



# PG SERIES PLANT GROW LIGHT

www.seekingled.com



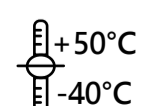
**2.8  $\mu\text{mol}/\text{J}$  320W/400W/650W/730W/1000W/1200W**

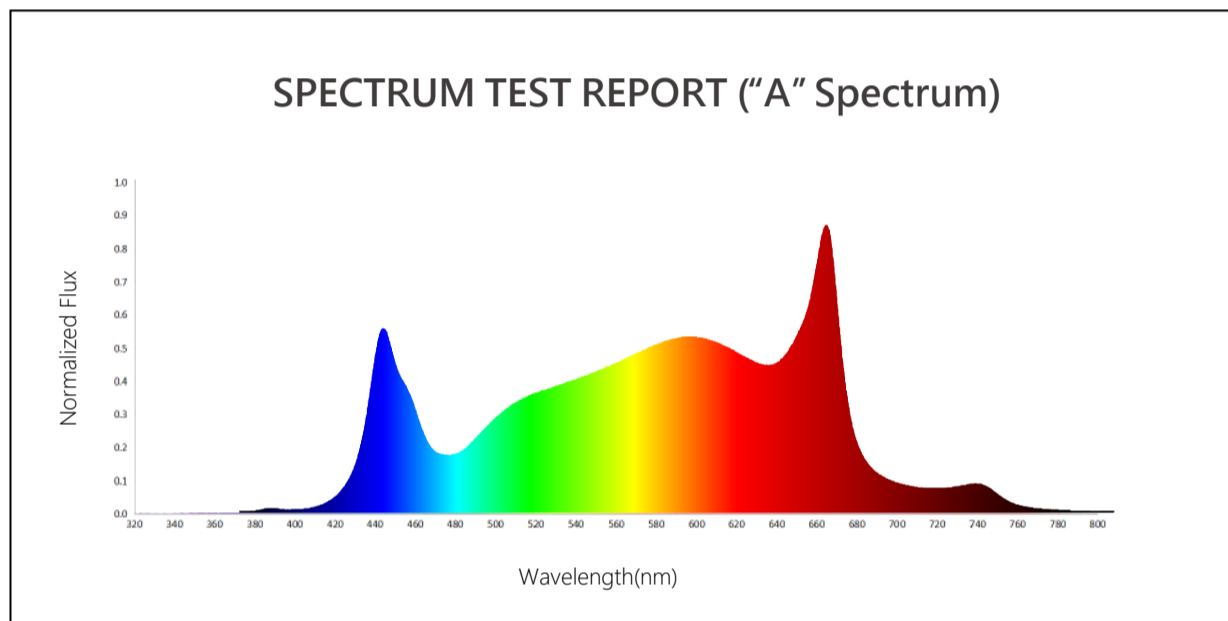
Foldable plant grow light, ultra-thin design, can be folded up to 180 degrees, making it small, compact, convenient for storage and transportation, full-spectrum lamp beads, intelligent brightness adjustment, can adjust the light intensity according to the growth needs of plants in different periods, improve quality and yield. Suitable for basement planting, plant shed planting, trial planting and greenhouse planting.



Rated voltage 100-277V

Frequency 50-60Hz





**395NM  
UV LED**

UV light can inhibit the excessive growth of plants, stimulate the anthocyanin pigments of plants, promote the coloring of fruits or petals and leaves of plants, and improve quality.



**460NM  
blue LED**

Blue light can help plants establish a developed root system and increase the thickness of the plant trunk, but it inhibits the growth of the plant trunk and leaves.



**3000K  
Warm white LED**

Warm white LEDs promote flowering and increase flower size



**5000K  
White LED**

Cool white LED speeds up seed germination and increases the growth rate of plants.



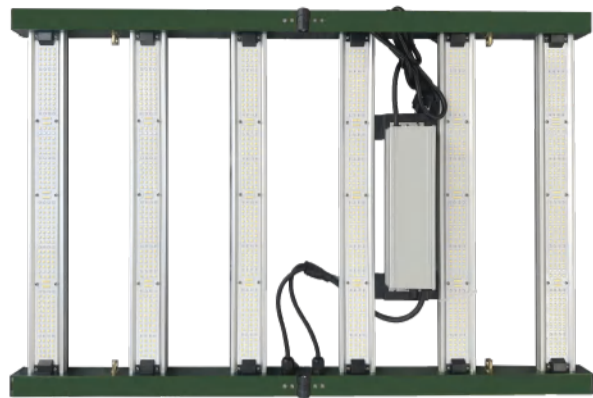
**660NM  
Red LED**

Red light is the main force of photosynthesis. Under the action of certain blue light, the effect of photosynthesis is the best. Red light mainly helps plants to produce carbohydrates, making plants grow taller and leaves larger. In a weak light environment, red light has the highest efficiency in photosynthesis for plants.



**730NM  
blue LED**

Infrared light controls the flowering cycle, and the effect is even better when used in combination with red light. Infrared light can create a shade effect on plants. When plants are irradiated by infrared light, they feel that there are objects high up blocking the light, inhibiting their own growth, and will strive to grow higher, prompting the plants to grow quickly.



XJ-PG320WA-1X



XJ-PG400WA-1X



XJ-PG650WA-1X



XJ-PG730WA-1X



XJ-PG1000WA-1X



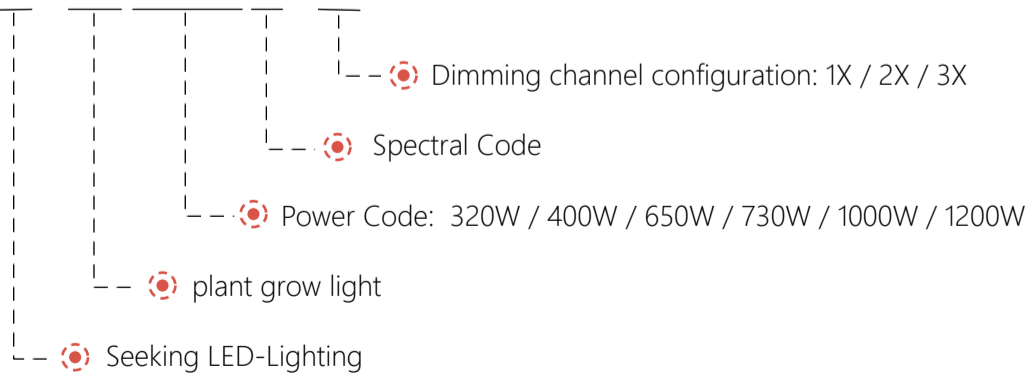
XJ-PG1200WA-1X

## Parameter

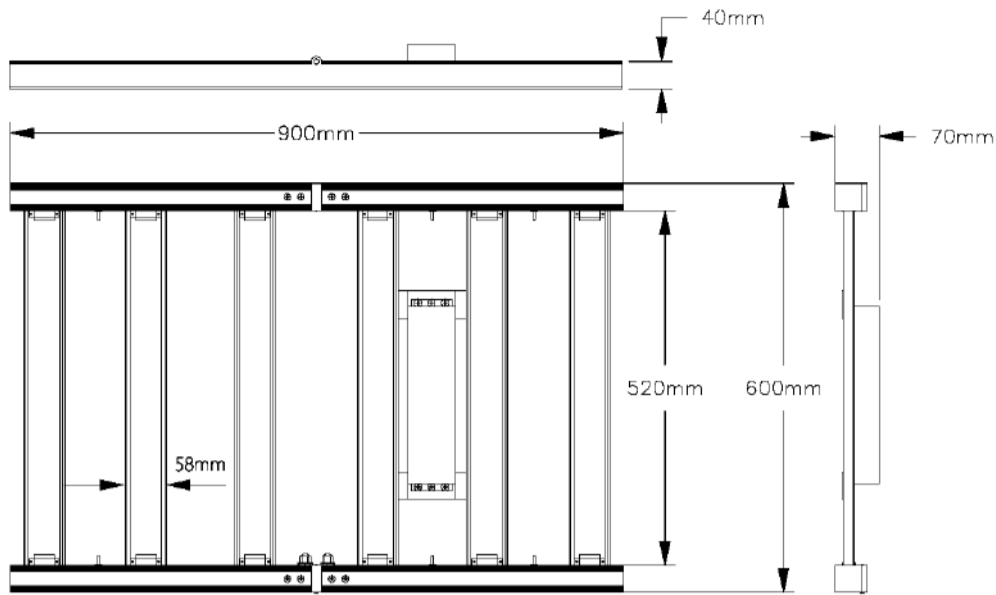
Model NO.	Power (W)	PPF (μmol/s)
XJ-PG320WA-1X	320	896
XJ-PG400WA-1X	400	1120
XJ-PG650WA-1X	650	1820
XJ-PG730WA-1X	730	2044
XJ-PG1000WA-1X	1000	2800
XJ-PG1200WA-1X	1200	3360

AC Input:	100-277V 50/60Hz
Light Source:	SAMSUNG(301B)
Brand of LED Driver:	SOSEN
Efficacy :	2.8 μmol/J
Dimming :	0-10V
Beam Angle:	120°
Mounting Height :	>30 cm above canopy
Waterproof:	IP65
Lifetime :	L90: >50000hrs
PF:	≥0.95 THD<15%
Power Efficiency:	≥0.9
Thermal Management :	Passive
Housing:	Aluminum Alloy
Working Temperature :	104°F/40°C,max
Certifications:	CE
Warranty:	5 Years

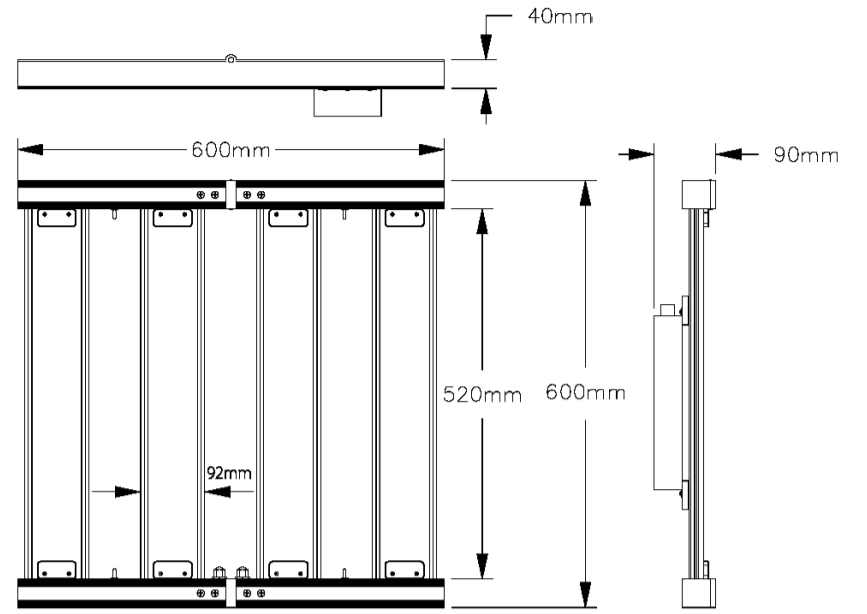
### XJ - PG 1200W A - 1X



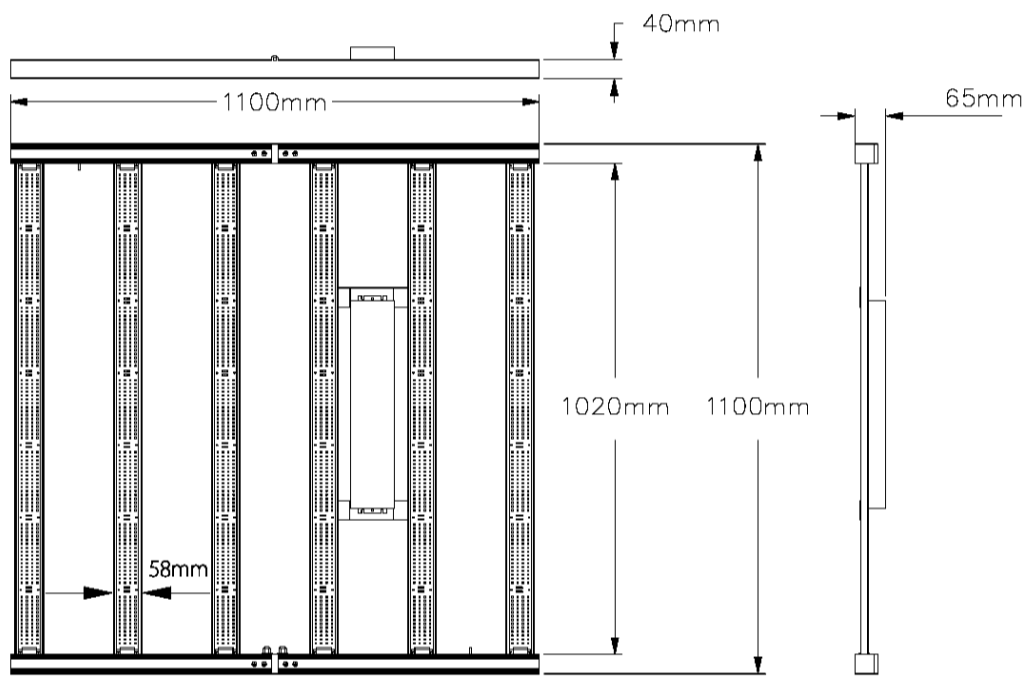
**Dimmable**



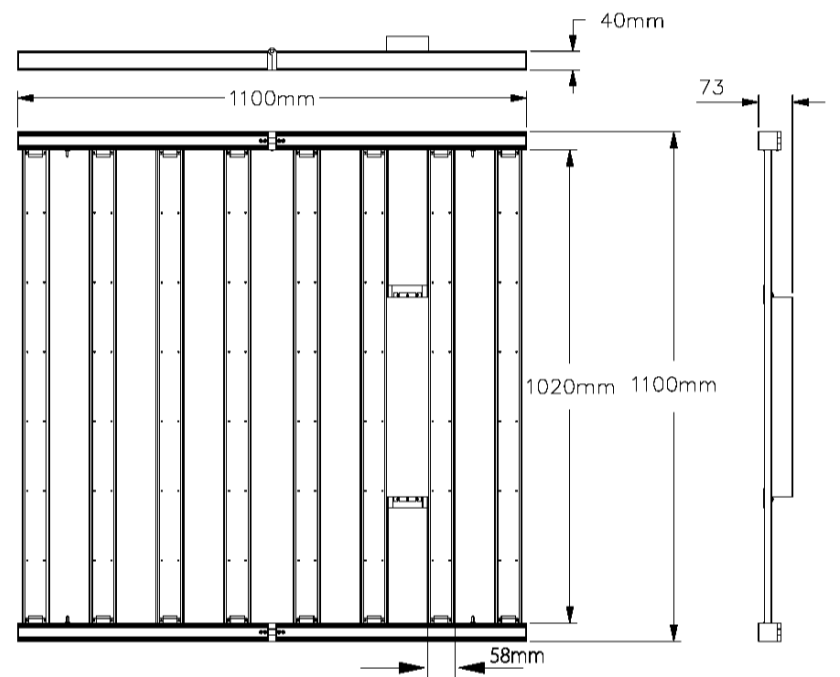
XJ-PG320WA-1X



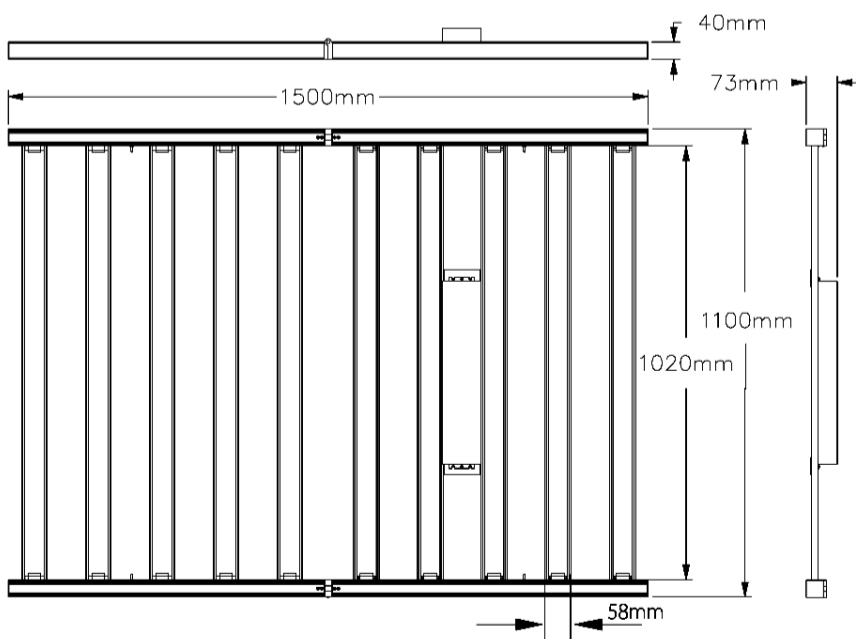
XJ-PG400WA-1X



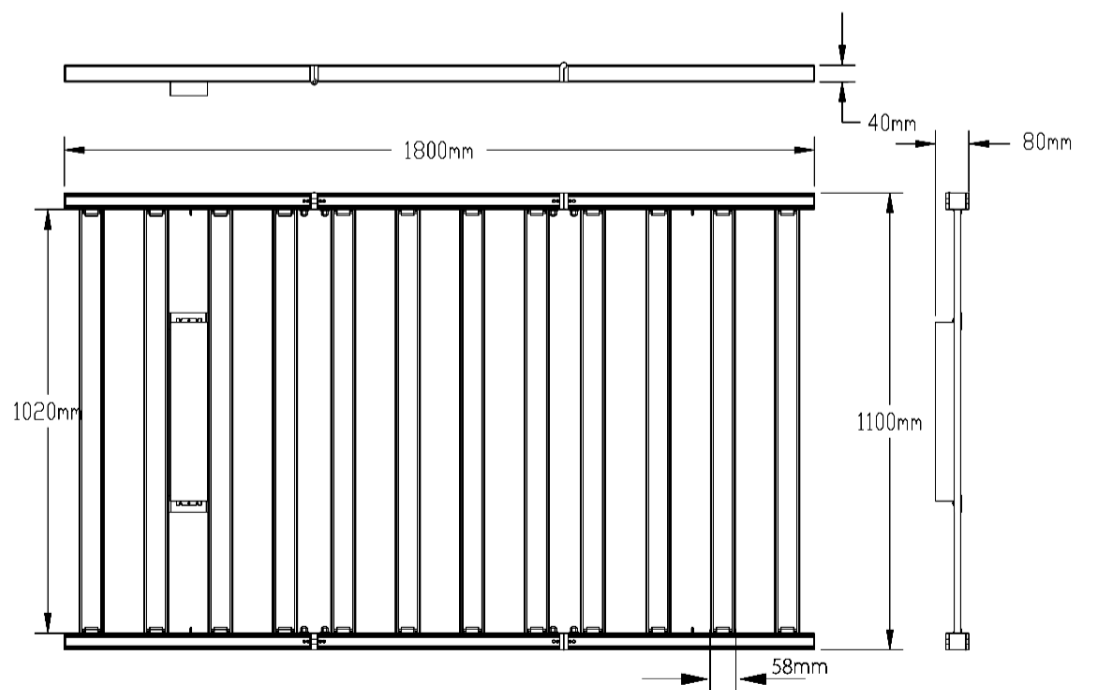
XJ-PG650WA-1X



XJ-PG730WA-1X



XJ-PG1000WA-1X



XJ-PG1200WA-1X



— Double folding type —



— Storage —

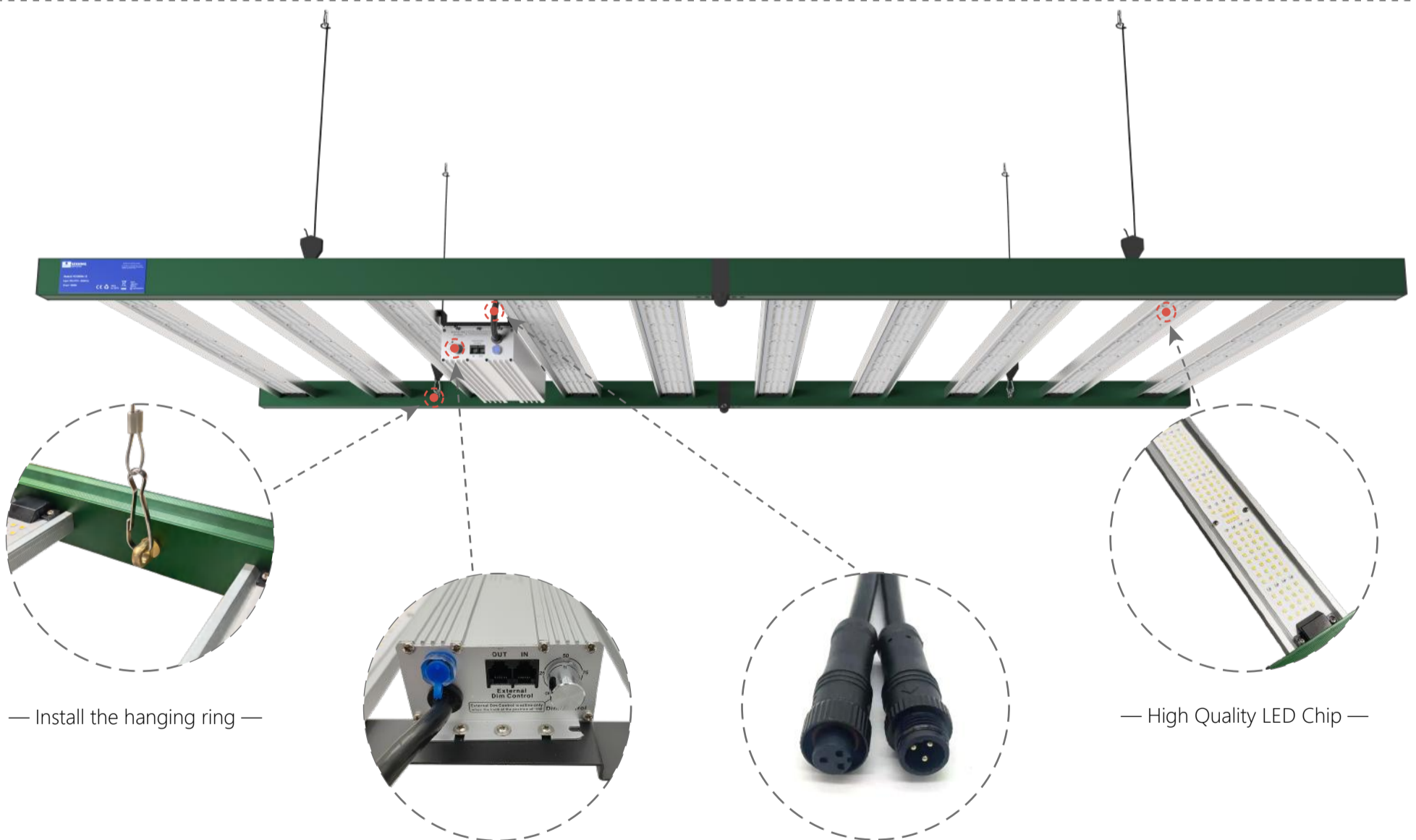


— Triple folding type —



— Storage —

ultra-thin design, can be folded up to 180 degrees, making it small, compact, convenient for storage and transportation.



— Install the hanging ring —

— RJ45 network cable interface —  
— 0-10V dimming knob —

— IP65 waterproof joint —

— High Quality LED Chip —

### 320W/400W/650W/730W PPF

320W-30CM(12")

159	243	430	399	161
241	533	1021	885	346
358	811	1308	1078	371
287	705	1275	924	321
182	319	469	423	208

320W-60CM(24")

229	326	436	324	208
251	386	476	436	295
316	484	644	541	355
333	502	631	566	360
257	426	515	481	250

320W-90CM(36")

177	242	273	254	200
217	300	333	317	247
246	309	367	338	276
260	322	352	348	285
242	302	333	315	255

400W-30CM(12")

235	273	354	326	252
212	846	1260	902	242
351	1528	1716	1620	337
304	1034	1262	1082	299
294	339	374	355	273

400W-60CM(24")

298	503	586	486	337
324	716	861	755	386
437	757	949	816	504
475	724	885	837	469
367	589	647	560	378

400W-90CM(36")

261	369	406	334	300
294	400	460	408	320
309	413	521	473	395
334	432	512	502	425
300	387	455	441	369

650W-30CM(12")

768	876	904	859	757
1080	1190	1205	1170	1145
1186	1353	1557	1313	1292
1190	1329	1411	1372	1197
897	953	959	1031	850

650W-60CM(24")

594	625	699	627	602
681	814	868	844	764
787	933	987	969	853
845	776	920	961	954
694	749	784	690	677

650W-90CM(36")

451	520	545	537	493
569	623	629	599	527
589	658	670	633	554
564	618	641	603	523
471	520	528	484	442

730W-30CM(12")

1078	1439	1361	1442	1132
1114	1647	1676	1586	1310
1239	1812	1812	1691	1409
1318	1758	1788	1734	1312
1214	1652	1650	1524	1243

730W-60CM(24")

746	855	975	900	763
963	1079	1162	1102	911
1024	1179	1316	1226	997
913	1134	1257	1190	957
772	959	1083	1006	846

730W-90CM(36")

547	638	688	650	577
638	759	805	763	654
685	829	878	831	697
677	798	855	802	681
580	699	749	718	597

### 1000W/1200W PPF

1000W-30CM(12")

771	1089	1170	1278	1240	1265	1161	844
976	1409	1537	1645	1602	1616	1491	959
957	1409	1502	1854	1781	1612	1491	1014
1049	1564	1671	1801	1775	1728	1596	897
792	1301	1396	1550	1539	1526	1414	1001

1000W-60CM(24")

628	839	1053	1135	1143	1071	954	754
728	969	1214	1327	1347	1257	1117	816
706	944	1173	1275	1305	1229	1084	805
689	866	1113	1200	1205	1180	1026	820
580	744	863	941	963	944	854	703

1000W-90CM(36")

534	564	592	594	581	592	542	495
615	737	771	913	776	862	555	607
603	716	846	915	823	879	684	618
533	644	850	822	918	792	772	563
419	502	768	649	634	627	638	446

1200W-30CM(12")

1197	1459	1617	1604	1630	1365	1203	917
1691	1795	1843	1859	1879	1743	1635	1200
1533	1660	1772	1953	1967	1695	1622	1238
1387	1499	1680	1664	1702	1719	1554	1212
1196	1386	1442	1366	1417	1329	1170	962

1200W-60CM(24")

811	1013	1134	1226	1232	1264	1162	922
941	1132	1266	1355	1392	1377	1288	1069
907	1093	1222	1385	1357	1317	1243	1034
781	937	1284	1318	1342	1290	1223	909
800	928	1019	1083	1091	1061	1041	917

1200W-90CM(36")

702	781	858	923	936	858	729	625
728	839	920	991	1006	858	790	707
701	790	887	1021	970	971	905	796
614	712	858	887	910	987	928	798
576	668	733	783	801	979	937	755

### How to use daisy chain function :

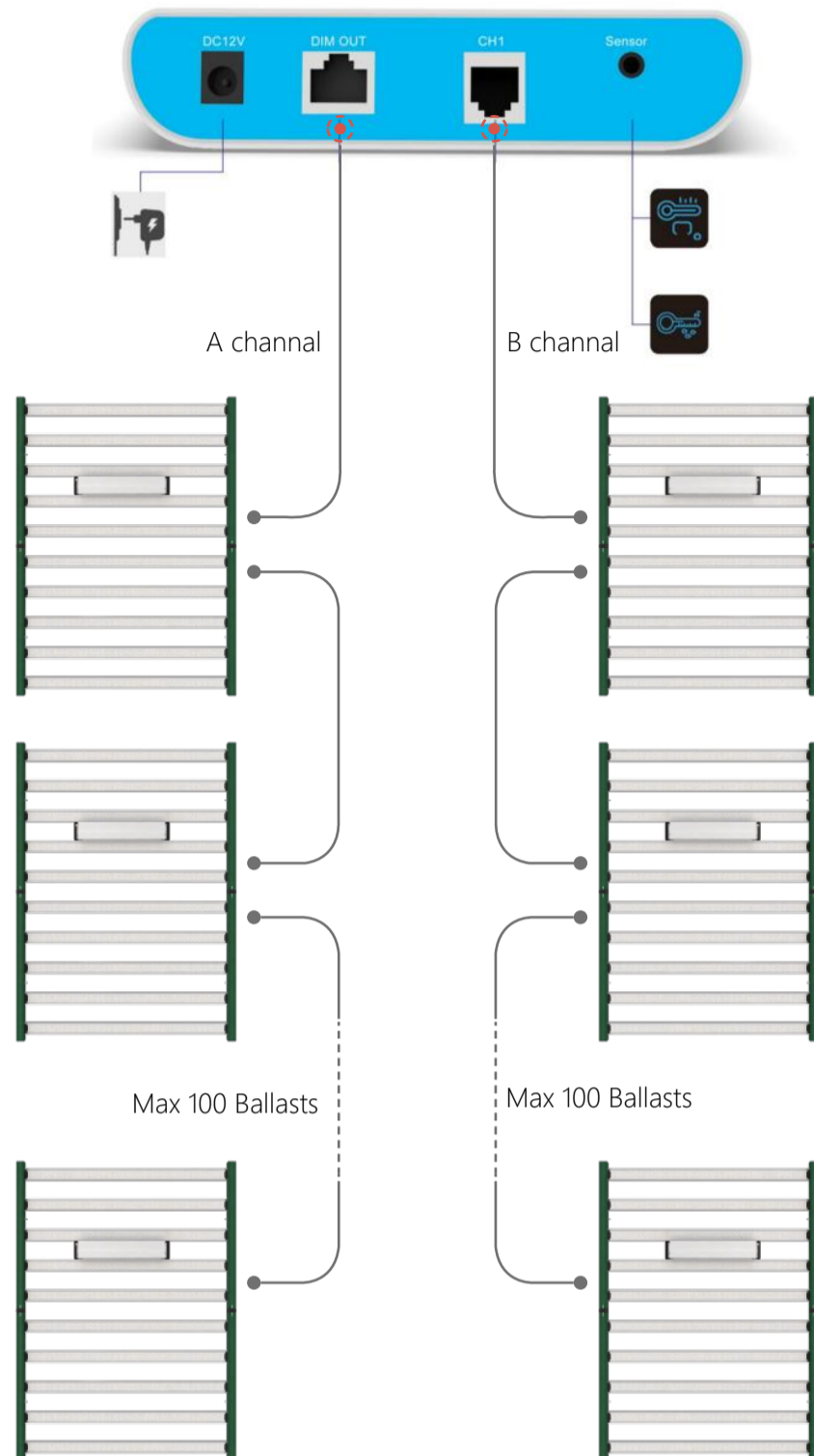


control Panel



RJ45 network cable

- Easy to install
- 0-100% adjustment of power size
- PPF size adjustment
- Set timed sunrise/sunset
- Timed shutdown
- Remote real-time control




#### \* Precautions:

- 1: When use the master controller, Adjust the knobs of all lights to the cascade position: Turn the knob to the right(100% position),
- 2: As shown in the figure ,Use RJ45 cable to connect the DIM OUT of the main controller to the INLET port of the light (For multi-channel),CH1 for one channel light.
- 3: For more operation instructions on the main controller, please refer to the attachment.






















**0-10V dimming knob**


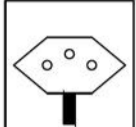
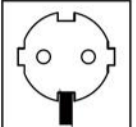
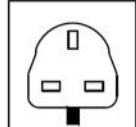


0-10V dimming knob, 0-100% dimmable intensity to meet the needs of different plants at different growth stages; flexible application, providing everything needed for sunlight.

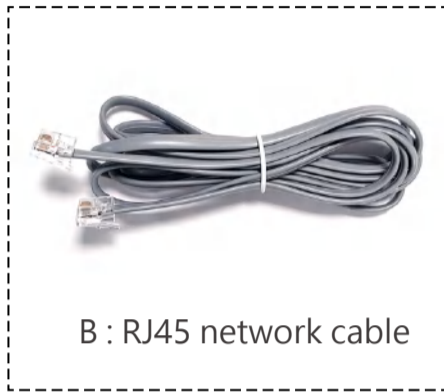
Period	 Suspension height	 Dimming range	 Light time
 -Raising seedlings-	Suspension height 60lm-75lm/24in-30in	 50%	ON  OFF 18 hours on/6 hours off
 -Germination-	Suspension height 60lm/24in	 50-75%	ON  OFF 18 hours on/6 hours off
 -Flowering-	Suspension height 45lm-60lm/18in-24in	 75-100%	ON  OFF 18 hours on/6 hours off
 -Hanging Fruit-	Suspension height 30lm-45lm/12in-18in	 100%	ON  OFF 12 hours on/12 hours off

**\* Planting proposal :**

Plants, like people, also need rest, so you should control the time when you supply light to plants. You should adjust the power, the height and the time of illumination according to each stage of plants, it is necessary to provide the plants with the necessary light.



Version						
	AUS	CH	EU	UK	ZA	USA
Plug Type	AUS240V	CH230V	EU240V	UK230V	ZA240V	USA110V



**Parts List :**

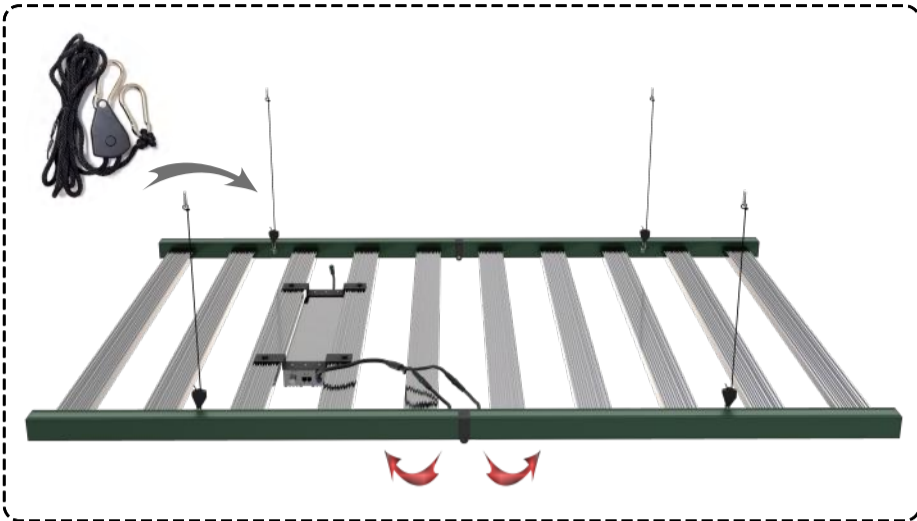
Model/Accessory Code	A	B	C	D	E
XJ-PG320W-1X	1	1	1	/	1
XJ-PG400W-1X	1	1	1	/	1
XJ-PG650W-1X	1	1	4	1	/
XJ-PG730W-1X	1	1	4	1	/
XJ-PG1000W-1X	1	1	4	1	/
XJ-PG1200W-1X	1	1	4	1	/

**Product Packaging :**

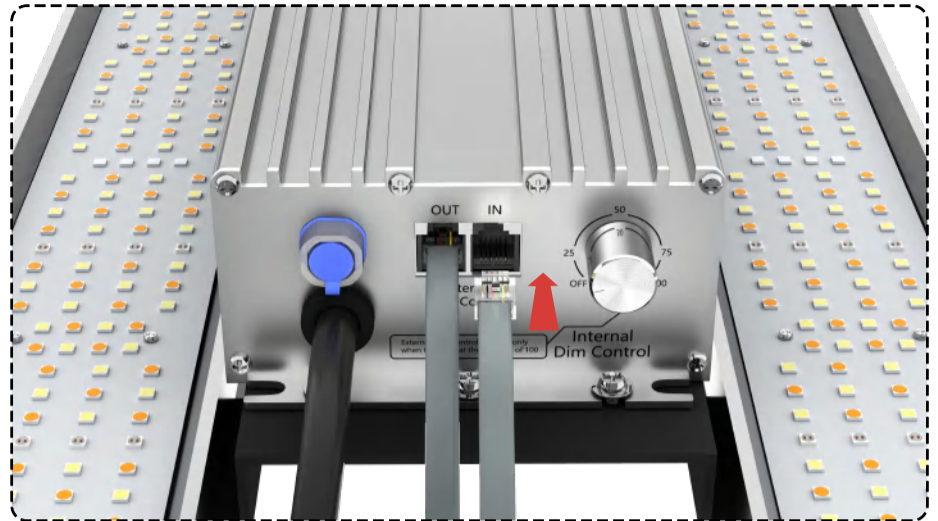


Model	Qty	N.W.(kg)	G.W.(kg)	Meas(mm)
XJ-PG320W-1X	1PC/ctn	5.05	6.1	670*130*555
XJ-PG400W-1X	1PC/ctn	6.2	7.05	660*165*405
XJ-PG650W-1X	1PC/ctn	9.6	11.5	1165*130*660
XJ-PG730W-1X	1PC/ctn	10.75	12.55	1165*130*660
XJ-PG1000W-1X	1PC/ctn	12.35	14.55	1155*130*850
XJ-PG1200W-1X	1PC/ctn	14.65	16.8	1155*170*710

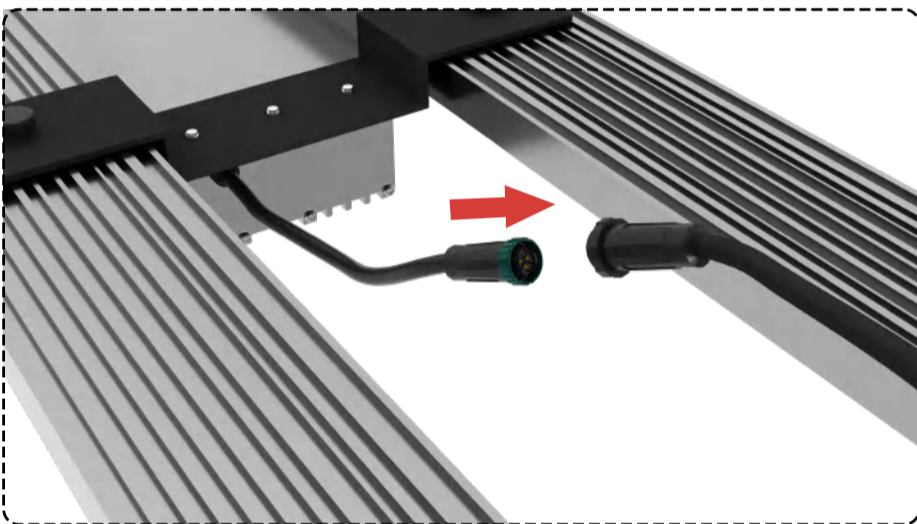
installation steps :



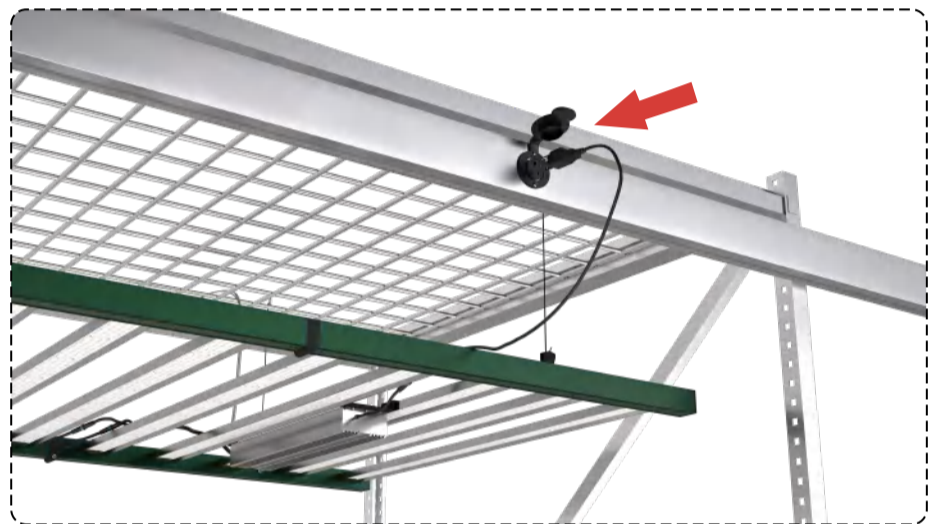
A: Unfold the lamp, install the hanging rope, fix the lamp, and make sure it is in a level state.



B: insert RJ45 network cable



C: Docking AC port



D: access Utility Power



E: Power on to complete installation

**Points to note :**

1. Power off before installation.
2. Do not use cleaners, abrasives or corrosive substances to clean LED lamps.
3. Please check the LED lamps regularly if there is dust or dirt accumulation, Clean if necessary. Contamination can lead to overheating and performance underClean the outside of LED lamps with a dry or wet cloth.
4. Check the cable connection of LED lamps regularly to make sure it is not damaged.

**Storage and disposal :**

1. The LED lamps should be stored in a dry and clean environment with an ambient temperature of 15-60 degrees Celsius.
2. This LED product should not be used as a standard Waste treatment, It will be collected or taken to a recycling, proper disposal and environmental treatment center.

