



VA-630

630W TOPLIGHTING

Greenhouse Supplemental Lighting & Indoor High Ceiling Cultivation

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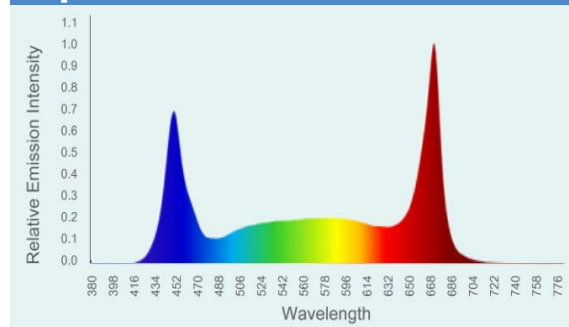
Greenhouse Supplemental Lighting & Indoor High Ceiling Cultivation

Description

The low shadow profile design of the VA-630 LED allows it to perform with a minimal shadow footprint making it the ultimate choice in greenhouses as well as advanced contiguous Light Deprivation Greenhouses.



Spectral Distribution



Model No.	VA-630
Light Source	Samsung / Osram / Seoul
Spectrum	Full Spectrum
PPF	1638 $\mu\text{mol/s}$
Efficacy	2.6 $\mu\text{mol/J}$
Input Voltage	AC 100 ~ 277V
Input Current	6.3A ~ 2.27A
Frequency	50/60 Hz
Input Power	630W
Fixture Dimensions	978*152*161MM
Weight	N.G 9.3kg/ G.W 9.9kg
Temperature Ambient	$\leq 95^{\circ}\text{F}/35^{\circ}\text{C}$
Mounting Height	$\geq 16"$ Above Canopy
Thermal Management	Passive
External Control signal	0-10v
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

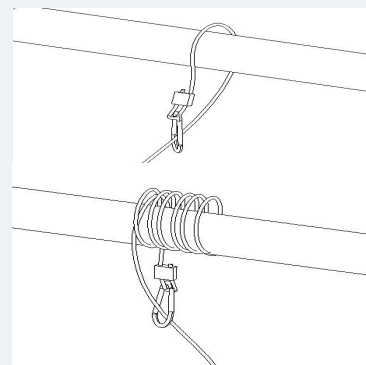
Summary



Assembly Instructions

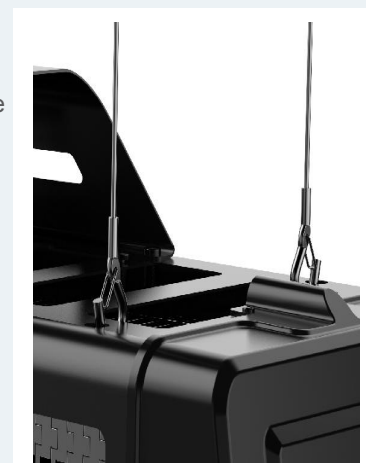
1

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.



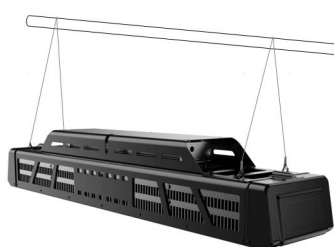
3

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



4

The product hanging diagram.



PAR TEST DATA

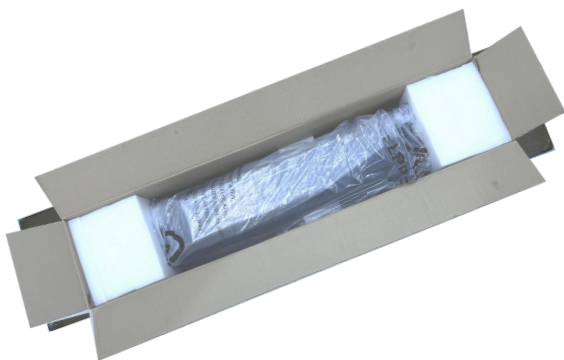
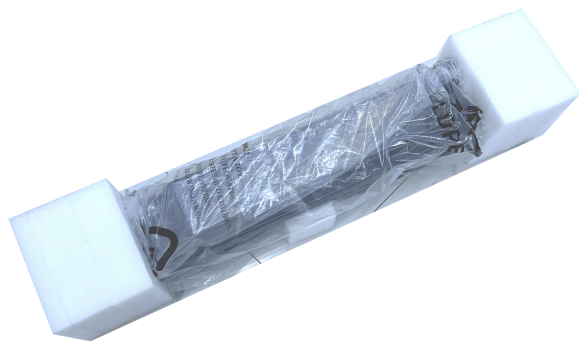
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24"	76	91	114	144	174	193	202	199	171	142	110	87	66
30"	99	112	139	166	193	212	225	217	193	164	136	112	91
36"	117	128	149	170	196	220	226	217	200	173	151	126	109
42"	127	135	151	173	196	211	216	208	200	182	157	137	124
24"	90	112	148	197	263	295	334	292	260	198	147	113	84
30"	114	133	172	213	268	299	315	299	262	209	170	138	109
36"	131	146	176	206	241	274	283	271	249	214	173	147	122
42"	135	154	175	201	232	260	259	248	234	208	181	154	134
24"	107	142	196	260	377	450	529	456	368	280	198	143	103
30"	135	160	208	271	344	413	434	398	338	272	213	161	130
36"	148	171	214	254	300	343	357	339	305	260	212	173	139
42"	149	172	199	232	270	298	305	298	274	242	205	175	151
24"	125	169	242	349	502	691	749	663	506	350	250	174	122
30"	153	188	252	331	442	532	575	524	425	331	255	192	148
36"	165	194	245	299	366	414	442	412	364	306	246	197	158
42"	165	191	225	267	312	343	358	344	315	272	232	194	167
24"	138	191	283	426	633	839	923	843	648	436	297	199	139
30"	167	211	288	388	518	642	685	642	520	403	295	217	163
36"	181	213	271	342	422	487	501	486	420	345	276	216	170
42"	179	208	250	299	348	390	399	390	352	303	255	209	176
24"	147	204	309	475	706	929	1025	938	739	496	324	211	148
30"	176	224	311	429	575	716	759	717	594	445	327	230	173
36"	187	227	289	368	456	533	555	531	470	378	294	227	181
42"	183	217	267	320	376	419	433	421	381	326	271	223	183
24"	149	207	318	494	741	959	1047	970	758	516	334	223	149
30"	179	226	319	443	604	737	783	742	617	461	331	236	175
36"	185	230	295	379	475	550	573	555	482	388	301	231	183
42"	185	217	271	328	385	433	445	432	391	336	275	226	187
24"	145	201	307	464	703	913	993	931	726	497	319	217	143
30"	173	222	308	433	572	708	747	712	596	443	323	231	170
36"	180	222	287	367	459	527	552	536	467	377	295	229	179
42"	183	212	264	320	376	419	432	420	380	326	269	222	183
24"	134	188	277	398	613	795	879	807	642	443	293	194	127
30"	160	207	280	381	504	618	666	626	530	402	295	215	158
36"	170	208	266	336	418	479	498	477	422	343	276	216	168
42"	176	204	248	297	347	392	401	386	353	305	257	212	174
24"	115	155	229	330	476	644	696	647	494	362	251	171	113
30"	142	185	245	323	426	503	554	511	449	339	259	190	148
36"	157	192	239	294	360	413	424	408	368	308	244	193	158
42"	163	191	228	266	314	350	363	348	314	275	233	194	165
24"	94	126	176	251	363	452	504	457	374	271	194	134	94
30"	124	155	199	256	331	400	426	397	351	276	212	166	126
36"	138	169	200	249	300	349	355	344	305	254	213	164	140
42"	141	165	200	237	270	301	305	230	276	236	202	170	146
24"	78	99	137	189	238	292	323	307	249	187	137	100	74
30"	97	115	147	186	242	295	311	291	261	211	169	138	107
36"	120	140	158	198	240	279	272	271	239	201	169	139	119
42"	129	144	164	195	227	254	257	251	230	194	171	147	126
24"	60	74	91	115	143	175	205	201	168	123	105	67	54
30"	73	88	105	119	159	210	227	211	179	148	126	103	83
36"	99	113	125	152	179	214	219	210	186	164	133	113	97
42"	111	123	139	160	182	204	218	213	188	159	141	126	110

Voltage Input 277.2V, Current Input:2.359A, Power Input: 639.9W, PF=0.9785

Average 4*4ft PPFD of 24"=531 ; Average 4*4ft PPFD of 30"=450; Average 4*4ft PPFD of 36"=372; Average 4*4ft PPFD of 42"=316;

Packaging Information

Carton Size	G.W/Carton	Quantity/Carton
1050*230*220MM	9.9 kg	1 pcs



Any Questions & Any Needs, Please Contact Us



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