

LPC4

High-yield Indoor Cannabis LED Lighting Solution



LPC4 model is a high efficiency FULL spectrum top lighting solution for indoor cannabis cultivation with the high yield performance.

Designed for commercial scale planting environments which using CO²(1000ppm up).

With the optic lens easy to replace the CMH and HPS lamps.

Also it's ideal solution for home hobbyists.

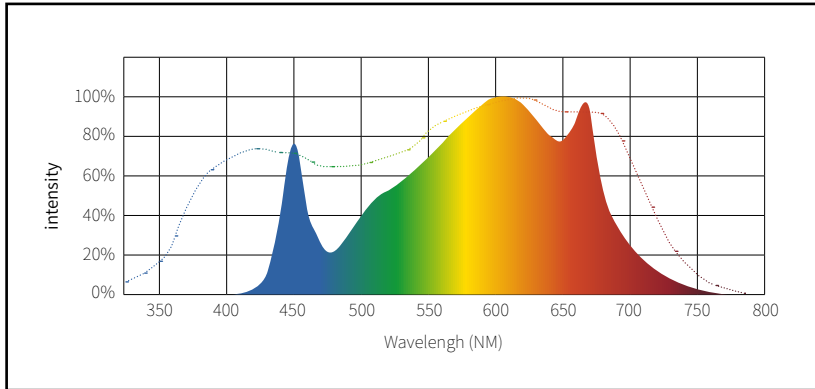
1200μmol/s



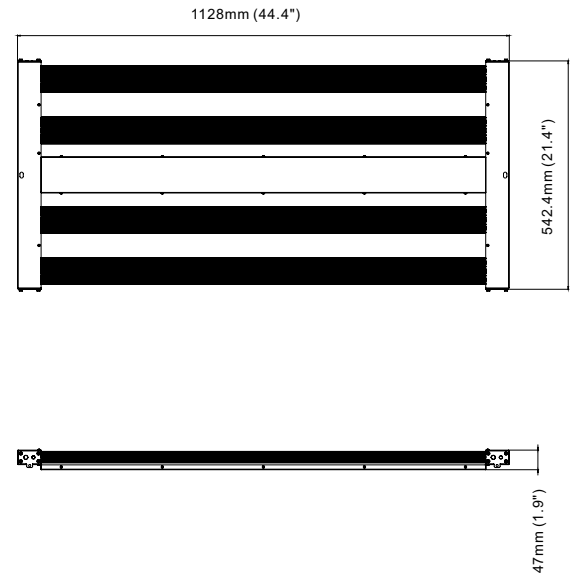
Luxgrow

LPC4

SPECTRAL DISTRIBUTION



DIMENSIONS



SPECIFICATIONS

Model	LPC4
Input Wattage	480W
PPF (Light output)	1200 μ mol/s
PAR Efficacy	2.5 μ mol/J
Input Voltage	AC100-277V 50/60Hz
Driver Brand	Sosen
Light Source	Samsung / OSRAM LEDs
Dimming	0-10V / PWM
Power Factor	>0.99
Material	6063Aluminum + Optics Lens Cover
Thermal Management	Passive Cooling
Mounting Height	$\geq 12"$ (30cm) Above Plant Canopy
Warranty Lifetime	5 year Q90>36,000hrs
Certifications	The DLC / UL8800 / ETL / CE /RoHS Standards
IP Rating	UL 1598, UL8800 – Wet location, CE-IP65 rated
Ambient Temperature	14 ~ 104 °F (-10 ~ 40 °C)
Dimensions Weight	44.4" L x 21.4" W x 2.3" H 22.9lb 1128mm L*524.4mm W*58mm H 10.4kg

OUT-OF-THE-BOX DESIGN



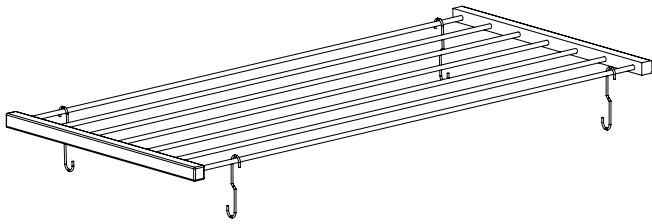
Unbox --- Hang up the fixture.

Luxgrow

ASSEMBLY INSTRUCTIONS

01

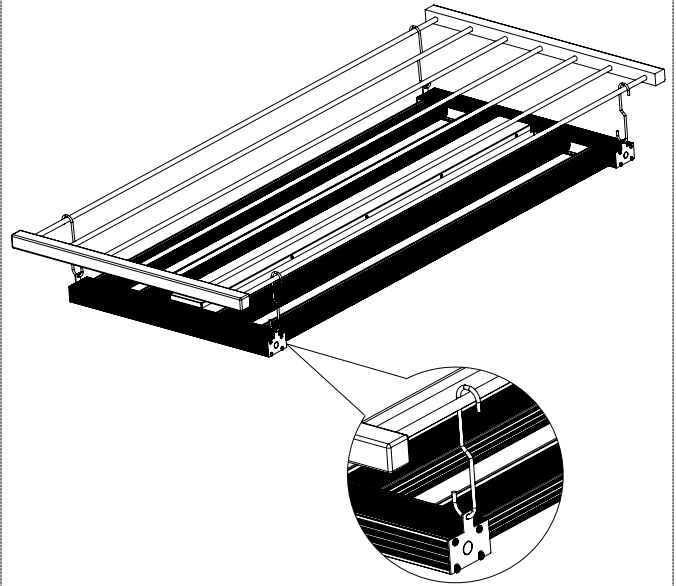
There are two ways to mount your LED grow light fixture: Short hook Suspending Mounting and Steel Chain Suspending Mounting (default).



Find out the short hooks from the package and hang them on the shelf.

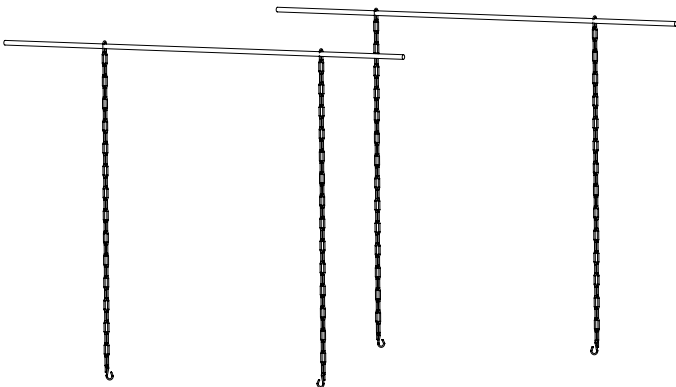
02

Then lift up the LED grow light fixture and hang it on the short hooks.



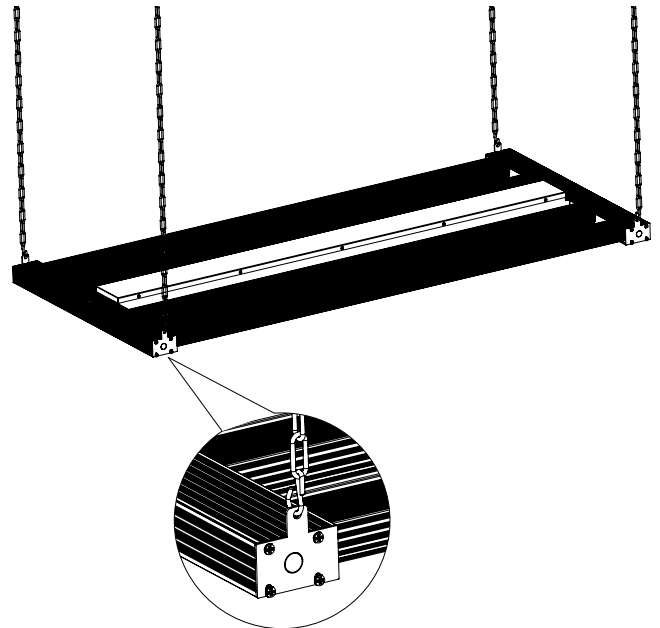
03

Find out the steel chain from the package and hang them on the ceiling.



04

Then lift up the LED grow light fixture and hang it on the steel chain.



LPC4

PPFD MAP

PPFD Value at 12"(30cm) Height - at 5'x5' Square Grid

67	81	147	240	323	333	332	234	110	72	64
78	113	192	354	456	477	487	326	150	92	83
89	142	271	578	748	724	752	477	198	110	94
102	158	365	815	1028	994	987	591	224	128	107
112	183	371	792	1154	1097	1107	654	257	140	117
87	158	335	784	1179	1148	1150	723	283	156	131
111	181	372	790	1155	1093	1102	653	255	137	116
101	154	366	813	1026	996	981	590	223	126	103
88	141	270	576	746	723	751	476	197	111	93
76	112	191	354	453	471	481	323	148	91	82
66	80	148	239	321	334	333	231	111	71	61

PPFD Value at 18"(45cm) Height - at 5'x5' Square Grid

104	124	200	301	384	406	395	286	184	129	126
116	156	256	413	489	508	481	376	228	152	142
124	190	325	516	638	675	622	460	268	178	154
137	208	356	638	798	824	757	544	313	227	179
144	211	394	708	890	940	850	632	360	217	189
135	219	367	702	921	961	865	649	362	217	193
141	210	394	706	887	936	851	633	361	214	188
138	209	354	632	796	821	755	543	310	226	176
123	186	324	515	636	674	621	456	266	175	152
113	155	255	412	488	506	480	375	226	151	141
103	122	199	300	384	403	396	284	181	123	121

PPFD Value at 24"(60cm) Height - at 5'x5' Square Grid

144	164	243	312	384	411	410	337	234	174	172
156	191	263	383	471	481	469	400	291	208	190
160	226	326	457	560	608	568	467	330	232	213
167	231	331	505	650	697	649	522	354	251	220
194	224	351	548	689	753	685	555	374	249	238
169	209	330	509	673	767	721	585	394	243	239
193	221	350	546	688	752	684	549	376	250	236
166	230	330	501	647	696	646	521	351	250	221
158	223	325	458	557	606	567	466	328	231	211
155	190	261	382	470	479	466	397	290	206	189
143	163	242	311	383	410	409	335	233	172	171

PPFD Value at 36"(90cm) Height - at 5'x5' Square Grid

212	233	281	327	366	339	361	321	265	224	204
243	264	315	381	417	391	394	350	289	241	227
250	284	338	390	430	437	422	375	302	255	252
238	285	339	408	451	470	440	390	312	266	255
237	249	329	399	472	487	467	408	328	256	255
240	243	320	403	463	497	470	420	344	256	264
236	245	326	398	471	488	466	406	327	254	254
236	284	337	406	450	471	438	386	311	264	253
248	282	337	386	426	436	421	373	301	245	251
241	261	313	382	416	390	392	346	287	238	221
211	231	283	326	364	337	360	321	264	223	206

LPC4

PPFD MAP

PPFD Value at 48"(120cm) Height - at 5'x5' Square Grid

230	242	271	302	319	276	317	300	267	245	245
250	266	290	324	346	319	334	313	281	258	250
267	278	302	325	342	348	316	287	289	266	266
255	273	298	325	345	360	349	329	294	272	269
238	242	285	320	355	368	357	333	306	261	273
228	228	282	319	349	365	361	330	304	251	261
236	241	283	318	352	367	356	321	305	260	271
251	371	296	323	344	356	346	327	294	271	266
266	276	301	324	341	347	315	288	287	266	265
249	265	291	325	345	317	333	312	280	256	248
228	241	270	301	318	276	316	299	266	243	244

PACKAGING INFORMATION

Model	Carton Size	G.W / Carton	Quantity / Carton
LSC4 / LPC4	1190*615*165mm	26Kg / 57.3lb	2 PCS
LSC7 / LPC7	1190*615*165mm	22.3Kg / 49.2lb	1 PCS
LSC9 / LPC9	1190*615*165mm	25.5Kg / 56.2lb	1 PCS

