



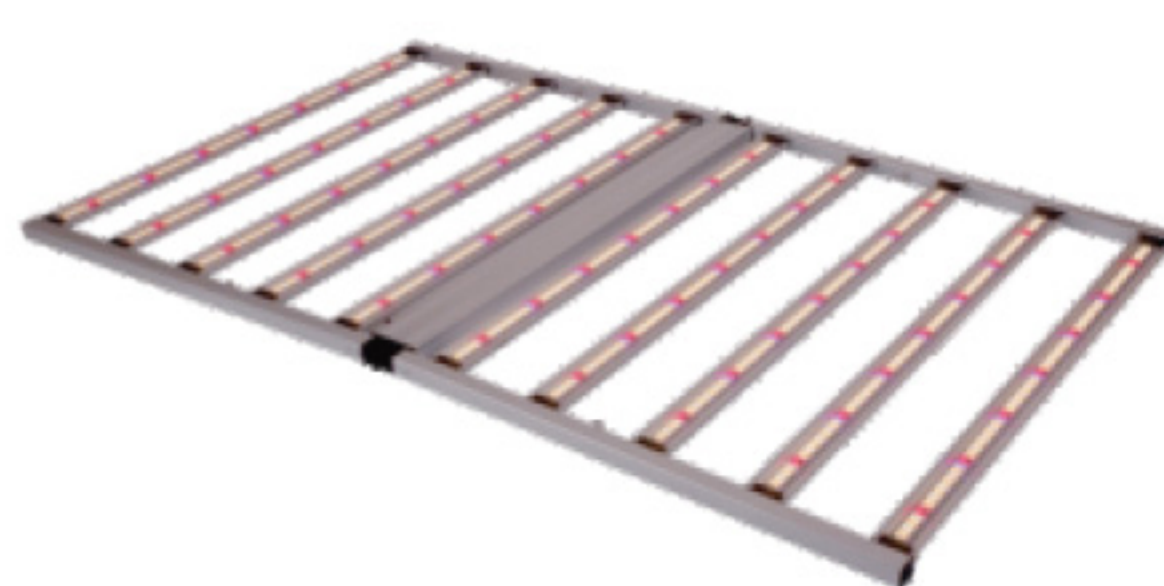
LED GROW LIGHT

01-02



YB6-640-2C1
YB8-800-2C1
YB8-1000-2C1

03-04



YB10-1000-3C1
YB12-1200-2C1

05-06



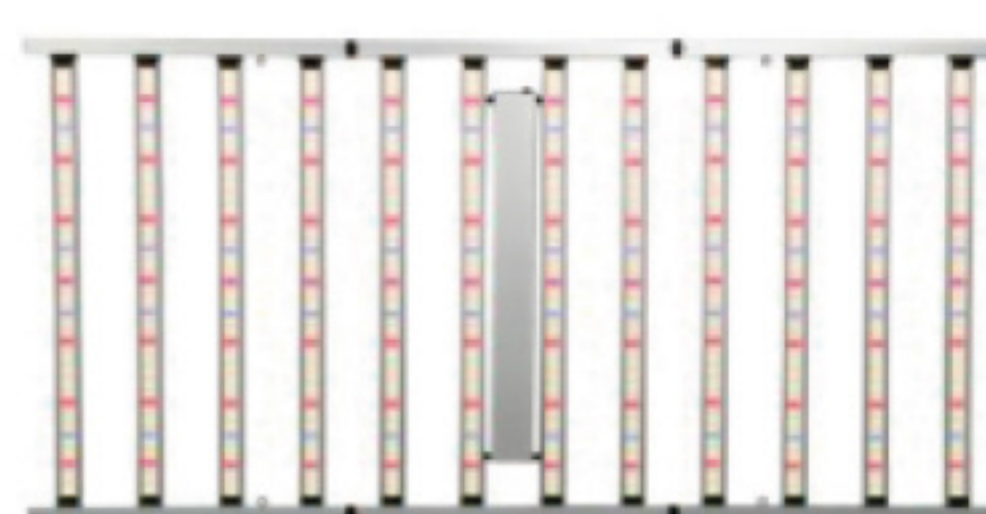
YB12-1200-3C1
YB15-1500-3C1

07-08



YB82-800-2C1
YB82-1000-2C1
YB102-1000-2C1

09-10



YB122-1200-3C1
YB152-1500-3C1

11-12



T-800-L

13-14



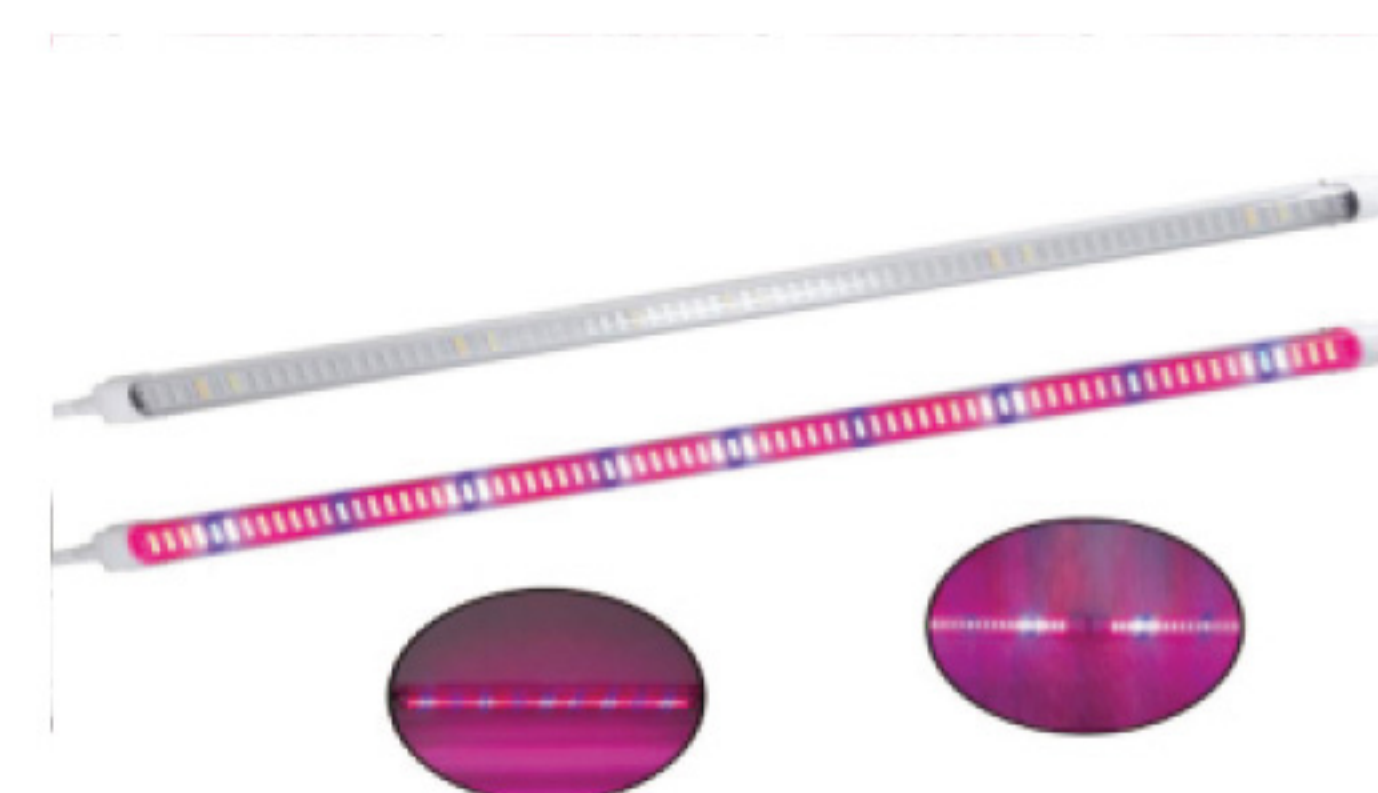
L-100-D
L-150-D
L-200-D

15-16



T8-20-1.2-220
T8-20-1.2-24

17-18



U-50-D
U-100-D
U-150-D



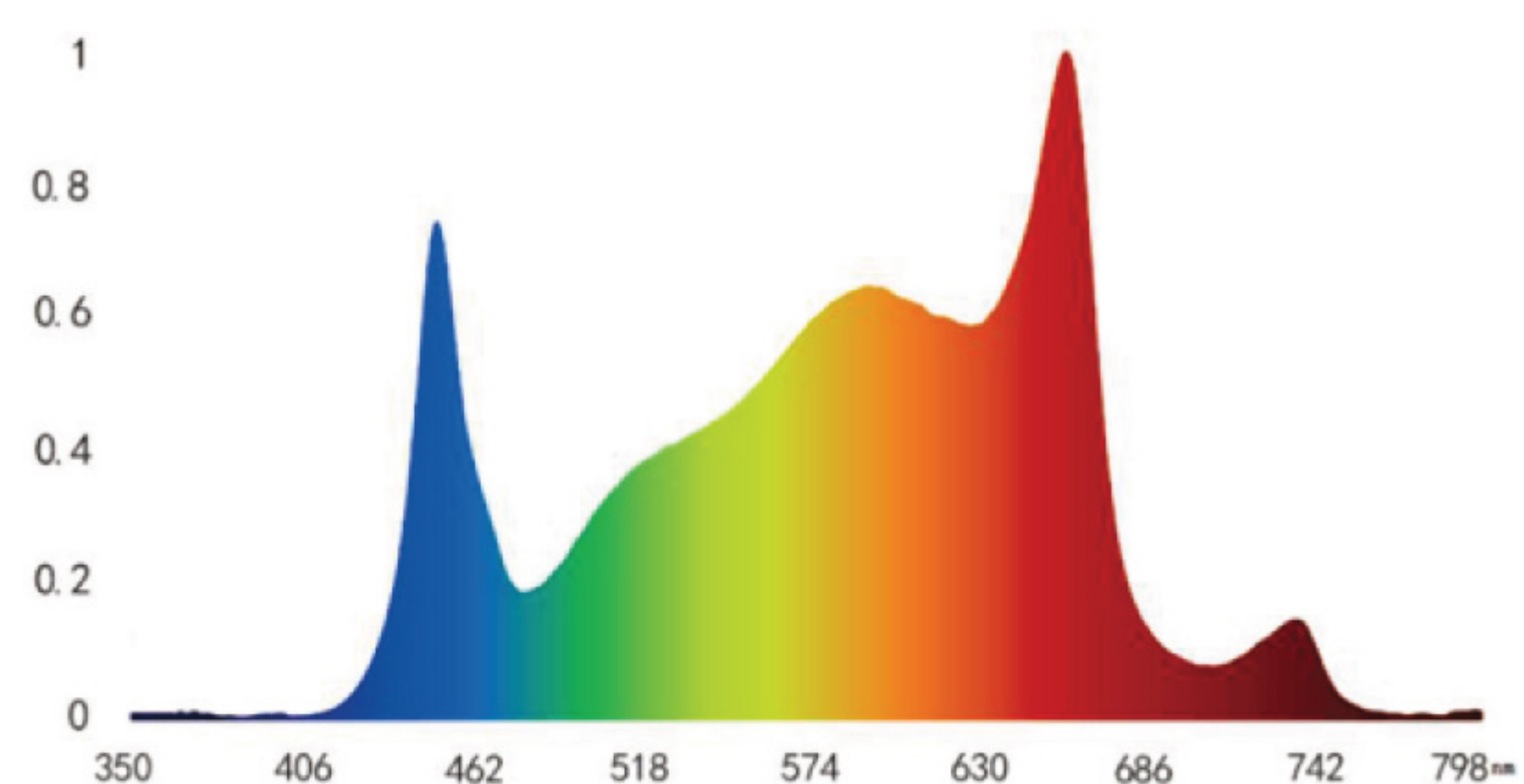
Foldable Grow Light

- ▶ **Input voltage 110-277VAC .**
- ▶ **The lamp is fold able,Beam Angle 120° .**
- ▶ **Output constant current lever can be adjusted through output cable with 0-10V.**
- ▶ **Easy to install and operate, Energy saving, long lifespan.**
- ▶ **Can be extended with extra light bars.**

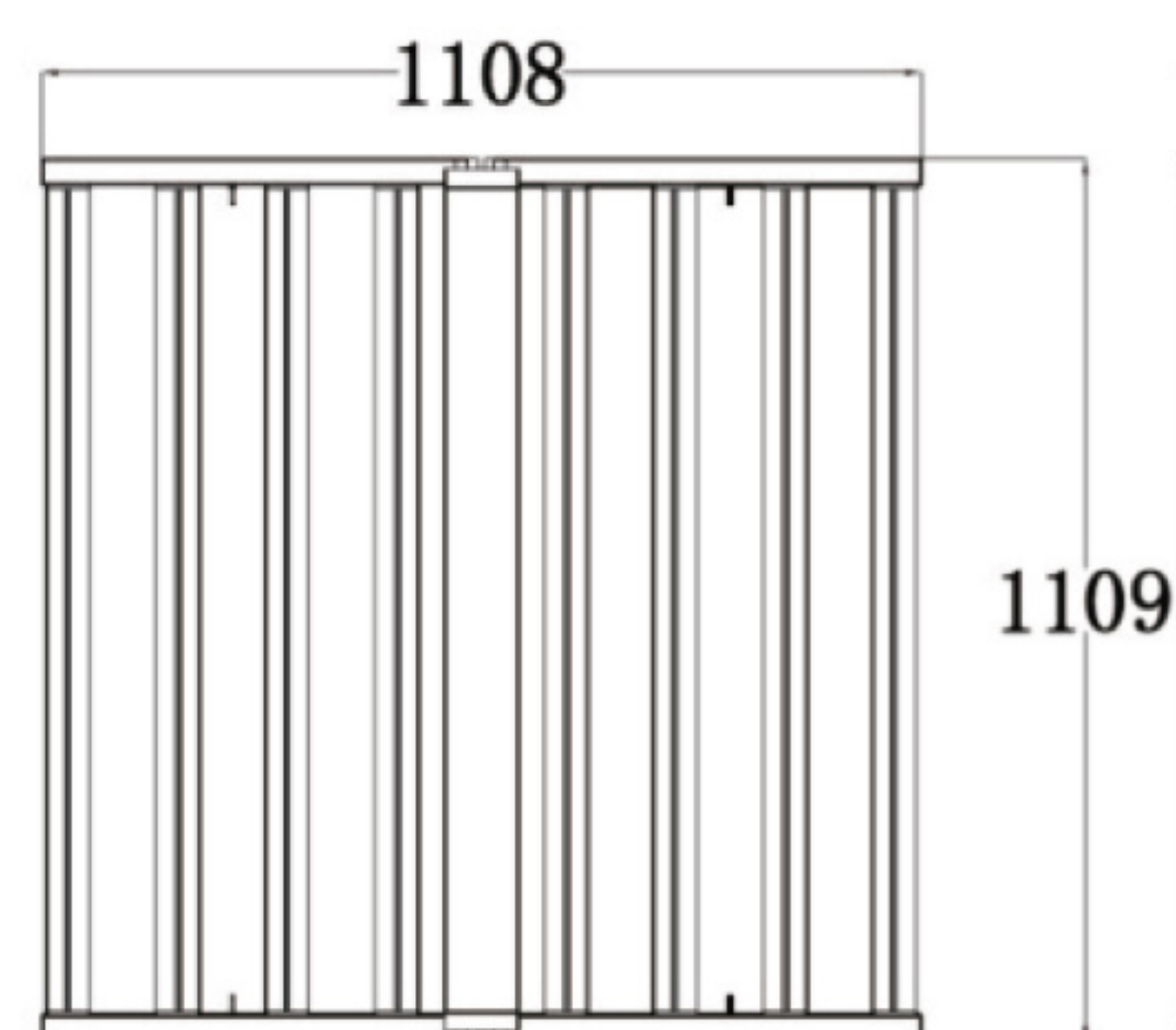
SPECIFICATIONS

Type specification	YB 6-640-2C1-110	YB 8-800-2C1-110	YB 8-1000-2C1-110
Power	640W	800W	1000W
Count	6PCS	8PCS	8PCS
Input voltage	110-277VAC 50/60Hz	110-277VAC 50/60Hz	110-277VAC 50/60Hz
PPF (380-780nm)	1800μmol/S	2240μmol/S	2800μmol/S
EFF	2.8μmol/J	2.8μmol/J	2.8μmol/J
Coverage	4ft×4ft	4ft×4ft	4ft×4ft
Lamp size	1085*1060*61mm	1085*1060*61mm	1085*1060*61mm
Box packing size	1140*125*600mm	1140*125*600mm	1140*125*600mm
N.W	11.2kg/PC	12.2kg/PC	12.5kg/PC
Lifespan	>50,000H	>50,000H	>50,000H

SPECTRUM



LINE DIMENSION



PPFD

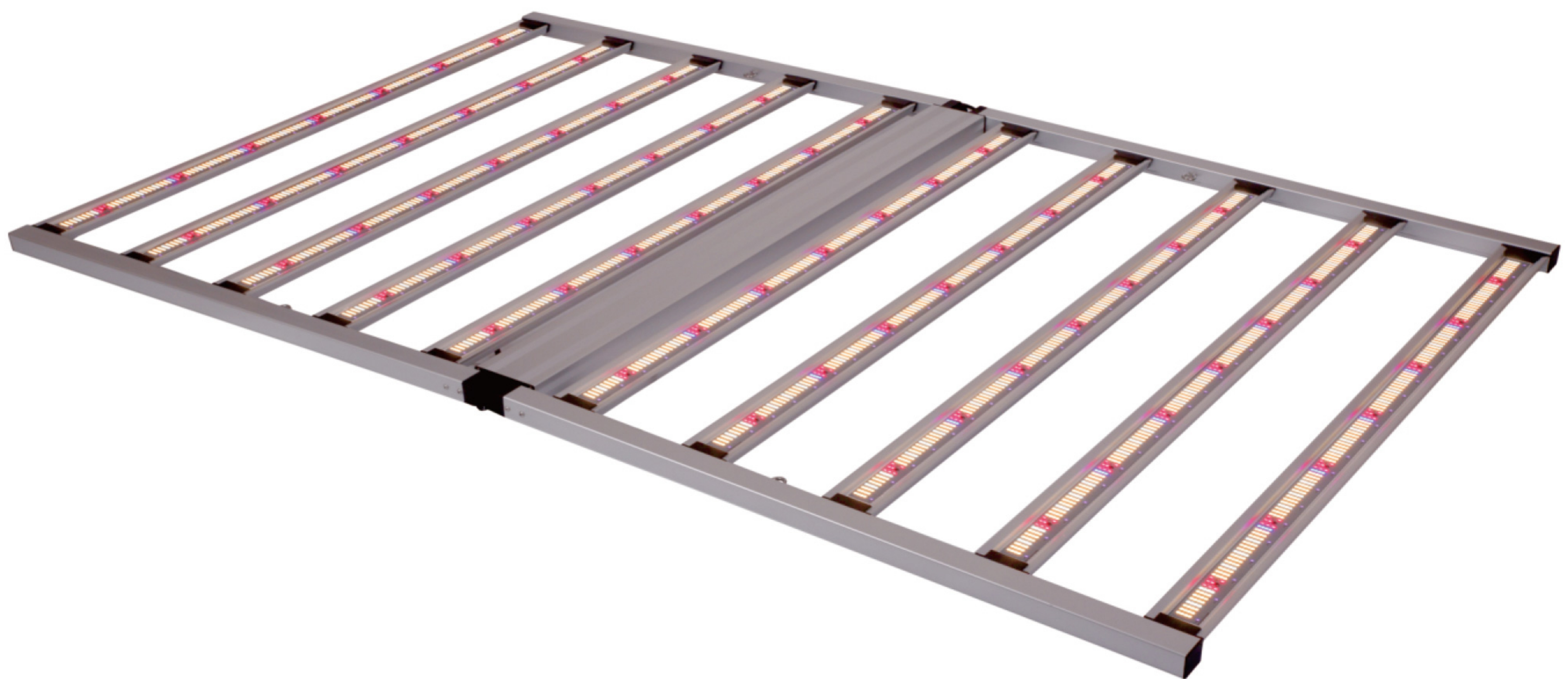
1000W 1.1x1.1M

30cm

985	1016	1039	1066	1068	1053	1042	1016	945
971	1042	1268	1446	1496	1439	1262	1018	975
1095	1152	1514	1652	1865	1651	1584	1139	1092
1123	1251	1632	1735	1923	1726	1626	1246	1116
1106	1197	1609	1796	1976	1809	1631	1242	1121
1102	1168	1602	1714	1948	1782	1613	1235	1112
1099	1139	1565	1578	1881	1657	1573	1134	1095
986	1023	1267	1442	1512	1435	1261	1061	983
965	1015	1042	1068	1080	1062	1035	1013	971

45cm

906	974	986	992	995	994	988	977	889
923	985	1132	1214	1215	1212	1152	1027	927
945	1073	1206	1359	1477	1372	1244	1076	931
952	1076	1296	1413	1578	1477	1354	1125	947
939	1078	1391	1497	1624	1514	1400	1142	954
935	1129	1354	1452	1603	1443	1352	1123	941
925	1123	1245	1358	1493	1368	1234	1118	924
921	997	1069	1152	1268	1236	1157	1068	923
943	974	982	1013	1014	1012	986	978	917



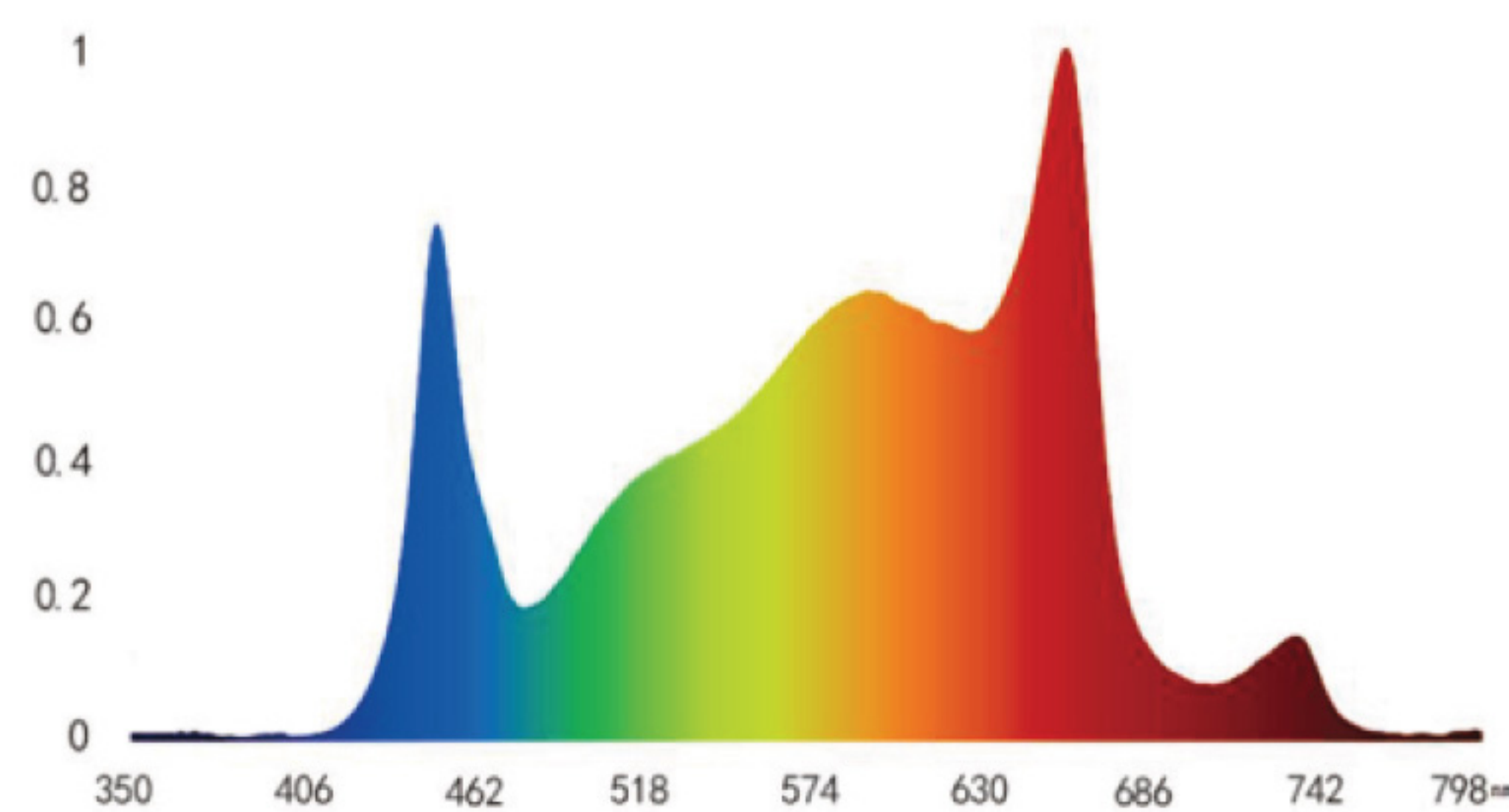
Foldable Grow Light

- ▶ Input voltage 110-277VAC
- ▶ The lamp is fold able, Beam Angle 120
- ▶ Reserved AC parallel connector on the right side of the right for connecting multiple lights
In parallel via an AC plug.
- ▶ Can be extended with extra light bars.
- ▶ Output constant current lever can adjusted through output with 0-10V.

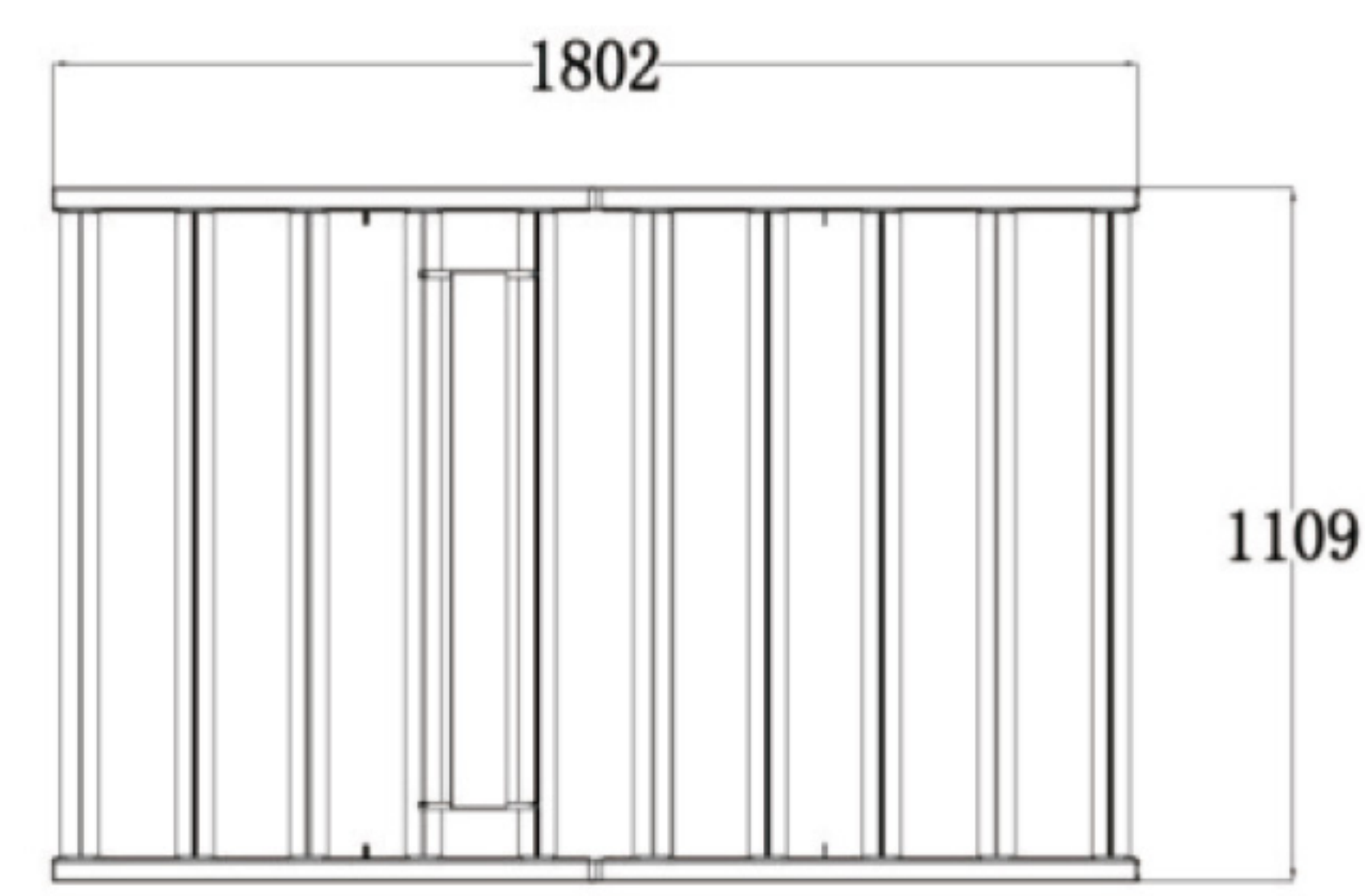
SPECIFICATIONS

Type specification	YB10-1000-2C1-180	YB12-1200-2C1-180
Power	1000W	1200W
Count	10PCS	12PCS
Input voltage	110-277VAC 50/60Hz	110-277VAC 50/60Hz
PPF (380-780nm)	2800μmol/S	3360μmol/S
EFF	2.8μmol/J	2.8μmol/J
Coverage	4ft×6ft	4ft×6ft
Lamp size	1109*1802*61mm	1109*1802*61mm
Box packing size	1140*112*95.5mm	1140*112*95.5mm
N.W	15.5kg	18.3kg
Lifespan	>50,000H	>50,000H

SPECTRUM



LINE DIMENSION



PPFD

1000W 1.8x1.1M

30CM

872	572	551	566	690	568	548	651	873
763	911	896	998	1101	1003	1000	1006	901
690	950	1299	1094	1296	1053	1096	963	920
681	859	1154	1151	1294	1159	1155	857	678
679	936	1300	1057	1298	1055	1100	994	953
780	920	990	1011	1103	1007	980	1008	960
879	891	942	568	692	570	560	640	876

45CM

693	699	608	631	587	548	623	715	703
708	874	671	785	874	779	668	877	721
711	861	688	789	683	786	686	881	716
443	919	930	944	1105	941	932	922	447
553	678	680	791	1103	785	684	671	556
713	881	652	780	871	786	661	875	710
702	708	607	551	584	554	610	710	700



Foldable Grow Light

- ▶ **Two Channels Dimmers**
- ▶ Input voltage 176-277VAC
- ▶ The lamp is fold able, Beam Angle 120
- ▶ Reserved AC parallel connector on the right side of the right for connecting multiple lights In parallel via an AC plug.
- ▶ Can be extended with extra light bars.
- ▶ Output constant current lever can adjusted through output with 0-10V.

SPECIFICATIONS

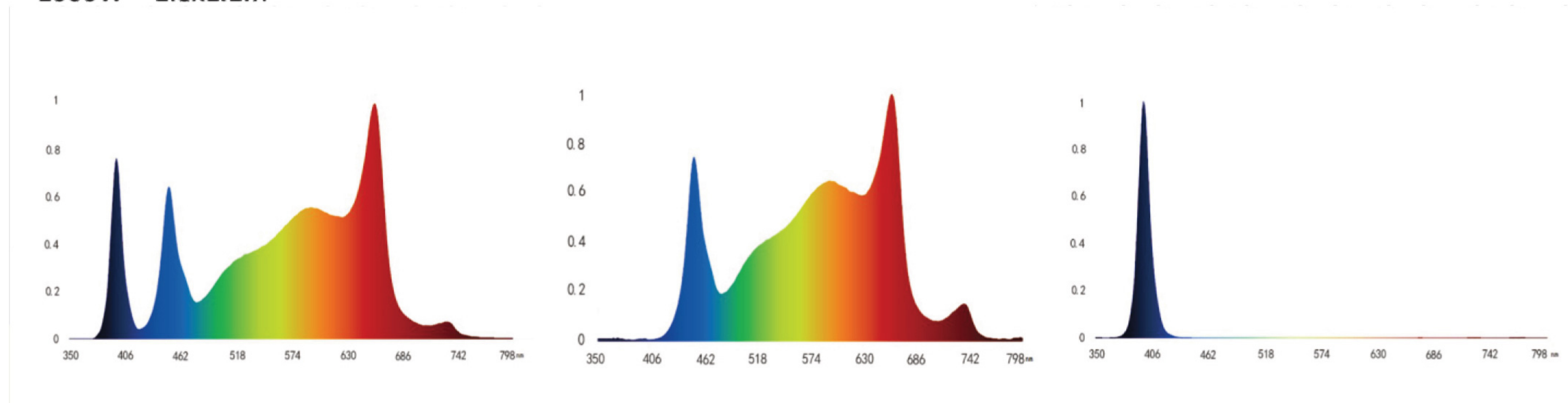
Type specification	YB62-740-2C1-110	YB82-900-2C1-110	YB82-1100-2C1-110	YB82-1100-2C1-180
Power	640W+100W(UV)	800W+100W(UV)	1000W+100W(UV)	1000W
Count	6PCS	8PCS	8PCS	10PCS
Input voltage	110-277VAC 50/60Hz	110-277VAC 50/60Hz	110-277VAC 50/60Hz	110-277VAC 50/60Hz
PPF (380-780nm)	1800μmol/S	2240μmol/S	2800μmol/S	2800μmol/S
EFF	2.8μmol/J	2.8μmol/J	2.8μmol/J	2.8μmol/J
Coverage	4ft×4ft	4ft×4ft	4ft×4ft	4ft×6ft
Lamp size	1085*1060*61mm	1085*1060*61mm	1085*1060*61mm	1802X1109X65mm
Box packing size	1140*125*600mm	1140*125*600mm	1140*125*600mm	1155*120*980mm
N.W	11.2kg/PC	12.2kg/PC	12.5kg/PC	15.5kg/PC
Lifespan	>50,000H	>50,000H	>50,000H	>50,000H

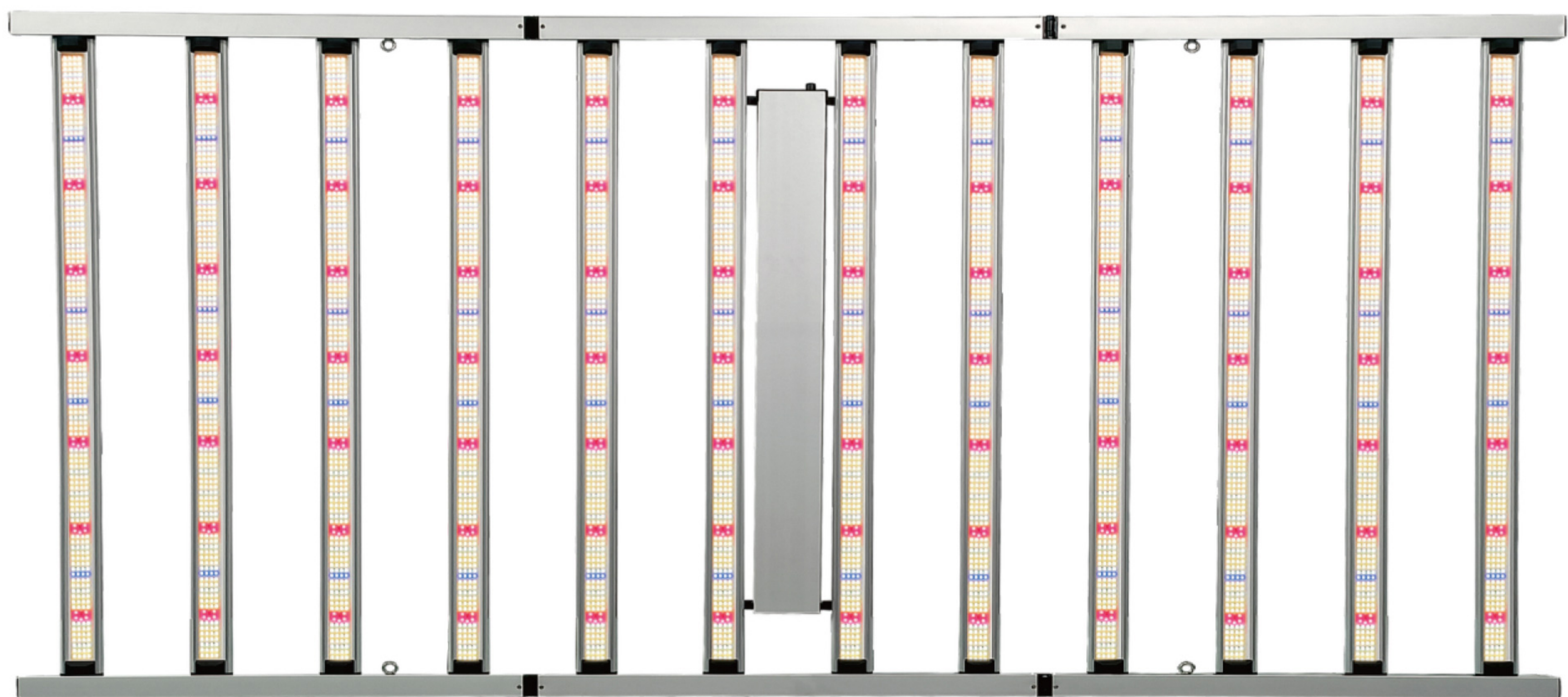
PPFD



SPECTRUM

1000W 1.8x1.1M





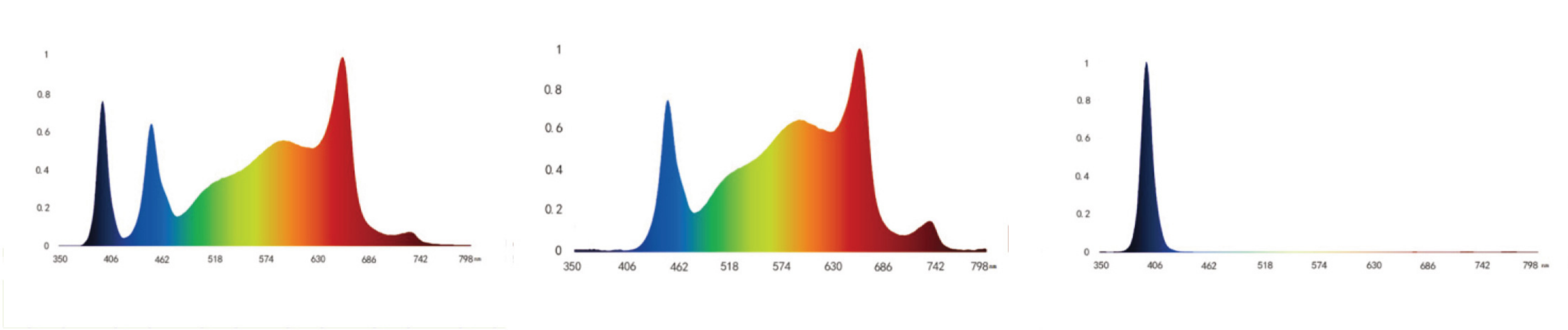
Foldable Grow Light

- ▶ **Two Channels Dimmers**
- ▶ Input voltage 110-277VAC
- ▶ fold from up and down, the whole lamp in package, more convenient without disassembly.
- ▶ Reserved AC parallel connector on the right side of the right for connecting multiple lights
In parallel via an AC plug.
- ▶ Can be extended with extra light bars.
- ▶ Output constant current lever can adjusted through output with 0-10V.

SPECIFICATIONS

Type specification	YB122-1200-3C1-210	YB152-1500-3C1-240
Power	1200W	1500W
Count	12PCS	15PCS
Input voltage	110-277VAC 50/60Hz	110-277VAC 50/60Hz
PPF (380-780nm)	3360μmol/S	4200μmol/S
EFF	2.8μmol/J	2.8μmol/J
Coverage	5ft×8ft	5ft×8ft
Lamp size	2084X1109X65mm	2384X1109X65mm
Box packing size	1130*620*120mm	1165*860*145mm
N.W	16kg	18.4kg
Lifespan	>50,000H	>50,000H

SPECTRUM



PPFD

1500W 2.4x1.1M

30cm

825	832	891	924	934	894	883	843	790
863	999	1051	1082	1251	1122	1046	989	831
935	1264	1289	1292	1431	1285	1282	1255	936
952	1264	1283	1387	1445	1388	1284	1261	946
1008	1294	1299	1312	1450	1302	1295	1290	1007
935	1262	1281	1286	1343	1285	1263	1252	981
934	1151	1283	1284	1336	1282	1281	1157	937
827	994	1051	1062	1240	1126	1042	986	826
812	834	897	899	930	896	894	835	794

45cm

758	789	799	882	883	881	798	786	756
824	881	836	1066	1142	1062	934	870	826
872	943	1042	1121	1243	1116	1036	937	869
942	1126	1148	1187	1252	1189	1142	1124	941
994	1173	1187	1196	1272	1198	1184	1178	996
943	1126	1139	1184	1246	1185	1138	1122	937
868	937	1036	1116	1240	1113	1033	936	867
829	874	925	1063	1234	1054	928	877	826
752	768	799	834	885	837	792	761	751



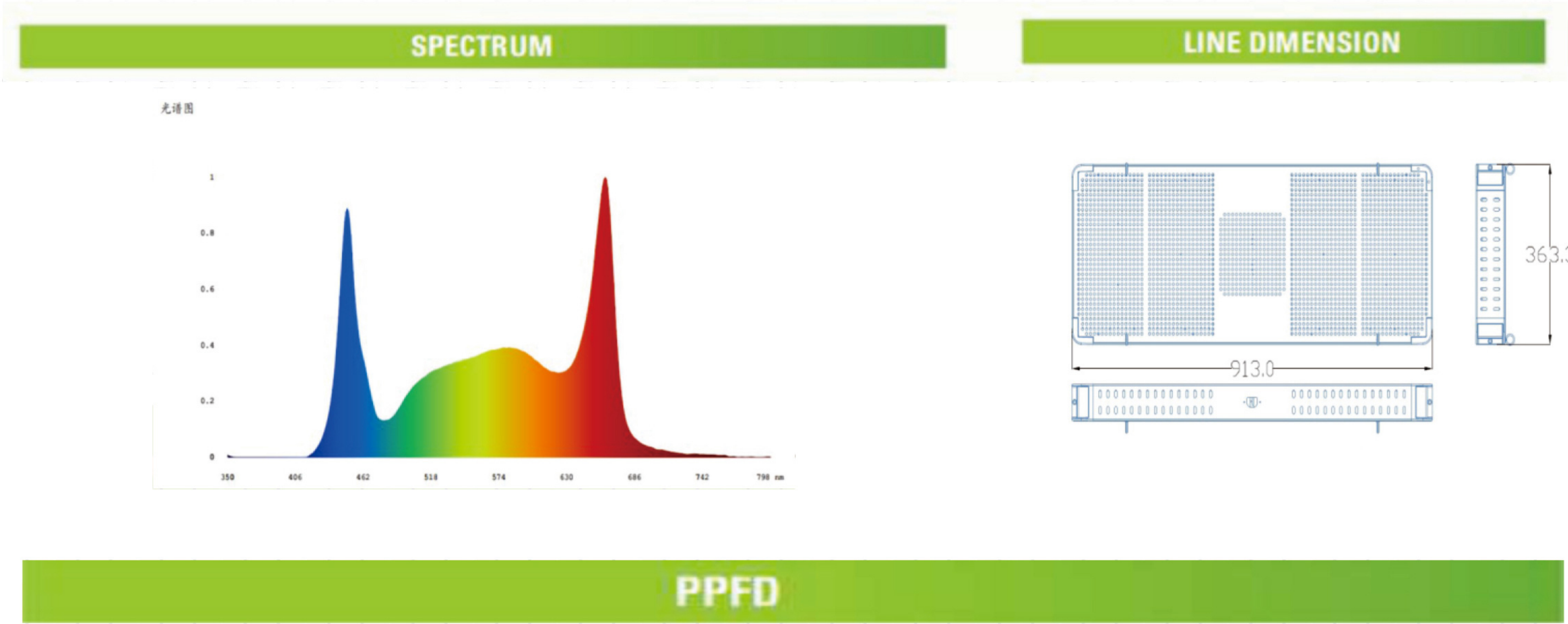


LED Crow Light

- ▶ Input voltage 110-277VAC
- ▶ Optional dimming knob, Able to adjust the luminance of the lamp with the non-polar Dimming rotary.
- ▶ Light is soft and uniform, safe to eyes, Shine on both sides.
- ▶ Quick and easy wiring, can be connected multiply in series.

SPECIFICATIONS

Type specification	T-800-L
Power	800W
Count	2PCS
Input voltage	110-277VAC 50/60Hz
PPF (380-780nm)	2240μmol/S
EFF	2.8μmol/J
Coverage	5ft×8ft
Lamp size	915*363*75mm
Box packing size	967*417*127mm
N.W	16.5kg
Lifespan	>50,000H





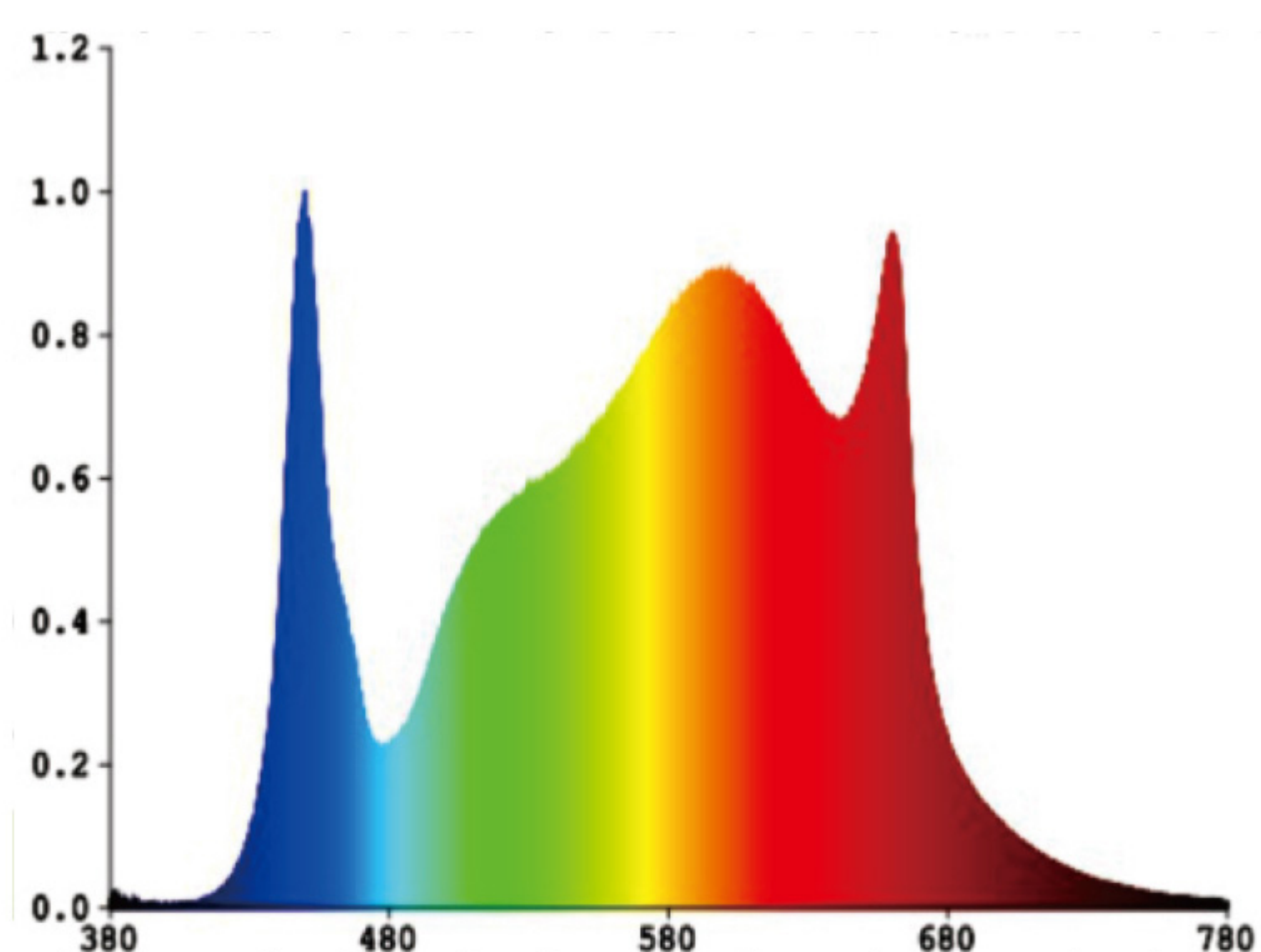
LED Crow Light

- ▶ Input voltage 120-277VAC.
- ▶ IP65 waterproof.
- ▶ Output constant current lever can adjusted through output with 0-10V.
- ▶ Easy to install and operate, Energy saving, long lifespan.

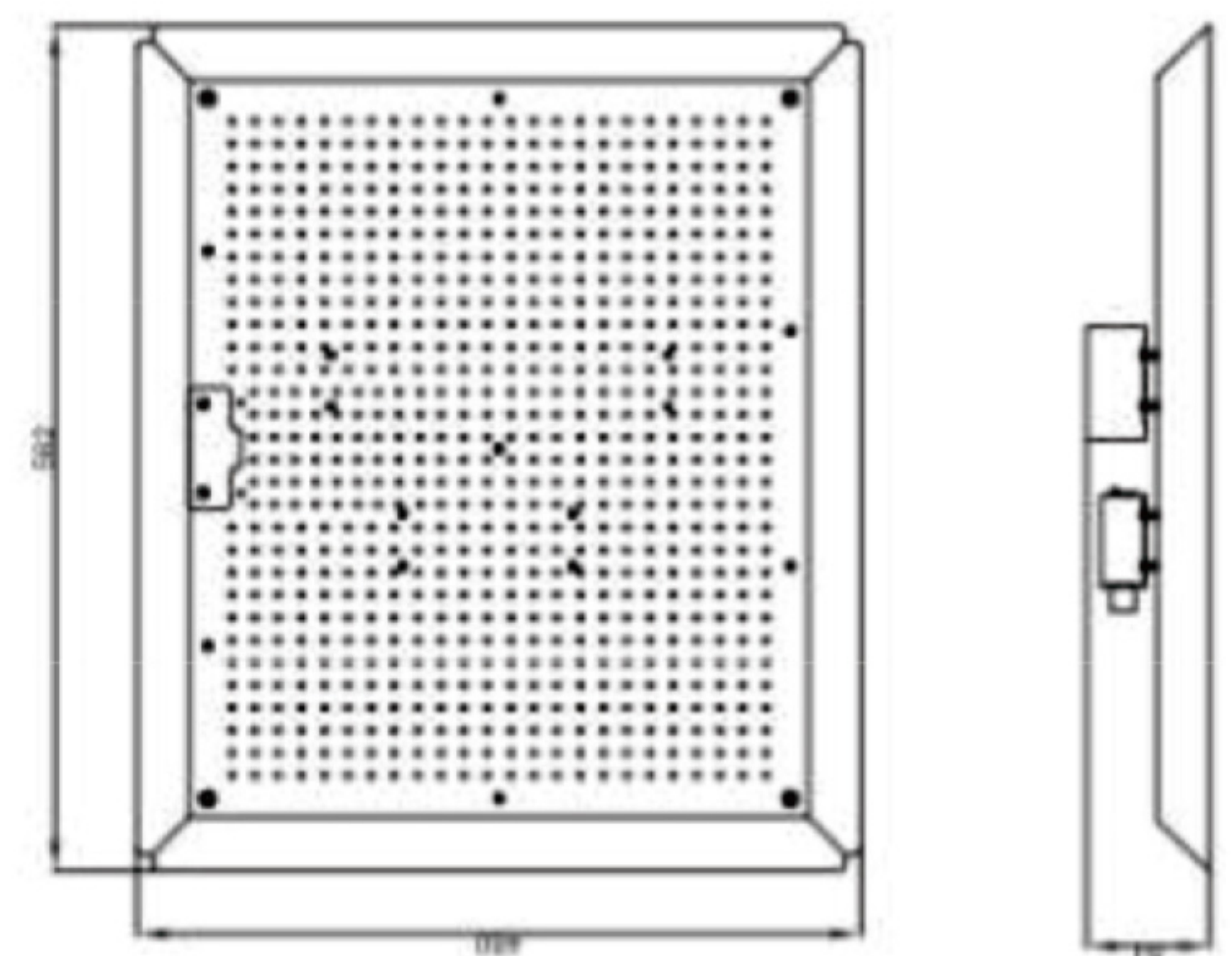
SPECIFICATIONS

Type specification	L-100-D	L-150-D	L-300-D
Power	100W	150W	300W
Input voltage	120-277VAC 50/60Hz	120-277VAC 50/60Hz	120-277VAC 50/60Hz
PPF (380-780nm)	280μmol/S	420μmol/S	840μmol/S
EFF	2.8μmol/J	2.8μmol/J	2.8μmol/J
Coverage	4x4ft 5x5ft	4x4ft 5x5ft	4x4ft 5x5ft
Lamp size	420*395*75mm(1pcs)	420*395*75mm	562*480*83mm
Box packing size	470*445*116mm	478*453*520mm(4pcs)	600*540*140mm (1pcs)
N.W	1.8kg/pcs	2.2kg/pcs	3.75kg/pcs
Lifespan	>50,000H	>50,000H	>50,000H

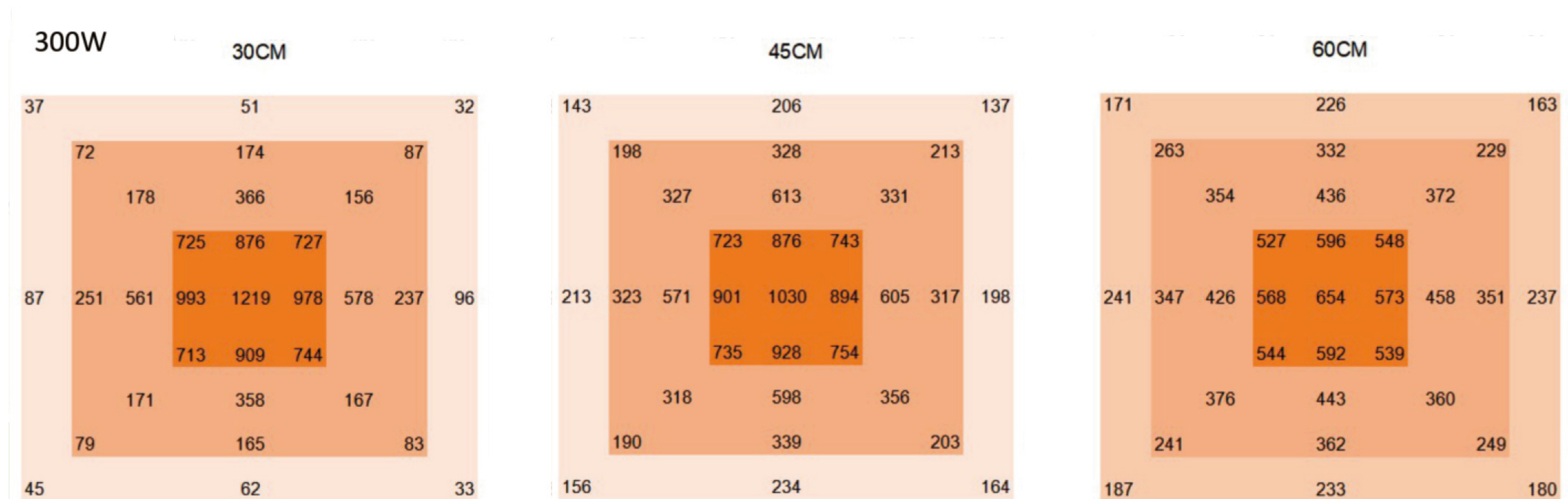
SPECTRUM

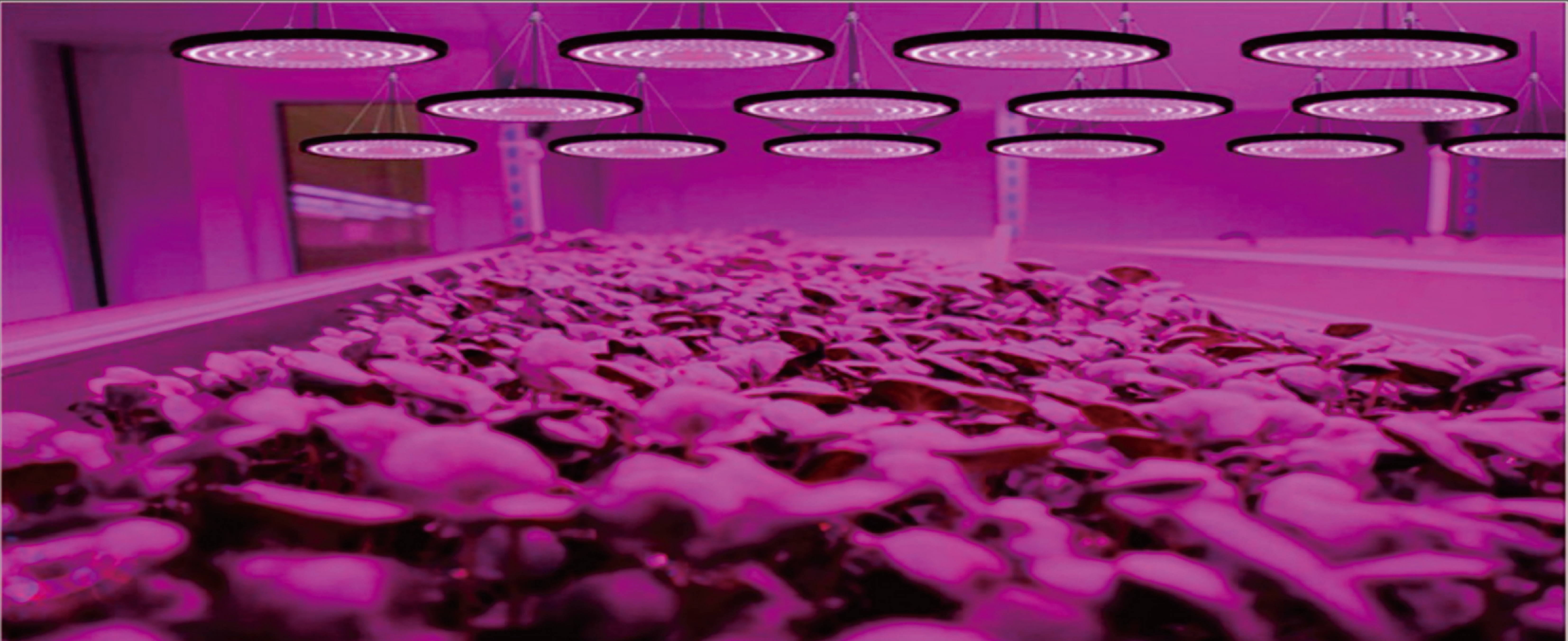


LINE DIMENSION

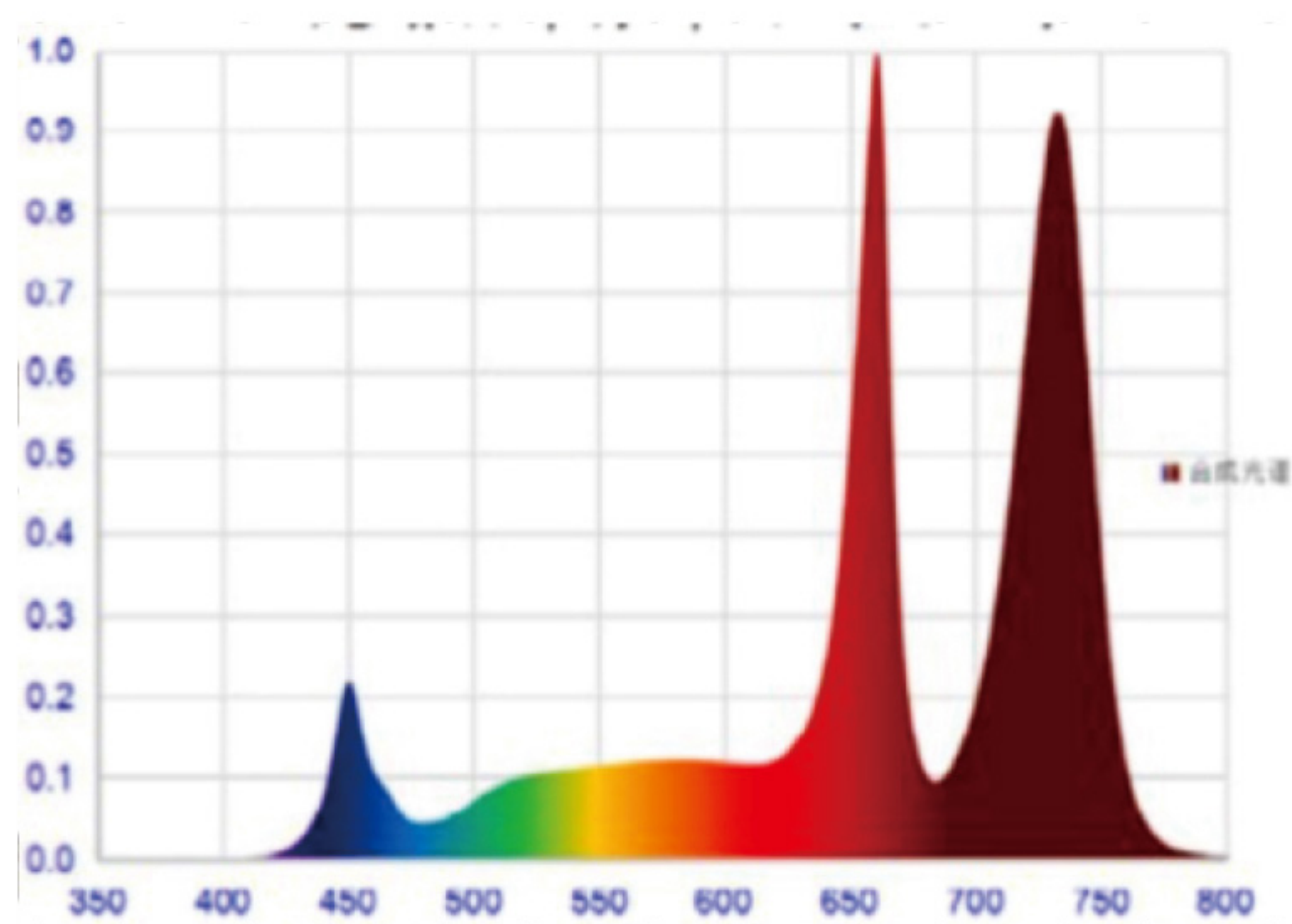


PPFD





SPECTRUM

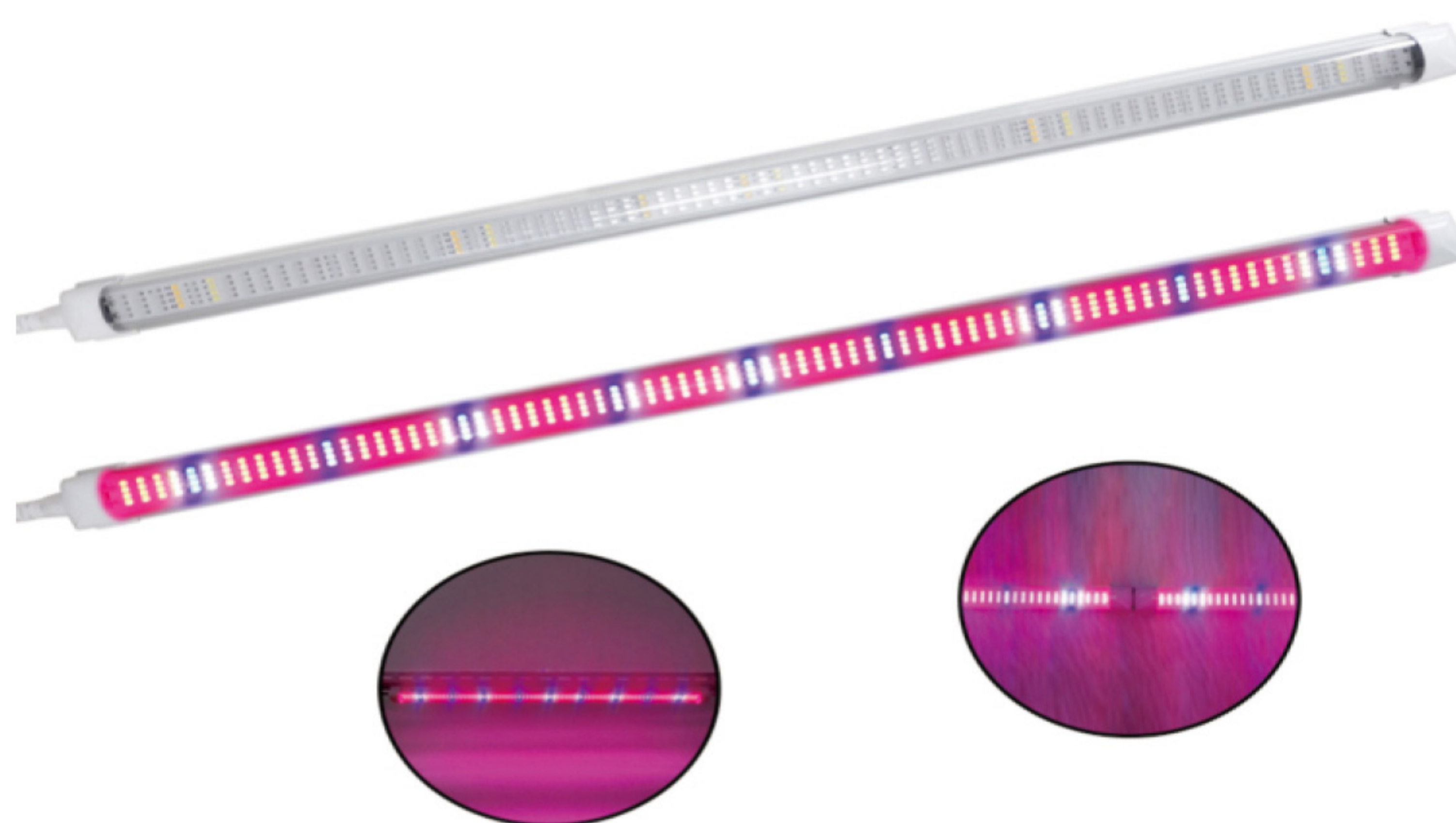


LINE DIMENSION



SPECIFICATIONS

Type specification	U-50W-D	U-100W-D	U-150W-D
Power	50W	100W	150W
Input voltage	120-277VAC 50/60Hz	120-277VAC 50/60Hz	120-277VAC 50/60Hz
PPF (380-780nm)	130μmol/S	260μmol/S	390μmol/S
Lamp size	220*220*125m	260*260*125mm	300*300*130mm
Box packing size	240*240*155mm	285*285*165mm(4pcs)	320*320*165mm (1pcs)
N.W	1.7kg/pcs	2.1kg/pcs	2.3kg/pcs
Lifespan	>50,000H	>50,000H	>50,000H



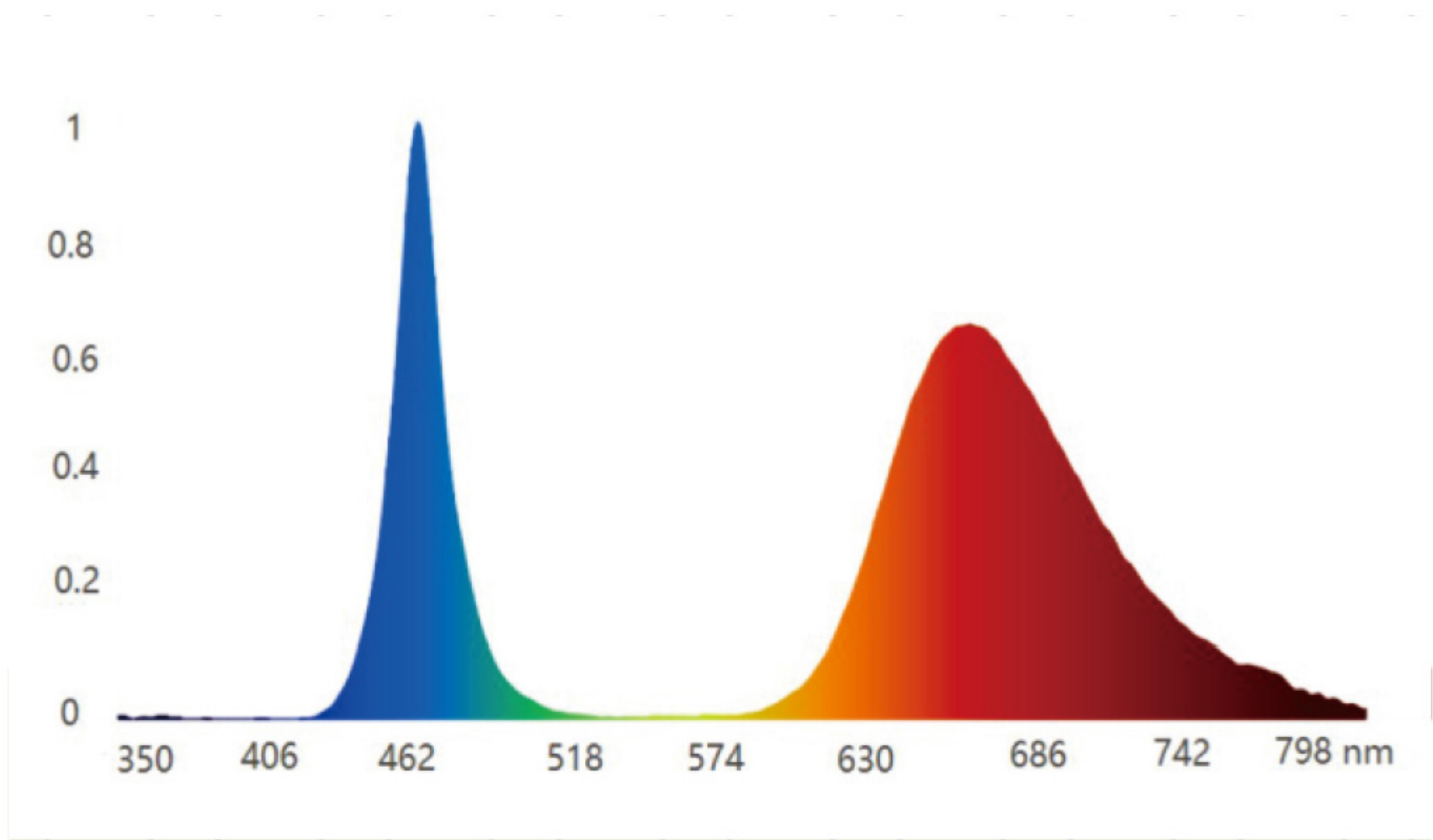
LED Crow Light

- ▶ Input voltage 120-277VAC / 24VDC
- ▶ Supplement from the side.
- ▶ Horizontal or vertical parallel connection can be selected according to demand, up to 8 Lamps
- ▶ Can be connected in series.
LED tube connection method, the connection length and width can be adjusted freely.

SPECIFICATIONS

Type specification	T8-20-1.2-220	T8-20-1.2-24
Power	20W	20W
Input voltage	120-240VAC 50/60Hz	DC24V
PPF (380-780nm)	42μmol/S	42μmol/S
EFF	2.1μmol/J	2.1μmol/J
Lamp size	1200*26mm	1200*26mm
Box packing size	1310*210*210mm(25pcs)	1310*210*210mm(25pcs)
N.W	310g/pcs	280g/pcs
Lifespan	>50,000H	>50,000H

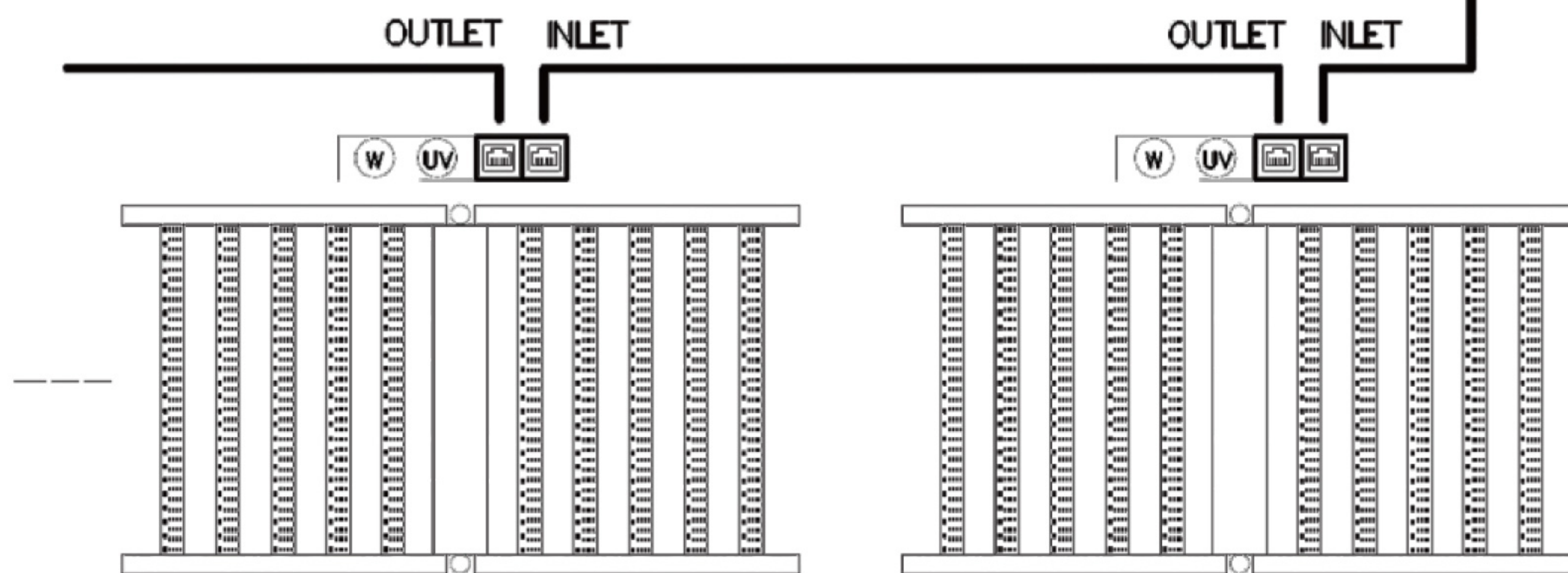
SPECTRUM



LINE DIMENSION



Instructions



Product description

This product is a cascaded dimmer for lamps and lanterns, the output is PWM signal, can realize off-line networking, do not need gateway, low-cost easy networking, the product can be used for both main control and sub-control.

Applications

Greenhouse, Hydroponics, Horticulture, Aeronautic, Garden, Grow tent,



Product Feature

- Shorten growth cycles;
- Improve color, shape and taste;
- Plant growth is not affected by the weather,
- Custom light recipe to fit your crop & situation;
- Best for all plants all stages growing
- Increase yield & crop quality;
- Low maintenance costs;
- Easy to mount and connect.

Using Tips:

1. Lighting Time setup: Vegetative Stage: 12 - 14 hours on; Flowering Stage: 9-12 hours on; Fruiting Stage: 7-8 hours on.
2. Suggest distance above plants: 1.8 - 3.2ft.
3. Coverage Area: about 7×7ft (The lighting area and the height are adjustable according to different plants and environments.)

Attention:

1. The working environment: -20-40C, 45%RH ~ 90%RH.
2. No extra ballast is needed, plug and play.
3. Extremely bright, do not look directly when the light is working.

Services:

1. We provide two-year warranty, it does not include human damage;
2. The above information is for reference only, our company reserves the right of final interpretation

About LED Spectrum

Purple & UV Spectrum 390-405nm

1. Purple Spectrum is the spectrum mainly for Phosphorus, aluminum and vitamin D generated and absorbed by the plant.
2. Purple spectrum can inhibit the main and leaf growing of the plant ,
3. Purple spectrum can stimulate the flower breeding pigment, prompt flower or leaf color, increase the quality of scapus of plant .

Blue Spectrum 450-460nm

1. Blue spectrum is benefit to initial stage of plant growth ,it is prompt to root system growing .
2. Blue spectrum can inhibit the main and leaf growing of the plant ,but can be benefit for sturdy for the main trunk.
3. Chlorophyll a/b is highly absorbed in Blue spectrum, it mainly can be benefit for plant to be compound for protein and amino acid.
4. The blue spectrum is benefit to growth of the plant for more stronger, healthy , it increase more outcome of the plant.
5. When weak lighting environment, the photosynthesis (of plant)to Blue spectrum is lower than Red spectrum.

Green Spectrum 515-525nm /seeding spectrum 550-570nm

1. The green spectrum is benefit to the photosynthesis of plant.
2. Under the strong lighting environment (be matched with other spectrum) the green spectrum have greatest effect.
3. The green spectrum can help the photosynthesis of whole plant
4. The green spectrum can decrease the lighting pollution from eyes.

Plant Red Spectrum 655-665nm

1. The red spectrum is the main force for photosynthesis ,The plant has best photosynthesis effect when Red and blue spectrum matching environment
2. The red spectrum is benefit to carbohydrate compound, it helps plant growing higher and larger size of the leaf.
3. Under the weak lighting environment, the red spectrum has best photosynthesis effect for the plant.

Infrared Led Spectrum 730-740nm

1. The Red spectrum help pigment Pi transform to Pr, it can adjust the blossom and yield of the plant .
2. To match 660nm spectrum using together, it can benefit to photosynthesis of the plant much better than using single spectrum.
3. The red spectrum help plant growing higher and quicker .



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