

**Luxgrow**

# COMMERCIAL INDOOR CANNABIS LED LIGHTING SOLUTION

**LPUX Series**

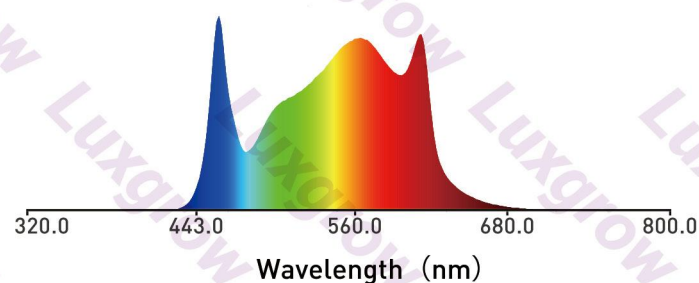
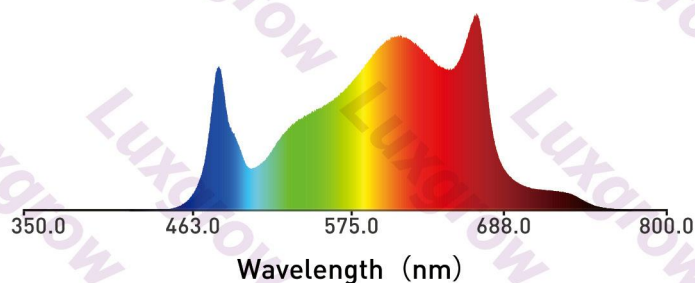


SP1

Absolute Spectrum

SP2

Absolute Spectrum



Model	LPU2X-S0	LPU4X-S0	LPU7X-S0
Input Wattage	240W	480W	720W
PAR Efficacy	2.7±5% μmol/J		
PPF(Light output)	690 μmol/s	1300 μmol/s	2060 μmol/s
Input Voltage	120V 240V 277V		
Module(group)	1	2	3
Driver Brand	Sosen/ Fahold		
Light Source	Samsung+OSRAM		
Dimming	0-10V		
Power Factor	>0.9		
Material	6063Aluminum		
Thermal Management	Passive Cooling		
Mounting Height	≥ 12" (30cm) Above Plant Canopy		
Warranty Lifetime	5 year   Q90>36,000hrs		
Certification	The DLC / UL8800 / ETL		
IP Rating	UL 1598, UL8800 – Damp Location, CE		
Ambient Temperature	14~113°F (-10~45°C)		



● Blooming stage with CO2

Model	LPU9X-S0	LPU15X-S0
Input Wattage	960W	1500W
PAR Efficacy	2.7±5% µmol/J	
PPF(Light output)	2750 µmol/s	4300 µmol/s
Input Voltage	120V 240V 277V	240V 277V
Module(group)	4	6
Driver Brand	Sosen/ Fahold	
Light Source	Samsung+OSRAM	
Dimming	0-10V	
Power Factor	>0.9	
Material	6063Aluminum	
Thermal Management	Passive Cooling	
Mounting Height	≥ 12" (30cm) Above Plant Canopy	
Warranty Lifetime	5 year   Q90>36,000hrs	
Certification	The DLC / UL8800 / ETL	
IP Rating	UL 1598, UL8800 – Damp Location, CE	
Ambient Temperature	14~113°F (-10~45°C)	

Max Input Amperage by Voltage Service

POWER \ VOLTAGE	120v	240v	277v
240w	2.0A	1.0A	0.9A
480w	4.0A	2.0A	1.7A
720w	6.0A	3.0A	2.6A
960w	8.0A	4.0A	3.5A
1500w		6.25A	5.5A

● High Voltage Application (Canada Market)

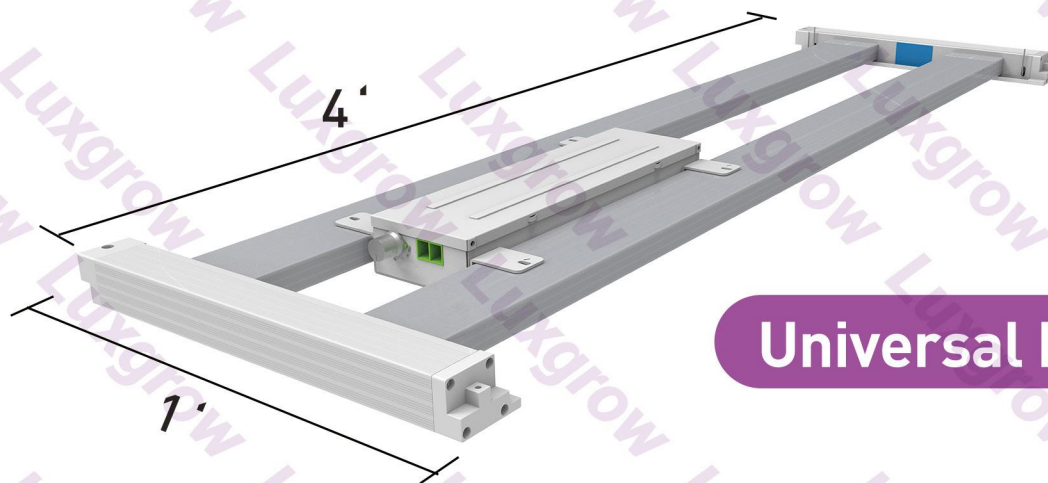
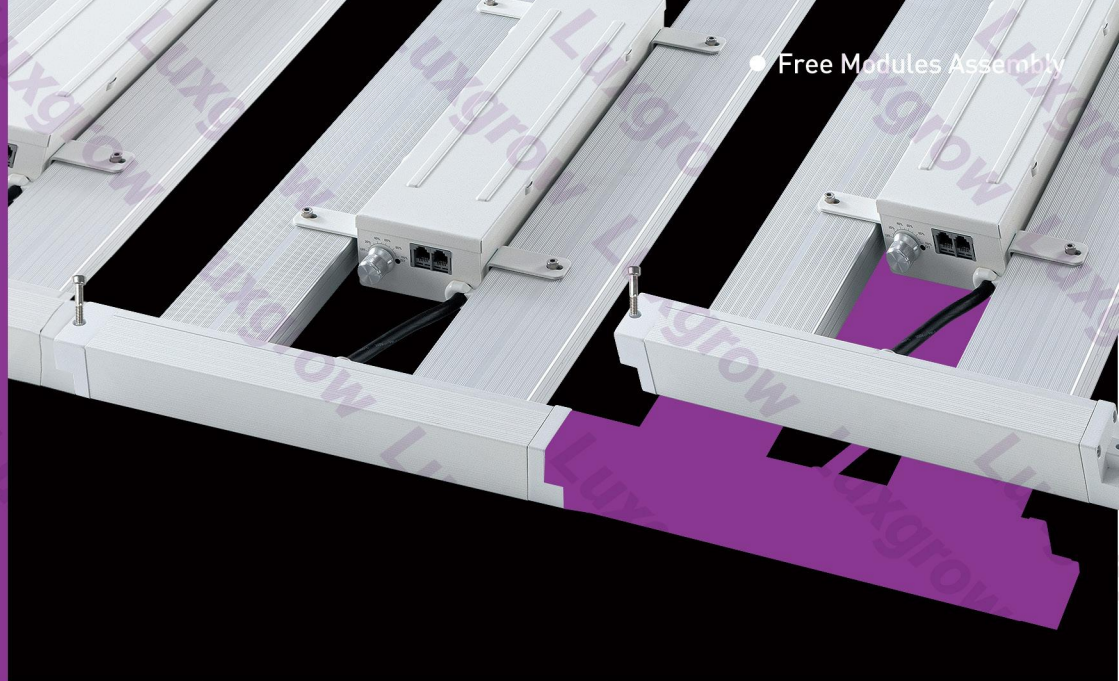
Model	LPU6F-HV-S0	LPU7F-HV-S0
Input Wattage	640W	720W
PAR Efficacy	2.7±5% μmol/J	
PPF(Light output)	1728 μmol/s	2100 μmol/s
Input Voltage	277V 347V 480V	277V 347V 480V
Module(group)	3	3
Driver Brand	Sosen/ Fahold	
Light Source	Samsung+OSRAM	
Dimming	0-10V	
Power Factor	>0.9	
Material	6063Aluminum	
Thermal Management	Passive Cooling	
Mounting Height	≥ 12" (30cm) Above Plant Canopy	
Warranty Lifetime	5 year   Q90>36,000hrs	
Certification	The DLC / UL8800 / ETL	
IP Rating	UL 1598, UL8800 – Damp Location, CE	
Ambient Temperature	14~113°F (-10~45°C)	

Max Input Amperage by Voltage Service

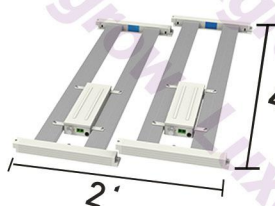
POWER \ VOLTAGE	277v	347v	480v
640w	2.3A	1.8A	1.3A
720w	2.6A	2.1A	1.5A



# LPUX



Universal Module



480w



720w



960w



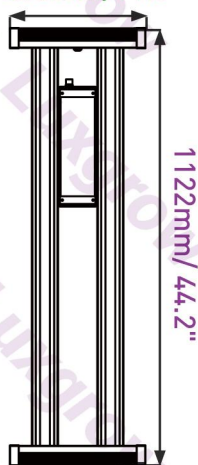
1500w

# DIMENSIONS



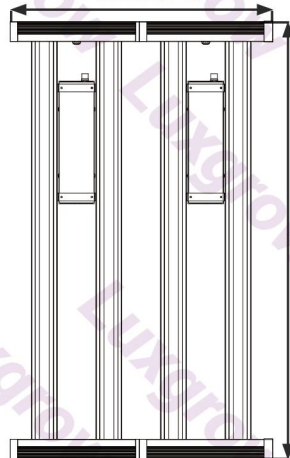
- Length
- Width
- Height

300mm / 11.8"



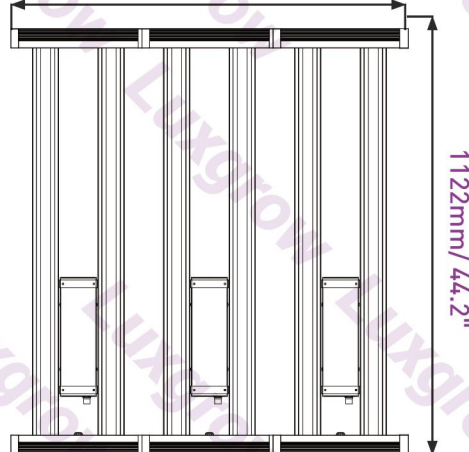
LPU-1

590mm / 23.2"



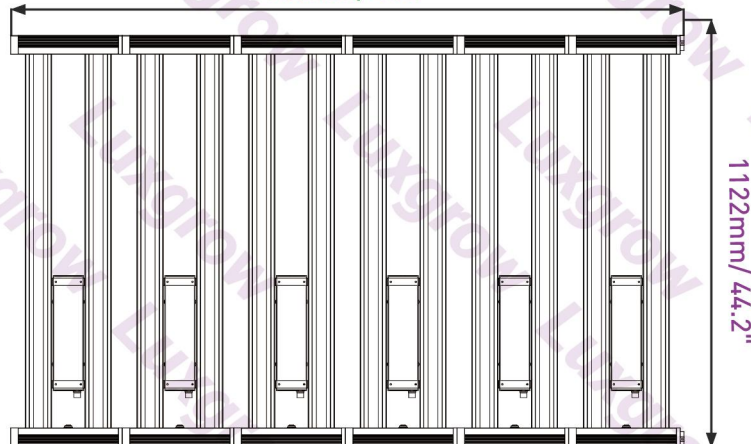
LPU-2

880mm / 34.7"



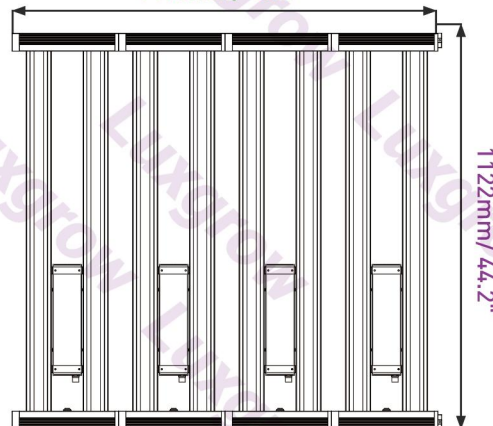
LPU-3

1750mm / 68.9"



LPU-6

1170mm / 46.1"



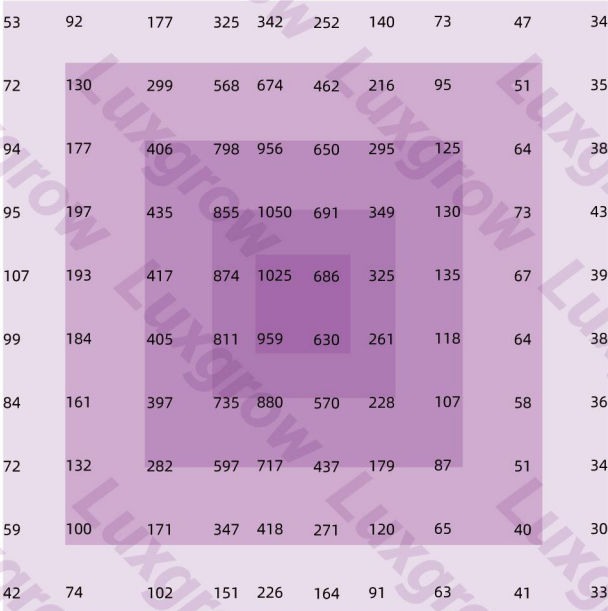
LPU-4



# LPU2S/F-S0 240W *Luxgrow*®

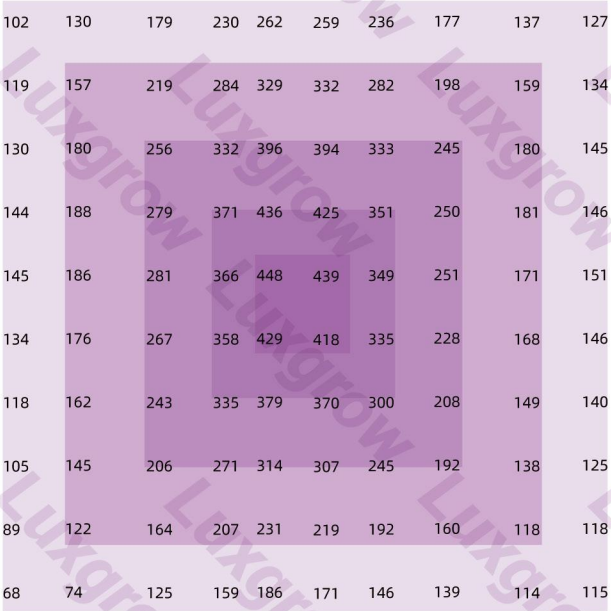
PPFD Value at 12" (30cm)

5X5FT



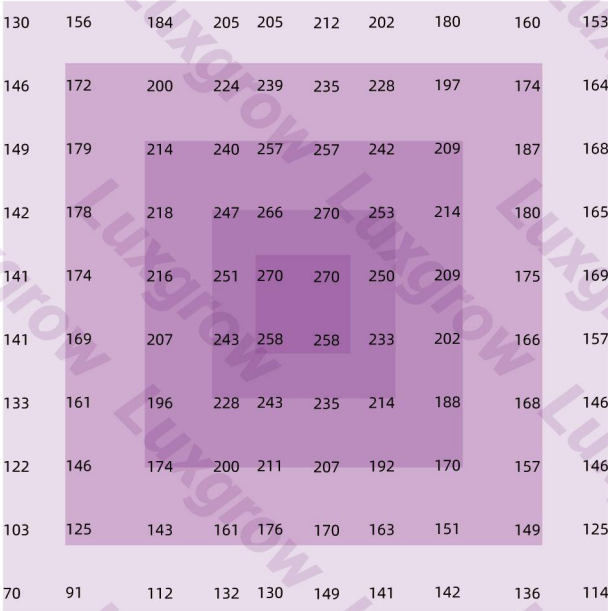
PPFD Value at 24" (60cm)

5X5FT



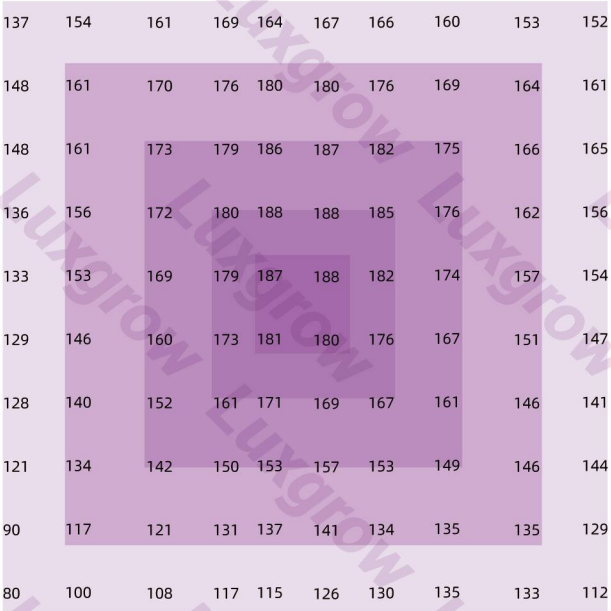
PPFD Value at 36" (90cm)

5X5FT



PPFD Value at 48" (120cm)

5X5FT



# LPU4S/F-S0 480W *Luxgrow*®

## PPFD Value at 12" (30cm)

5X5FT

97	172	280	373	500	481	305	209	113	79
141	242	505	780	870	976	601	311	167	98
173	326	708	1118	1379	1346	955	452	201	108
195	370	775	1224	1508	1460	1091	502	211	126
244	365	756	1232	1516	1452	1109	504	213	129
205	345	706	1173	1441	1374	956	478	183	127
192	323	661	1062	1320	1244	860	393	180	121
156	291	535	880	1105	1034	733	324	146	118
117	212	355	587	713	639	485	228	133	96
85	117	240	370	282	440	251	212	124	86

## PPFD Value at 24" (60cm)

5X5FT

240	302	385	435	461	474	393	304	252	233
288	366	472	546	570	571	471	354	301	251
317	399	547	666	705	672	578	423	326	272
336	423	602	720	788	744	623	478	341	284
367	421	603	741	814	775	646	477	337	305
335	407	564	707	794	746	609	463	327	284
300	379	523	644	712	684	555	431	310	271
256	345	450	531	616	576	480	358	287	255
206	305	372	447	499	457	381	292	261	217
172	220	333	376	447	376	310	253	203	175

## PPFD Value at 36" (90cm)

5X5FT

259	325	350	387	379	365	362	321	288	286
313	355	401	416	431	416	405	352	316	298
322	374	425	444	478	455	431	379	334	310
319	374	433	466	494	482	448	385	329	311
315	370	433	470	499	488	450	388	322	294
313	351	420	457	487	471	434	377	302	311
297	344	388	429	450	437	400	360	294	275
277	314	351	382	397	385	355	324	293	282
230	276	313	311	342	331	312	285	260	245
184	252	274	300	309	297	319	288	259	222

## PPFD Value at 48" (120cm)

5X5FT

283	305	313	328	314	310	315	300	286	284
304	320	332	344	345	341	334	314	302	294
303	325	341	352	357	354	343	324	308	297
278	315	342	356	363	360	349	329	302	287
277	308	335	354	362	361	348	330	294	267
262	295	325	342	352	347	335	318	283	260
263	286	309	326	333	331	319	306	275	264
252	269	282	301	300	304	295	290	274	272
217	243	254	263	272	268	262	268	256	238
165	205	231	252	259	237	249	259	252	207



# LPU7S/F-S0 720W *Luxgrow*®

## PPFD Value at 12" (30cm)

5X5FT

188	291	408	545	574	503	495	326	215	153
295	512	873	1008	1086	961	957	668	377	197
386	719	1252	1470	1530	1570	1473	1137	562	280
432	815	1364	1661	1756	1773	1591	1198	610	285
497	879	1340	1670	1760	1749	1613	1100	612	287
467	793	1303	1572	1669	1658	1509	1022	561	263
429	756	1172	1406	1494	1498	1366	920	495	266
353	657	948	1176	1259	1252	1155	774	379	237
241	378	655	747	782	760	725	500	294	204
114	178	381	382	420	348	413	360	221	163

## PPFD Value at 24" (60cm)

5X5FT

413	513	550	675	669	645	594	510	415	388
499	610	691	793	827	800	722	615	497	428
552	692	793	926	980	959	866	716	572	471
585	723	843	1000	1076	1043	948	749	600	504
581	720	849	1019	1091	1061	959	783	593	506
563	686	808	964	1043	1007	901	726	579	476
520	631	738	877	952	920	818	677	524	450
445	544	603	748	775	790	696	577	475	409
355	431	481	566	613	614	550	454	397	352
255	367	407	407	402	462	442	422	352	308

## PPFD Value at 36" (90cm)

5X5FT

458	525	560	577	556	542	527	486	445	412
539	576	618	641	637	621	584	532	492	456
555	602	650	678	685	668	625	566	506	476
534	599	664	700	714	688	650	581	494	464
511	594	660	702	716	692	647	582	461	442
503	563	636	678	691	668	622	559	460	427
488	522	584	625	637	614	580	520	446	421
445	483	519	536	566	538	517	481	436	415
378	424	436	459	473	452	435	417	384	373
303	375	342	380	391	389	367	396	379	336

## PPFD Value at 48" (120cm)

5X5FT

440	466	483	494	462	464	466	450	445	434
465	487	501	510	508	506	493	471	471	447
465	488	507	519	525	520	507	483	483	452
429	473	504	521	527	524	513	489	489	435
419	465	497	517	522	519	506	487	486	414
401	452	476	497	504	499	486	468	466	407
399	426	456	472	476	476	463	448	447	389
381	405	418	425	439	428	423	420	420	401
329	370	380	377	386	382	384	387	388	365
292	285	369	328	330	341	361	382	381	342

# LPU9S/F-S0 960W *Luxgrow*®

## PPFD Value at 12" (30cm)

5X5FT

336	455	602	553	695	689	683	671	495	363
553	907	1110	1157	1292	1201	1183	1128	865	564
736	1242	1587	1678	1743	1723	1688	1575	1292	779
816	1341	1730	1865	1906	1913	1872	1758	1391	867
848	1303	1686	1860	1909	1899	1859	1744	1413	905
774	1212	1611	1754	1789	1793	1727	1633	1318	825
702	175	1447	1580	1610	1600	1551	1472	1153	766
569	871	1198	1310	1334	1264	1275	1199	987	665
412	659	800	880	857	817	832	704	626	507
273	357	503	551	554	553	545	527	394	365

## PPFD Value at 24" (60cm)

5X5FT

551	664	730	816	795	799	798	721	669	636
662	801	904	958	948	948	934	866	783	762
772	912	1037	1099	1135	1130	1095	1035	925	840
794	971	1106	1187	1233	1239	1213	1125	940	884
768	952	1098	1219	1264	1266	1220	1130	968	860
721	911	1032	1150	1212	1214	1165	1081	933	852
714	839	971	1062	1108	1091	1048	996	860	814
622	702	803	896	949	941	908	811	776	725
530	587	631	743	720	685	693	701	652	610
422	503	502	425	554	548	624	665	599	527

## PPFD Value at 36" (90cm)

5X5FT

604	685	704	728	718	730	732	701	704	681
661	726	765	800	817	809	804	766	744	721
684	749	810	841	862	870	854	818	775	754
669	740	826	863	890	895	877	848	790	740
655	728	818	865	894	896	881	845	787	709
615	697	776	830	859	855	843	803	760	698
595	667	720	737	784	787	790	757	722	671
534	602	638	655	676	700	693	690	670	666
447	483	516	551	581	582	598	605	605	586
369	385	423	462	449	495	567	581	571	499

## PPFD Value at 48" (120cm)

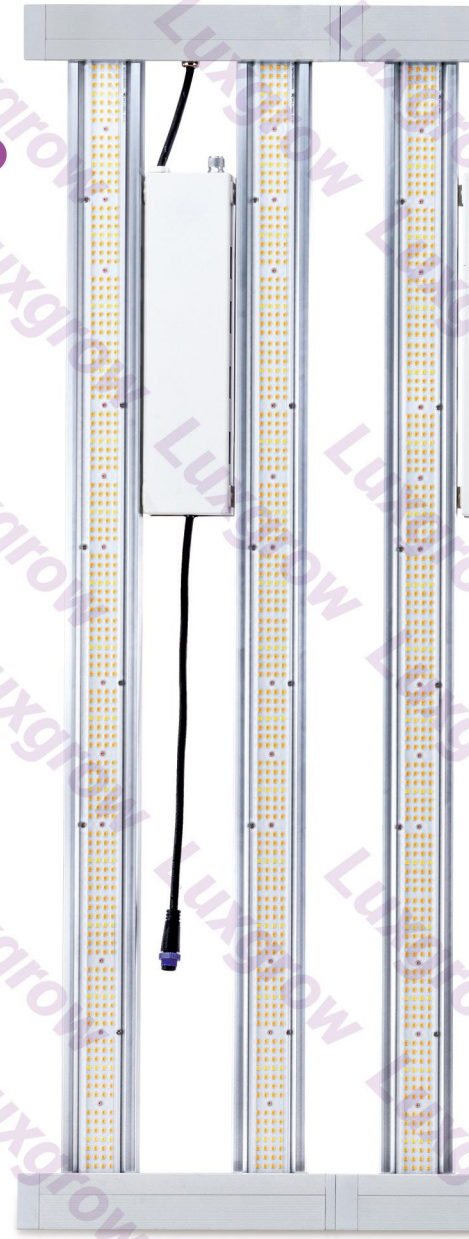
5X5FT

555	586	605	629	594	609	611	602	583	602
584	619	637	652	653	657	655	637	624	623
594	622	647	662	675	673	669	653	636	625
544	601	649	665	674	679	673	661	629	599
527	586	634	658	678	675	665	651	621	579
508	561	606	633	674	648	642	629	605	584
500	540	583	600	654	617	604	600	583	559
482	511	532	547	610	562	571	573	568	572
403	456	467	475	493	480	513	537	544	531
297	415	486	511	503	465	466	524	548	480



# Default Installation Accessories

- 1 LED grow light
- 2 RJ14 network cable
- 3 1/8" adjustable rope hanger
- 4 Four in one input cable
- 5 Assembly Screws
- 6 Installation Bracket
- 7 Ceiling hook



2



3



4



5



6



7



UK



EU



AU



US



JP

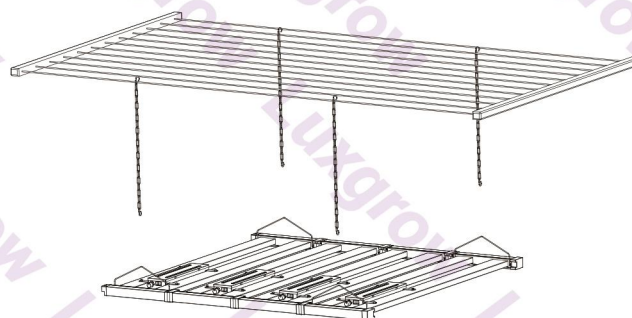


L7-15P

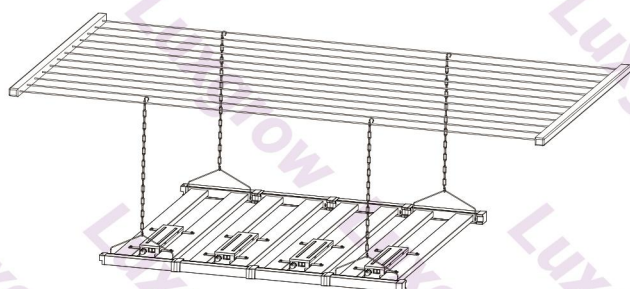
## ASSEMBLYINSTRUCTIONS



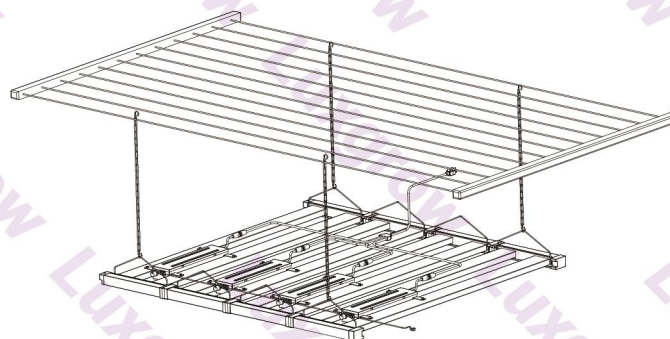
1. Take out the 1/8" adjustable rope hangers and Fix one side on the ceiling



2. put the hook on the fixture

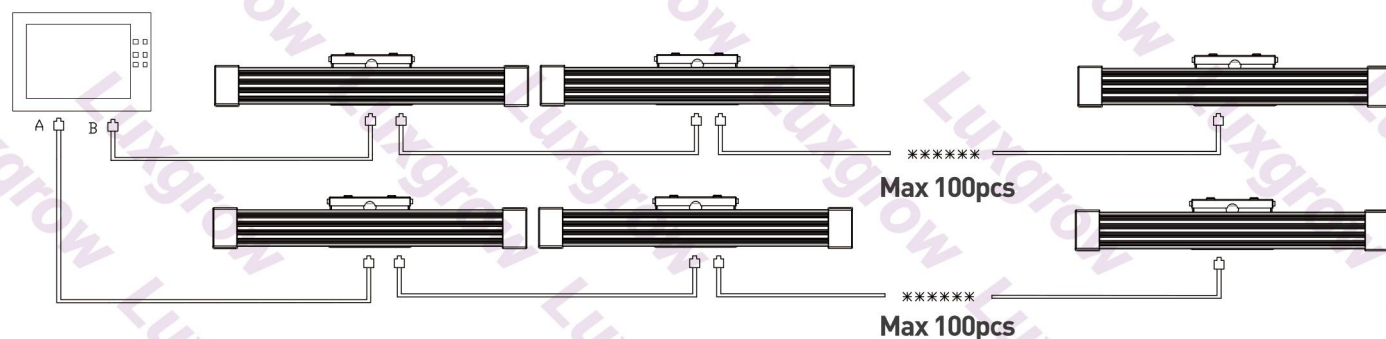


3. hang fixture on the ceiling.



4. Connect the RJ14 Interconnect Cables ,Connect the four in one input cable

## Wired controller installation



Multiple RJ14 Interconnect Cables one by one ( 80 modules maximum) ;  
Plug one RJ14 Port into the controllers;  
Control the fixtures by wired controllers



# Luxgrow

## THE TERMS AND CONDITIONS

If the product is determined to have failed during the warranty period, Luxgrow will,

**IF THE PRODUCT IS DETERMINED TO HAVE FAILED DURING THE WARRANTY PERIOD, LUXGROW WILL, IN ITS SOLE DISCRETION, TO TAKE BELOW MEASURES:**

- a) Provide the parts of replacement, for example the LED drivers, for repairing;
- b) Replace with the same or a functionally equivalent product;
- c) Refund or credit the purchaser. When Luxgrow choosing to send the replacement product, which is not continued, Luxgrow may, in its sole discretion, replace the product with a comparable product that is functionally equivalent to the product to be replaced. If product is replaced or repaired, the warranty period does not start over, but the warranty period for the replacement product maintains the period of the original product.

**THE WARRANTY IS VALID ONLY IF ALL FOLLOWING CONDITIONS ARE COMPLIED WITH**

- a) Products are used complying with technical specifications;
- b) Products have been installed by qualified personnel and according to mounting instructions, which are included with supplied items;
- c) No modification or change have been accomplished, without prior and written authorization by luxgrow;
- d) Faulty product must be kept by customer as it was, in order to allow Luxgrow to do all necessary analysis and to try and establish the cause of failures.



**WARNING**

## **Do not expose to water drip or spray**

- Keep the cable away from hot surface.
- Do not place the lamp “face down” on a surface, as it may damage the lenses.
- Do not use the fixture when the power cord is damaged.
- Do not use the fixture when the unit has been dropped, or its enclosure or bars are damaged.

- **SUITABLE FOR DAMP LOCATIONS**  
**CONVIENT AUX EMPLACEMENTS HUMIDES**

- **Not Suitable for Intracanopy Applications**  
**No es adecuado para aplicaciones intracanópicas**

- **THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED**

**CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS**

- **RISK GROUP 1 GROUPE DE RISQUE 1**

**CAUTION UV emitted from this product Minimise exposure to eyes or skin. Use appropriate shielding.**

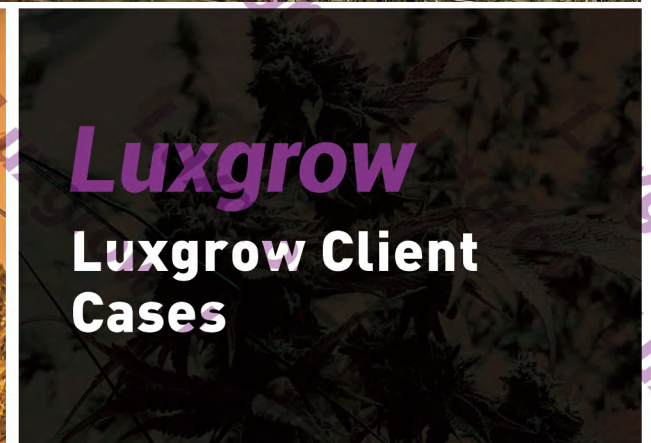
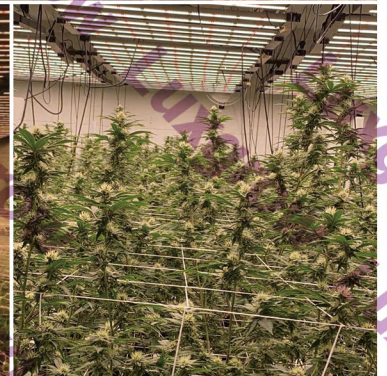
**ATTENTION UV émis par ce produit Minimiser l'exposition des yeux ou de la peau. Utilisez un blindage approprié.**

- **RISK GROUP 2 GROUPE DE RISQUE 2**

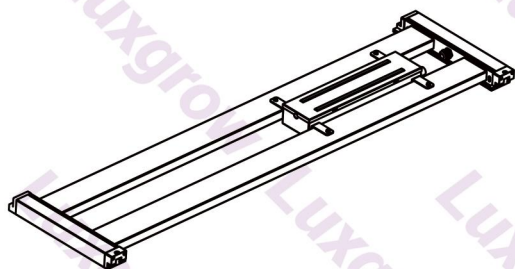
**NOTICE UV emitted from this product. Eye or skin irritation may result from exposure. Use appropriate shielding.**

**AVIS UV émis par ce produit Une irritation des yeux ou de la peau peut résulter de l'exposition. Utilisez un blindage approprié.**

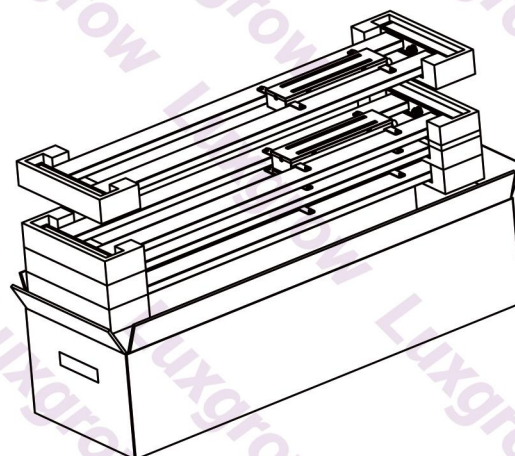




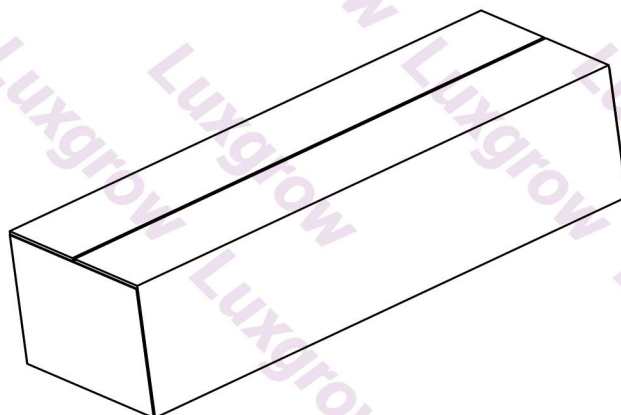




Extra 20% cargo loaded



20% shipping cost saved



Model	LPU7S/F-S0	LPU9S/F-S0	LPU15S/F-S0
Carton Size(mm)	1165x335x210mm	1165x335x260mm	1165x335x380mm
Carton Size(inch)	45.9"x13.2"x8.3"	45.9"x15.2"x10.2"	45.9"x15.2"x15.0"
N.W / Carton	10.8Kg / 23.8lb	14.4Kg / 31.75lb	24Kg / 52.9lb
Quantity / Carton	3 PCS	4 PCS	6 PCS
20FT Container	295CTN	240CTN	120CTN
40HQ Container	660CTN	520CTN	360CTN





**Luxgrow**

**Let's grow professionally together**

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📍 Factory 2 : 34# Building,

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