

LPC9

Commercial Indoor Cannabis LED Lighting Solution



LPC9 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 MH and HPS lamps.

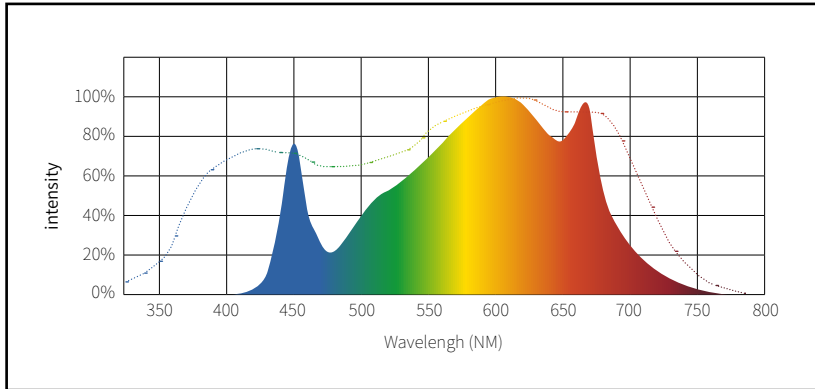
2400μmol/s



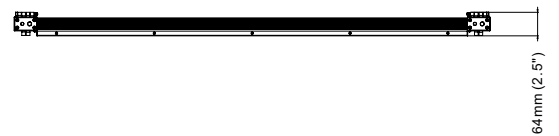
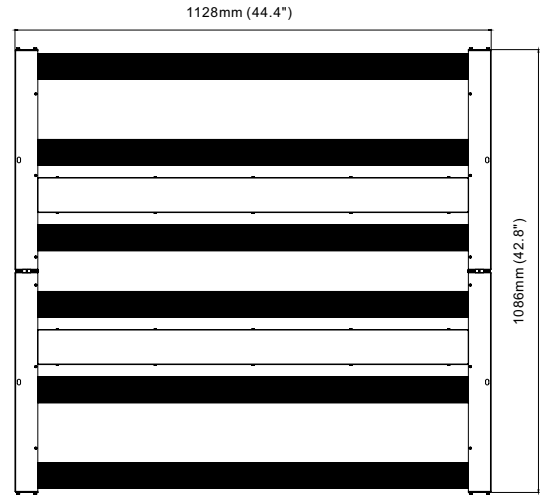
Luxgrow

LPC9

SPECTRAL DISTRIBUTION



DIMENSIONS



SPECIFICATIONS

Model	LPC9
Input Wattage	960W
PPF (Light output)	2400 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 42.8" W x 2.3" H 38.8lb 1128mm L*1086mm W*58mm H 17.6kg

ONE-MINUTE-QUICK-INSTALL



Unbox --- Unfold ---- Hang up the fixture

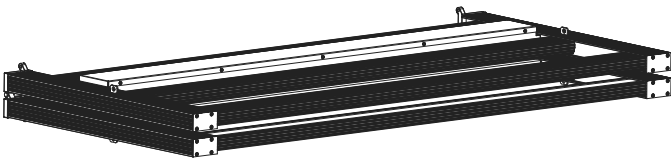
Luxgrow

LPC9

ASSEMBLY INSTRUCTIONS

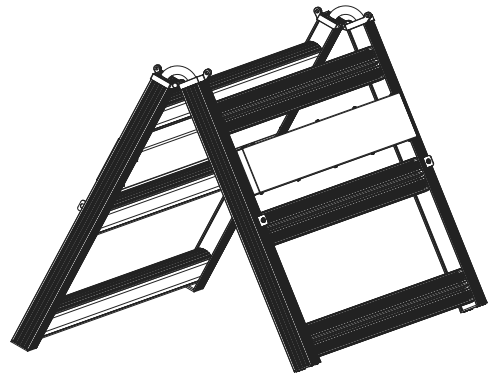
01

Open the package and take out the LED grow light and place it on the table.



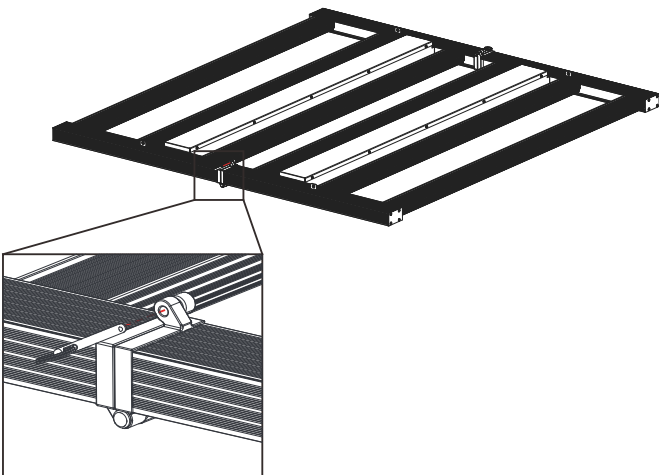
02

Unfold the LED grow light module and make sure the light output surface toward the table.



03

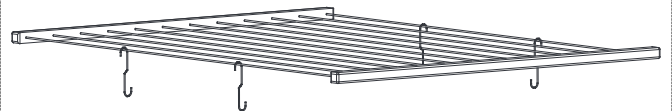
Take out the lock-shaft and lock the attachable end cap.



04

There are two ways to mount your LED grow light fixture: Suspending Mounting(default) and Surface Mounting.

This is the Surface Mounting way: Using the long hooks to hang on the shelf.

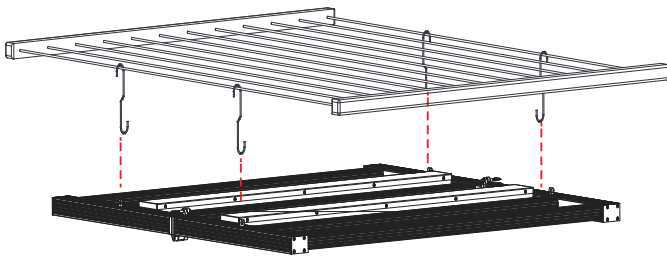


LPC9

ASSEMBLY INSTRUCTIONS

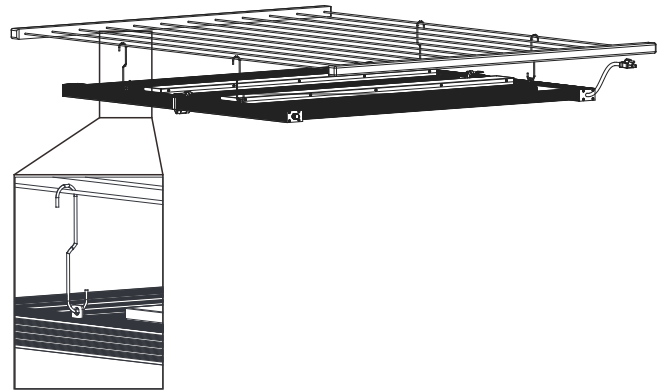
05

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



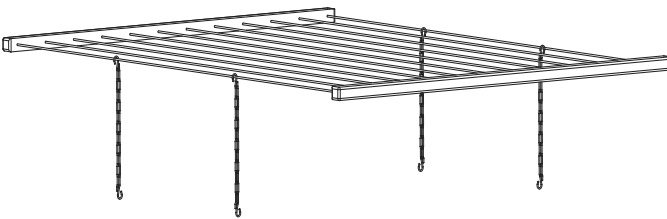
06

Make sure all the 4 loop hooks are hang on the lamp.



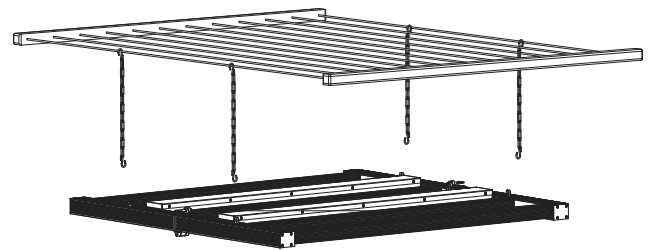
07

This is the Suspending Mounting way **(DEFAULT)**: Find out the steel chain from the package and hang them on the ceiling.



08

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

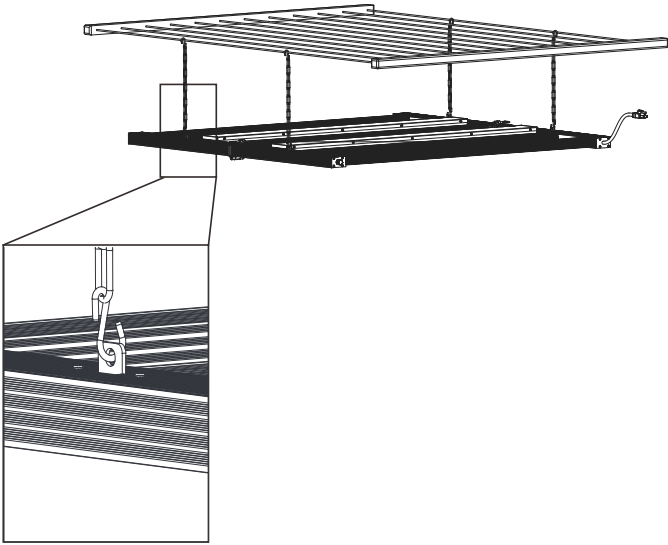


LPC9

ASSEMBLY INSTRUCTIONS

09

Make sure all the 4 steel chains are hang on the lamp.



LPC9

PPFD MAP

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

140	185	264	291	356	414	381	328	305	263	216
198	308	494	507	578	691	644	522	507	381	293
249	467	789	831	970	1125	1034	795	796	591	400
309	579	1031	1119	1332	1577	1405	1125	1095	780	509
348	642	1175	1263	1447	1779	1611	1272	1227	834	560
391	604	1234	1312	1526	1814	1611	1335	1277	826	596
342	631	1156	1255	1449	1774	1599	1266	1210	828	551
301	576	1010	1111	1325	1567	1398	1110	1081	774	449
247	458	791	838	967	1110	1025	799	789	586	389
188	301	491	501	571	689	642	521	504	389	294
141	189	264	299	355	410	378	321	310	266	214

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

263	291	388	438	503	555	539	509	437	391	350
319	400	525	590	652	710	709	656	574	485	423
356	497	676	771	865	944	919	847	715	606	530
396	558	910	979	1103	1218	1146	1042	901	744	628
452	609	892	1091	1248	1370	1286	1175	990	774	690
493	683	990	1154	1299	1401	1355	1211	1019	801	726
451	605	890	1089	1242	1366	1284	1169	989	762	682
389	549	889	976	1098	1210	1139	1037	899	735	621
351	496	671	769	859	941	912	846	714	603	529
316	399	529	591	660	709	710	655	580	478	422
264	295	378	441	504	558	541	511	429	389	345

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

336	395	458	509	578	603	633	594	507	457	422
382	454	538	628	686	698	709	686	603	522	470
436	547	650	754	827	864	854	807	705	592	552
459	596	746	866	965	1010	1000	919	793	664	620
508	614	799	946	1077	1074	1077	991	841	676	656
560	676	842	1030	1143	1182	1129	1044	673	686	678
506	612	786	942	1066	1066	1071	987	839	671	653
456	595	741	861	966	1001	989	916	789	663	618
433	545	649	751	821	853	841	804	702	589	545
381	451	533	621	681	697	707	683	601	521	465
331	393	456	502	569	601	629	591	502	455	421

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

449	475	533	595	623	590	662	628	563	514	489
495	538	598	666	703	689	716	689	622	560	551
530	585	649	712	745	759	761	716	654	605	603
505	598	664	735	791	810	794	755	680	624	615
504	578	677	761	820	836	816	771	701	600	597
508	563	687	766	824	850	829	771	692	598	610
506	577	678	766	815	826	811	769	699	605	602
508	600	666	736	792	812	789	756	674	621	611
522	582	641	711	743	749	753	711	655	599	598
487	541	599	659	699	687	710	687	621	548	545
441	469	529	589	625	589	660	618	561	518	488

LPC9

PPFD MAP

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

449	489	508	550	556	507	596	555	524	498	463
490	523	556	596	618	599	618	592	557	529	527
518	546	577	605	630	633	626	605	574	542	553
483	531	561	614	643	649	633	613	583	545	555
462	504	566	621	647	661	640	624	578	521	533
467	504	583	620	649	658	635	610	569	506	521
461	501	563	619	646	659	638	621	577	519	529
481	529	556	611	644	645	631	611	588	544	553
517	545	575	599	625	631	622	602	577	541	552
488	522	557	597	612	589	617	591	553	521	522
447	488	502	546	557	499	589	554	522	496	461

PACKAGING INFORMATION

Model	Carton Size	G.W / Carton	Quantity / Carton
LSC4 / LPC4	1190*615*165mm	31Kg / 68.3lb	2 PCS
LSC7 / LPC7	1190*615*165mm	26Kg / 57.3lb	1 PCS
LSC9 / LPC9	1190*615*165mm	29Kg / 63.9lb	1 PCS

