

LPC7

High-yield Indoor Cannabis LED Lighting Solution



LPC7 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.

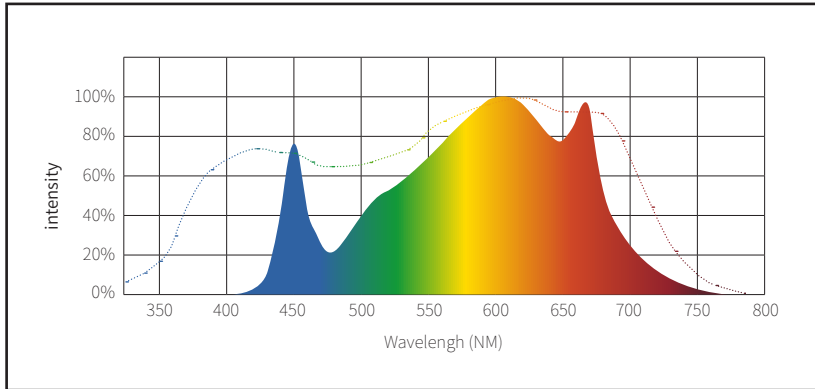
1760μmol/s



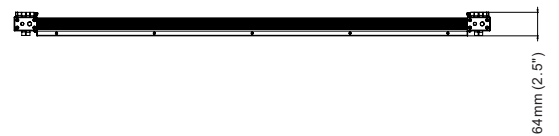
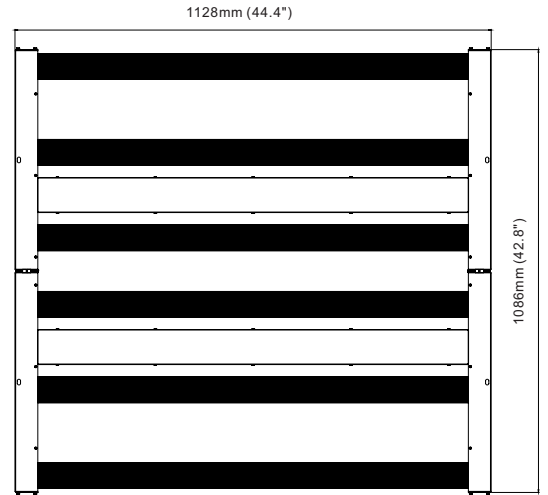
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LPC7 *High-yield Indoor Cannabis LED Lighting Solution*

SPECTRAL DISTRIBUTION



DIMENSIONS



SPECIFICATIONS

Model	LPC7
Input Wattage	720W
PPF (Light output)	1760 μ mol/s
PAR Efficacy	2.5 μ mol/J
Input Voltage	AC100-277V, 347V, 480V 50/60Hz
Driver Brand	Inventronics/Sosen/Mean Well
Light Source	Samsung / OSRAM LEDs
Dimming	0-10V / 1-10V / PWM
Power Factor	>0.95
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

OUT-OF-THE-BOX DESIGN



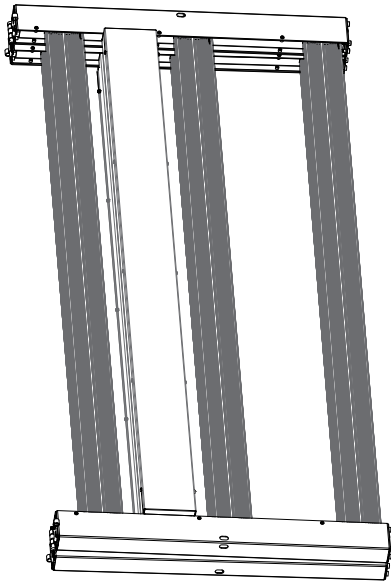
Unbox --- Unfold ---- Hang up the fixture.

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ASSEMBLY INSTRUCTIONS

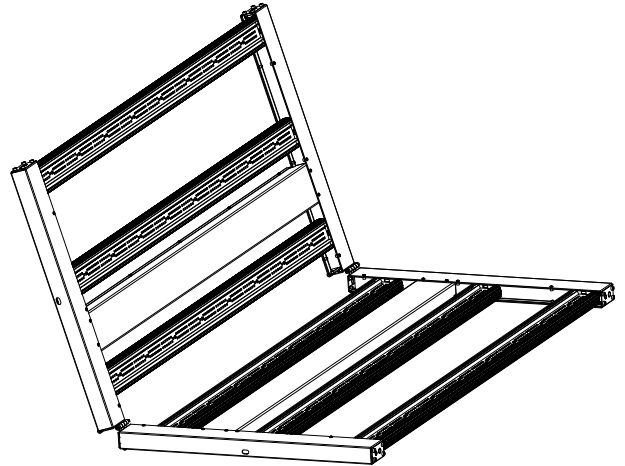
01

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



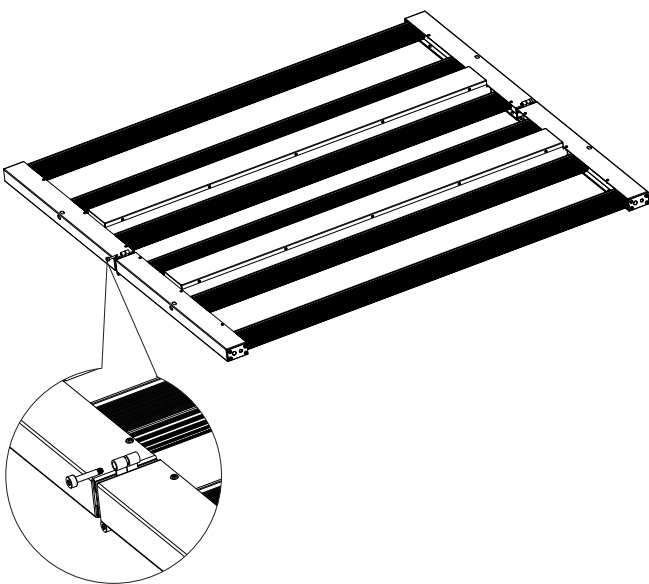
02

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



03

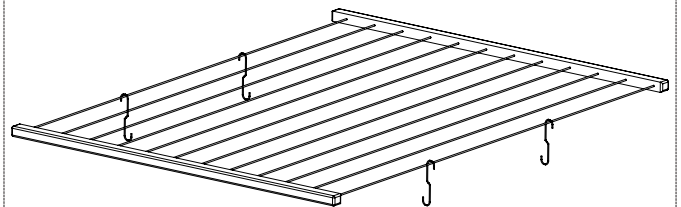
Take out the lock-shaft and lock the attachable end cap.



04

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

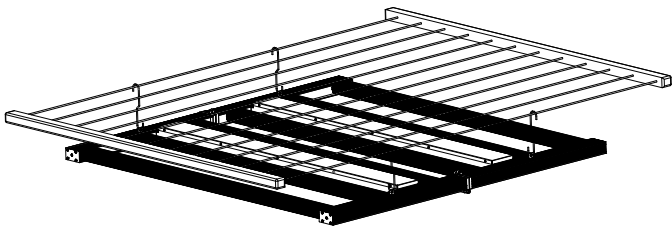
This is the Surface Mounting way: Using the long hooks to hang on the shelf.



ASSEMBLY INSTRUCTIONS

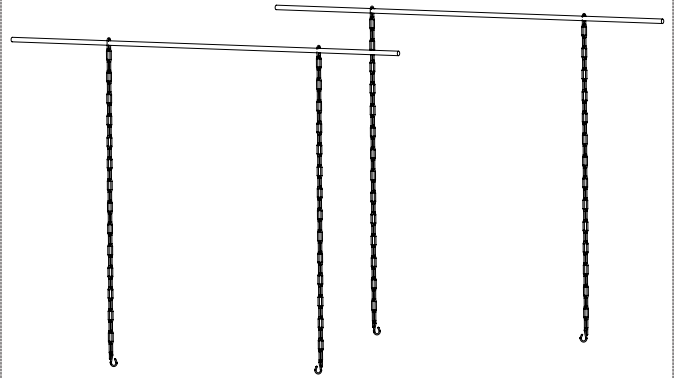
05

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



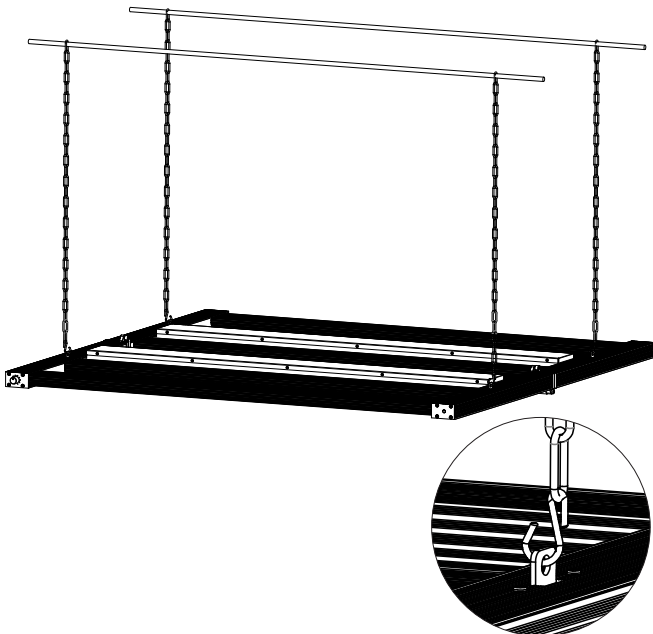
06

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



07

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



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PPFD MAP

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

146	199	290	293	335	335	319	299	267	237	203
189	295	424	456	491	519	481	444	420	339	272
237	434	635	710	754	807	767	700	632	482	362
281	544	809	928	984	1068	951	898	807	600	427
317	599	884	1017	1073	1167	1083	998	899	628	464
310	571	918	1065	1112	1228	1108	1036	909	653	483
315	600	883	1013	1069	1166	1084	996	897	626	462
280	541	805	921	983	1063	943	896	806	598	425
236	431	633	705	749	806	769	702	633	481	360
190	296	422	455	490	516	481	441	416	336	270
144	196	293	294	331	333	317	300	263	233	201

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

201	248	327	343	383	387	397	372	318	278	254
279	329	422	476	509	495	503	477	421	353	310
341	438	557	621	661	665	648	610	545	433	387
381	510	679	777	828	850	823	764	666	525	451
446	555	757	877	951	956	932	845	712	557	492
452	573	792	917	990	1006	977	887	754	562	507
445	551	755	873	950	955	931	841	710	553	491
378	508	676	778	829	851	823	766	667	522	450
340	437	552	620	662	666	642	609	549	436	379
281	330	423	478	512	496	506	476	422	354	306
202	249	328	345	382	389	399	372	316	276	251

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

256	304	360	389	424	421	440	428	366	333	308
298	346	410	480	506	487	504	482	436	381	348
351	419	492	554	597	596	589	561	503	434	407
377	474	559	639	673	699	707	651	570	492	462
394	479	595	695	768	776	778	717	629	509	487
447	526	659	769	821	837	825	766	665	524	512
393	476	596	696	767	775	774	716	626	507	486
379	473	561	640	674	697	706	652	567	491	461
349	412	491	552	596	593	590	562	501	435	402
297	345	401	476	505	486	501	481	435	380	347
257	301	356	385	421	419	436	421	359	331	301

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

323	345	383	407	426	414	442	430	388	362	344
356	382	418	463	485	460	481	461	423	392	378
388	423	453	485	507	519	520	494	458	420	422
396	440	484	516	545	558	548	530	486	442	441
397	434	506	552	583	587	587	552	500	438	432
391	442	515	567	601	614	601	560	509	439	447
396	431	505	551	581	584	585	551	499	436	431
397	441	483	517	542	551	546	523	482	441	438
389	421	454	489	506	517	515	493	456	416	411
351	381	412	461	481	454	478	456	421	391	376
321	341	381	406	421	412	439	424	381	359	339

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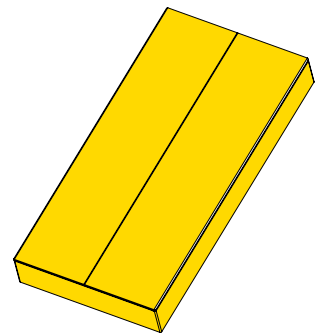
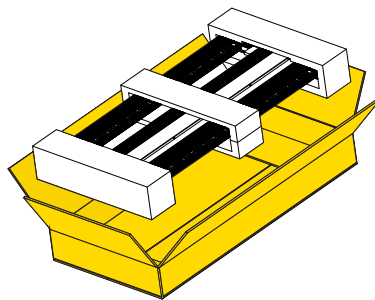
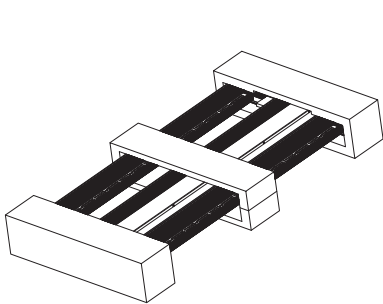
PPFD MAP

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

312	324	356	369	380	355	390	374	348	331	311
335	358	376	399	415	387	402	393	369	348	345
358	375	387	409	419	426	424	412	386	367	364
341	376	397	415	434	443	435	423	399	380	379
335	371	409	438	454	461	457	431	408	374	373
341	375	425	453	473	475	462	450	422	382	381
333	369	403	432	451	455	456	429	403	371	370
340	375	396	411	431	441	436	421	392	381	376
356	371	386	402	413	422	423	411	386	366	363
336	359	378	396	413	386	399	392	366	346	343
311	322	355	371	376	354	386	372	346	328	310

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



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