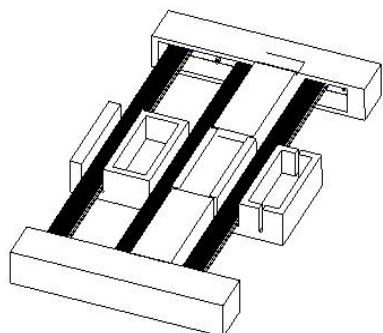
	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$	$\mu\text{mol/m}^2/\text{s}$
	6*6ft												
12"	99	109	129	149	158	158	158	158	139	129	109	99	79
14"	108	118	147	167	186	186	186	176	157	137	118	98	88
16"	116	136	184	184	204	194	194	184	175	155	126	107	87
18"	126	146	175	194	213	223	223	213	184	165	136	116	97
24"	150	169	197	226	244	263	254	235	226	197	169	141	113
12"	109	139	208	248	267	267	277	267	139	198	158	109	89
14"	127	167	225	284	323	304	304	294	255	225	167	127	98
16"	136	184	243	281	320	330	320	310	281	243	184	146	107
18"	155	194	252	310	349	349	349	340	301	262	213	155	116
24"	179	216	263	320	357	367	367	338	320	291	226	179	141
	4*4ft						4*6ft						
12"	139	208	376	574	604	614	584	594	485	455	317	168	109
14"	167	235	392	539	617	617	637	608	539	451	333	186	127
16"	175	252	407	514	592	601	592	572	543	417	330	204	126
18"	194	262	398	504	582	601	592	563	514	437	320	213	146
24"	216	282	367	451	508	536	545	498	470	385	310	235	179
12"	178	277	653	990	1129	1198	1168	1129	1040	881	545	248	139
14"	206	314	657	911	990	1049	1019	1019	921	764	529	265	157
16"	223	340	572	786	902	960	951	892	815	679	485	272	165
18"	233	340	553	728	834	892	902	854	757	650	456	291	184
24"	263	338	470	583	686	724	724	667	602	526	404	291	207
	2*2ft												
12"	198	347	812	1198	1366	1436	1426	1396	1287	1099	663	287	158
14"	235	382	745	1078	1245	1303	1303	1264	1156	970	657	314	176
16"	252	398	708	970	1135	1183	1213	1135	1048	873	592	330	194
18"	262	427	669	892	1038	1125	1125	1067	970	795	563	349	204
24"	301	404	545	696	790	865	865	827	743	639	479	338	235
12"	208	356	832	1247	1436	1505	1505	1465	1376	1168	693	297	158
14"	245	412	804	1137	1323	1392	1401	1362	1254	1049	686	333	196
16"	252	417	757	1038	1213	1280	1310	1242	1145	951	640	349	204
18"	291	437	718	970	1125	1203	1222	1174	1067	873	611	359	223
24"	310	423	592	752	874	931	940	902	818	696	526	367	254
12"	218	376	832	1257	1445	1515	1525	1465	1396	1188	713	287	158
14"	245	421	804	1147	1343	1411	1411	1372	1264	1049	686	343	186
16"	272	427	766	1057	1232	1300	1319	1271	1164	960	640	359	204
18"	291	456	728	980	1135	1213	1232	1183	1086	902	631	369	223
24"	310	423	592	761	884	940	949	921	837	696	526	367	254
12"	218	366	832	1238	1406	1465	1465	1416	1346	1139	703	297	158
14"	245	402	794	1098	1274	1343	1343	1303	1205	1029	647	323	176
16"	262	427	737	999	1174	1242	1242	1232	1116	941	640	349	204
18"	272	427	689	922	1077	1154	1164	1116	1038	854	621	369	223
24"	301	414	564	714	827	893	902	874	799	667	508	357	244
12"	198	337	733	1099	1267	1297	1287	1267	1247	1059	624	277	149
14"	225	372	725	980	1107	1176	1186	1137	1068	921	578	294	167
16"	233	378	660	854	999	1038	1067	1086	999	825	563	320	184
18"	243	378	592	805	912	989	1009	960	922	766	543	330	194
24"	263	367	498	620	724	771	790	771	696	592	451	320	226
12"	168	277	515	743	832	891	891	861	792	673	436	208	119
14"	176	284	510	676	764	853	853	784	735	637	412	225	137
16"	194	301	495	601	698	737	757	834	737	631	446	252	155
18"	204	310	456	611	669	728	737	718	698	592	407	262	175
24"	226	310	404	479	564	602	611	602	573	470	367	273	197
12"	129	178	277	376	465	455	475	485	386	317	228	139	99
14"	147	206	284	382	412	451	470	402	392	333	235	147	108
16"	155	213	310	369	388	427	427	514	456	398	272	184	126
18"	165	223	291	378	437	466	456	446	446	340	272	175	126
24"	179	235	291	357	414	432	432	451	414	348	282	207	160
12"	99	119	158	198	228	257	248	248	178	158	119	99	79
14"	108	137	176	206	206	216	216	216	206	176	147	108	88
16"	116	155	194	194	233	243	233	301	281	233	184	146	107
18"	116	155	194	233	262	272	272	262	272	204	165	126	97
24"	141	169	207	244	273	291	291	338	273	244	197	160	122
12"	99	119	158	198	228	257	248	248	178	158	119	99	79
14"	88	98	118	127	127	147	137	127	118	108	98	78	69
16"	87	116	136	126	136	146	146	194	184	165	126	107	87
18"	87	107	136	146	155	175	175	175	165	126	107	87	78
24"	113	122	141	160	179	197	197	244	188	160	141	113	94

Voltage Input 277 V, Current Input:2.429 A, Power Input 655W, PF=0.97A ;
 Average 4*4ft PPFD of 12"=958; Average 4*4ft PPFD of 14"=885; Average 4*4ft PPFD of 16"=823;
 Average 4*4ft PPFD of 18"=774; Average 4*4ft PPFD of 24"=627;

Packaging Information



Carton Size	G.W./Carton	Quantity/Carton
1255*120*685mm	12.18 kg	1 pcs



Any Questions & Any Needs, Please Contact Us

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