

POWERLUX

LED PLUS



EFFICIENCY
3.0 $\mu\text{mol}/\text{J}$



High PPF



LIFETIME
50000 hrs

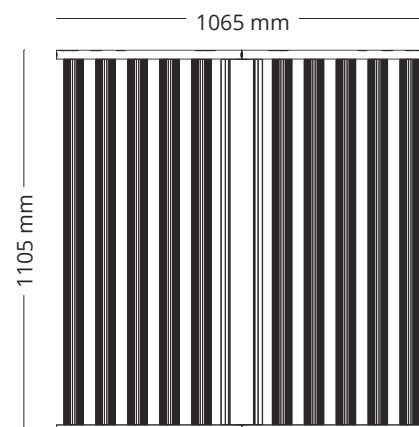
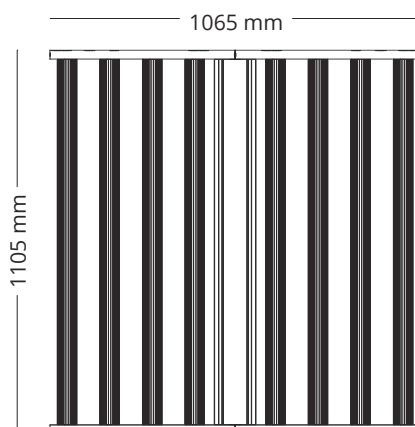
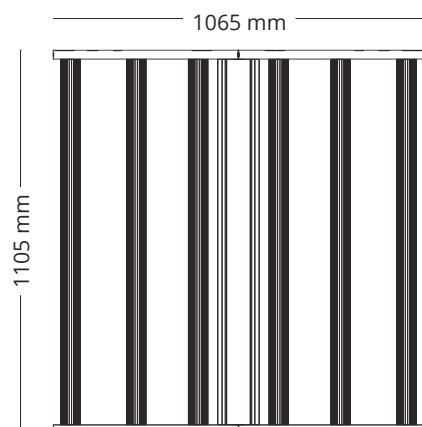
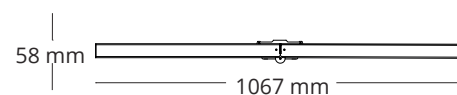
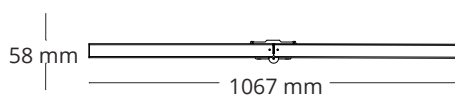
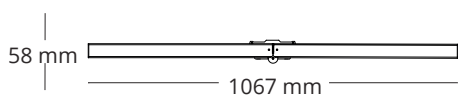


WARRANTY
5 YEARS

SPECIFICATIONS

Max. Power Output:	640W	720W	1000W
Efficacy:	3.0 $\mu\text{mol}/\text{J}$:	3.0 $\mu\text{mol}/\text{J}$:	3.0 $\mu\text{mol}/\text{J}$:
Maximum PPF:	1920 $\mu\text{mol}/\text{s}$	2160 $\mu\text{mol}/\text{s}$	3000 $\mu\text{mol}/\text{s}$
Number for light bars:	6 bar	8 bar	10 bar
Chip LED:	Samsung LM301H - Osram Oslon 660nm		
Input Voltage:	120-277V		
Frequency:	50-60Hz		
Light Distribution:	120°		
Spectrum:	Full Spectrum		
Thermal Management:	Passive		
Lifetime:	>50,000hrs		
Power Factor:	>95%		
Colour Rendering Index:	90ra		
Ambient Temperature:	-25~40°C		
Dimensions:	1105 x 1067 x 54MM		
Weight:	12.0KG	13.5KG	15.0KG
Recommended Cultivation Area:	1,50M x 1,50M		
Recommended Distance to Canopy:	40 - 60CM		
Warranty:	5 Years		

DIMENSIONS

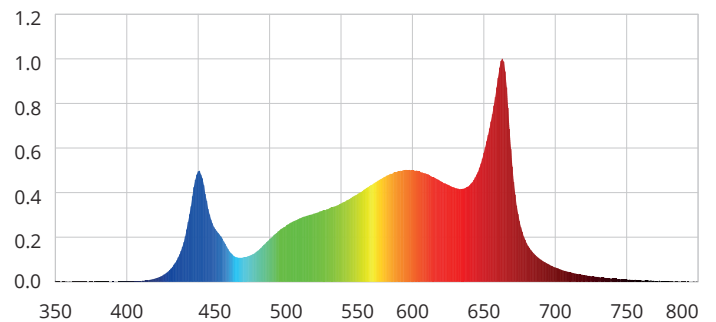
LED PLUS **640W**LED PLUS **720W**LED PLUS **1000W**

FOLDABLE DESIGN

The foldable design feature can save your shipping cost.



SPECTRUM



Our combination of white and red LEDs result in a relatively high ratio of blue light. Blue light keeps your crop compact in the vegetative stage and adds to an optimal morphogenesis and light interception by the plant.

It maintains the photosynthetic system of the plant to optimize its photosynthetic potential and can shorten your flowering period. Blue light also triggers stomatal opening during the light period.

The spread of red LEDs in the array guarantees a uniformly mixed spectrum on your crop at short distance. A full spectrum increases the quality of your crop.

0-10V DIGITAL CONTROL SYSTEM

The LED is compatible with smart controller(0-10V control system). It is equipped with an external RJ14 cable and allows for installation of 160 fixtures per controller port by simply daisy chaining the fixtures.

Smart Controller



PAR DISTRIBUTION (4X4 FT COVERAGE)

LED PLUS 640W

Mounting Height: 12" / 30CM

853	916	950	925	928	960	901	865
1127	1204	1235	1163	1170	1273	1230	1170
1216	1292	1330	1297	1301	1376	1385	1230
1271	1303	1339	1310	1288	1354	1358	1294
1180	1243	1278	1238	1234	1285	1291	1224
1046	1151	1185	1156	1122	1181	1185	1164
935	1020	1032	987	930	960	980	915
752	817	840	797	757	756	751	724

Mounting Height: 24" / 60CM

926	940	946	945	966	969	930	868
961	959	981	1000	1006	1014	944	918
1017	1035	1050	1045	1058	1056	1036	937
1016	1063	1082	1079	1077	1067	1049	990
10265	1048	1056	1057	1049	1037	1011	959
960	998	1002	992	982	976	941	897
873	922	932	923	907	887	869	814
732	837	849	860	828	800	775	754

Mounting Height: 35" / 90CM

820	825	836	845	858	860	816	782
863	860	870	885	860	878	810	805
826	880	902	908	907	897	877	820
832	878	908	917	904	890	869	844
850	875	884	895	885	878	865	833
840	864	870	876	870	849	830	798
790	831	835	830	830	817	780	764
784	800	817	798	800	790	792	690

LED PLUS 720W

Mounting Height: 12" / 30CM

870	960	995	929	942	1004	985	914
1256	1355	1345	1236	1230	1415	1257	1240
1406	1560	1547	1428	1433	1591	1615	1385
1440	1615	1597	1447	1439	1594	1623	1373
1387	1546	1515	1394	1392	1530	1567	1342
1312	1464	1435	1310	1295	1425	1408	1246
1160	1308	1303	1170	1154	1259	1245	1091
940	1050	1047	953	911	964	995	890

Mounting Height: 24" / 60CM

963	974	994	1005	1026	1030	1003	935
1049	1067	1100	1087	1091	1106	1025	1024
1130	1152	1166	1161	1184	1182	1173	1040
1141	1190	1209	1208	1206	1208	1187	1113
1126	1187	1200	1191	1187	1188	1181	1112
1083	1138	1153	1144	1145	1143	1104	1071
1001	1062	1073	1066	1069	1046	1024	967
949	950	1007	997	977	973	945	896

Mounting Height: 35" / 90CM

904	895	925	933	950	951	925	883
939	958	985	991	997	987	909	908
969	992	1012	1022	1025	1013	990	943
1010	1012	1038	1040	1030	1019	995	959
1008	1024	1032	1034	1022	1012	1000	954
955	996	1004	1005	999	990	958	931
903	952	965	965	973	952	928	883
864	886	930	943	938	928	880	834

LED PLUS 1000W

Mounting Height: 12" / 30CM

1333	1422	1348	1208	1245	1440	1493	1370
1739	1949	1836	1548	1567	1939	1916	1833
1916	2252	2070	1756	1765	2130	2318	2018
1992	2273	2095	1782	1792	2116	2297	2029
1890	2157	2002	1716	1737	2027	2201	1866
1847	2020	1916	1630	1634	1883	2006	1744
1654	1790	1640	1433	1447	1648	1762	1474
1276	1443	1340	1173	1100	1244	1377	1255

Mounting Height: 24" / 60CM

1355	1377	1365	1362	1383	1401	1405	1325
1438	1467	1472	1457	1450	1515	1470	1444
1535	1554	1563	1543	1563	1601	1629	1538
1562	1613	1620	1598	1608	1640	1654	1584
1591	1583	1590	1572	1582	1609	1622	1544
1563	1539	1526	1513	1517	1546	1542	1488
1443	1452	1431	1418	1406	1407	1414	1341
1336	1354	1353	1326	1291	1345	1290	1259

Mounting Height: 35" / 90CM

1230	1252	1263	1262	1275	1286	1270	1169
1289	1312	1327	1330	1335	1326	1269	1260
1262	1331	1360	1368	1380	1375	1362	1313
1314	1359	1384	1390	1391	1389	1364	1330
1383	1380	1382	1377	1371	1369	1361	1303
1314	1354	1356	1346	1335	1329	1322	1283
1225	1308	1313	1288	1284	1276	1287	1216
1209	1272	1271	1231	1242	1241	1228	1196