



Keep healthy mothers for ages



Save over 60% electricity



Harvest increase more than 30%



Sun-like spectrum 2700-6500K



Perfect light distribution



Boost branching & clone production



2021

SUNPLUS LED TECHNOLOGY CO., LTD.

PRODUCT CATALOGUE



Contact **SUNPLUS** LED



0755-2717-0696



info@sunplusled.com



www.sunplusled.com

SUNPLUS LED

Professional LED Grow Light Manufacturer

100 *million*

2021 ANNUAL SALES TARGET

Top 3 manufacturer of led grow light in China since 2009

Welcome To SunPlus



SUNPLUS GROW LIGHTS

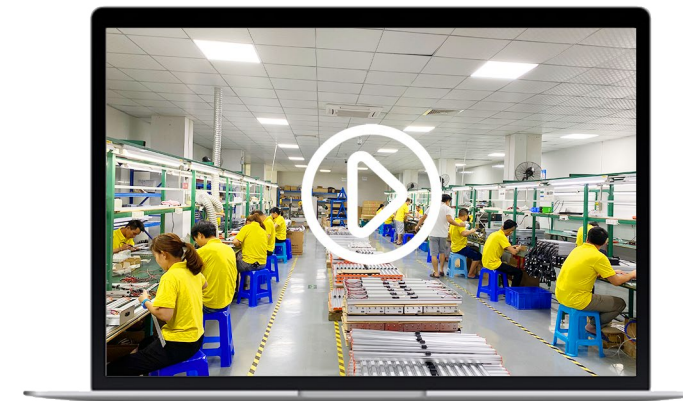
We are a professional large-scale manufacturer focus on designing and producing high performance Sam-sung Cr-ees & Os-ram diodes LED grow lights from 100 watts to 1000 watts

CONTENTS

Sunplus has been committed to the R&D, manufacturing and applying of qualified TOP LEDs since the year 2009

- 05 **Company Profile**
- 07 **Why Choose US?**
- 09 **How to Build Your Light?**
- 11 **Product Introduction**
- 16 **Industrial RJ11 Controller**

// Professional Manufacturer



FACTORY PROFILE



5000m²
Factory area



60000+ PCS
Month capacity



100⁺
Workers



10⁺
R&D



SunPlus was organized in 2014 that has been committed to the R&D, manufacturing and applying of qualified TOP LEDs since the year 2006, we are a professional large-scale manufacturer focus on designing and producing high performance Samsung Cree's & Osram diodes LED grow lights from 100 watts to 1000 watts. All those products are widely used in grow tents, house gardens, pot culture, hydroponics, greenhouse cultivation etc.

In SunPlus LED, there is a professional team trying all their best to provide high quality products, efficient production time, good after-sales service and reasonable price. 2 of our leaders have involved in this LED industry since 2009, they keep learning and they finally get hold of the core technology from the very beginning they saw too many companies falling in the past and learned from those, and now they understand the management mode well, especially know that quality is everything, no quality, no SunPlus LED.

// Why Choose Us?



15 Years Production Experience

All products raw material supply system is perfect, low procurement cost, high level of technology and technology, has a great market competitiveness.



4 Automatic SMT Machine Production Lines

Have 4 automatic SMT production lines to ensure rapid product supply, reduce product production costs, and control pcb boards' quality.



5 Times QC& 72 Hours Aging Test

From the inspection of raw materials to the assembly of finished products, to the inspection of aging test and packaging, and to the final sampling inspection of products, everything is done just to provide the best products for customers.



15% Product Profit Control

The profit of many products is controlled within 20%, leaving enough profit space for our customers, and at the same time, in order to achieve the sales target of 100 million yuan faster.



Stocked 10 million Samsung LED chips In 2021

We must ensure sufficient supply of Samsung LED Chips to meet customer order demand, while reducing the purchase cost of Samsung LED chips.

// What Service Do We Supply?



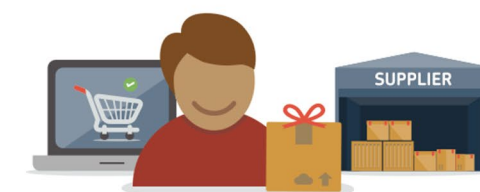
Keep Secret For Clients

Taking the core benefit of customers as the first goal, for customers. Keep product information and not let third parties know.



Professional Photography Team

All customers' customized products, we can provide photo shooting service. Provide high quality product pictures to help customers sell products better and faster, make more money.



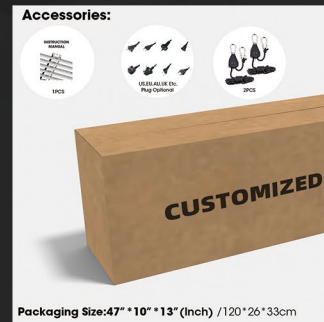
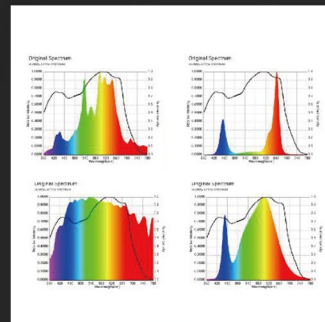
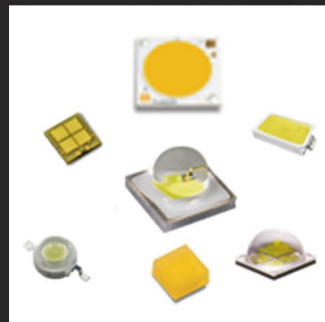
Full Stocked Drop Shipping Available

All the normal products are prepared with full prepaid inventory. Fast delivery, low MOQ, and support for drop shipping, Reduce inventory risk.

OEM/ODM FREE SAMPLE DESIGN

Customized Lighting Solutions

From metal housing,led diode,spectrum,PPFD,logo and packaging we can supply best solutions.



LED Source Customized

Spectrum Customized

Brand Logo Customized

Packaging Customized



Source Factory



Low MOQ



Fast Delivery



Competitive price



Long Warranty

Our Certifications



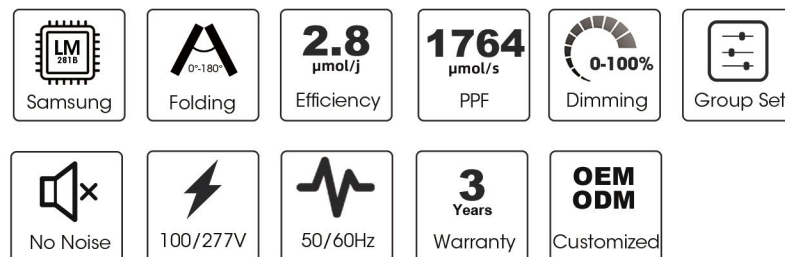
Our Patents



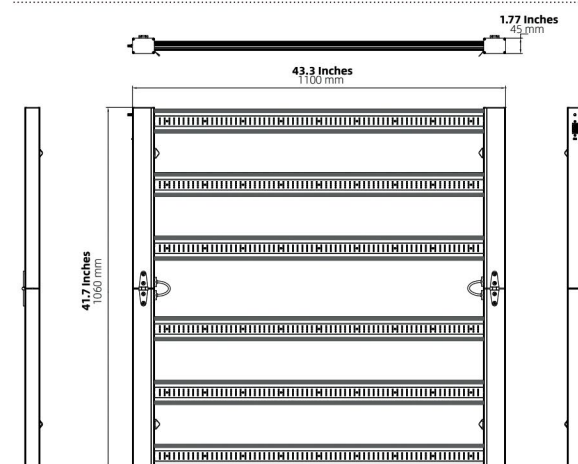


SUPER SP-600

Folding 630W Grow Bars



Dimensions:



Mounting Height: 18" - 36" above canopy

Coverage Area:

Personal Grow	Commercial Grow
6' x 6'	5' x 5'

PPFD Chart: μmol/s

PPFD at 12"				
926		906		929
	1045	1019	1046	
1125	1110	1085	1109	1122
	1042	1017	1041	
926		902		925

Average=1016μmol

PPFD at 24"			PPFD at 36"		
703	726	709	596	610	598
	781	782		631	632
809	818	811	623	640	642
	781	722		632	630
702	657	700	596	609	595

Average=758μmol

Average=621μmol

Data Sheet:

Power Draw

630 W

HPS Equivalent

1500 W

LED Chip(1080 PCS LED)

Samsung 3000K&5000K & UV & IR & Red 660NM

LED Driver

UL Certified Driver

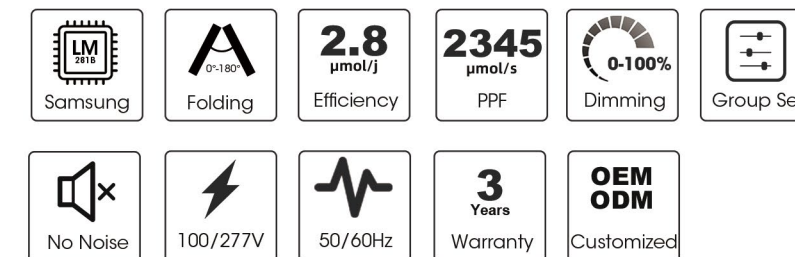
Dimming

Manual & RJ11 Controller

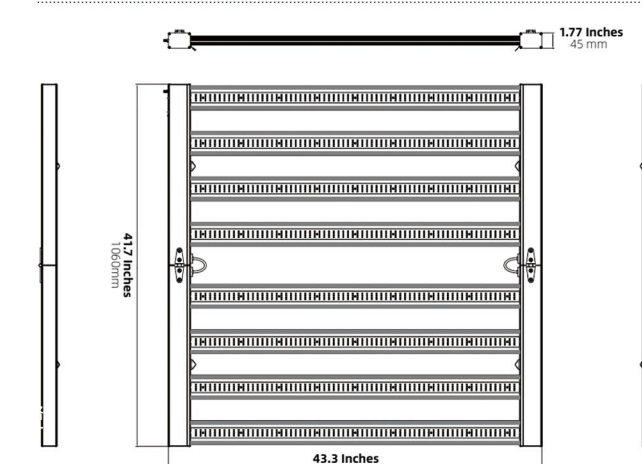


SUPER SP-800

Folding 840W Grow Bars



Dimensions:



Mounting Height: 18" - 36" above canopy

Coverage Area:

Personal Grow	Commercial Grow
5' x 5'	6' x 6'

PPFD Chart: μmol/s

PPFD at 12"				
1272		1300		1275
	1512	1478	1513	
1562	1576	1574	1575	1286
	1513	1476	1510	
1271		1298		1269

Average=1519μmol

PPFD at 24"			PPFD at 36"		
918	989	921	790	820	792
	1050	1062		838	849
1098	1109	1106	833	853	855
	1049	1040		838	846
919	987	917	790	817	788

Average=1028μmol

Average=824μmol

Data Sheet:

Power Draw

840 W

HPS Equivalent

2000 W

LED Chip (1440 PCS LED)

Samsung 3000K&5000K & UV & IR & Red 660NM

LED Driver

UL Certified Driver

Dimming

Manual & RJ11 Controller

SUNDRO S700

NEW PRO

HORTICULTURE LED LIGHT



SUNDRO S700-PRO
700W LED Grow 8 Bar System

Samsung

Osram

2.9 $\mu\text{mol}/\text{j}$

Efficiency

2030 $\mu\text{mol}/\text{s}$

PPF

0-100%

Dimming

Group Set

No Noise

100/277V

50/60Hz

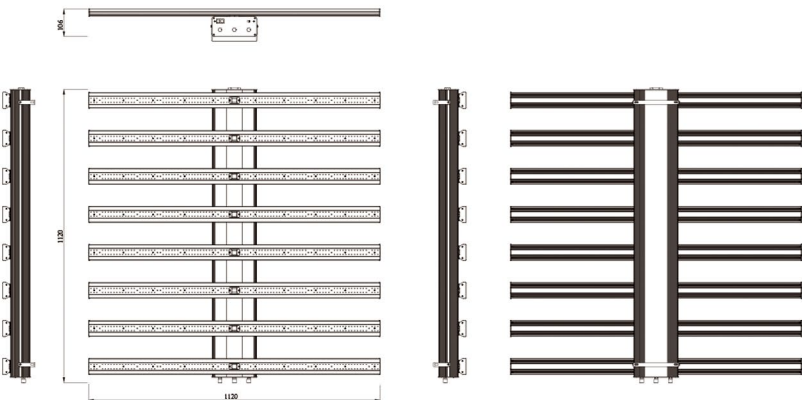
5 Years

Warranty

OEM ODM

Customized

Dimmensions:



Mounting Height: 18" - 24" above canopy Weight: 34.83 lbs (15.8KG)

Coverage Area:

Personal Grow Commercial Grow
5' x 5' 4.5' x 4.5'

PPFD Chart: $\mu\text{mol}/\text{s}$

PPFD at 12"

1392		1426		1394
	1496	1472	1468	
1487	1520	1500	1518	1485
	1496	1470	1495	
1393		1425		1390

Average=1469 μmol

PPFD at 24"

959		1049		960
		1088	1132	1089
1067	1127	1142	1126	1064
		1087	1131	1086
958		1048		956

PPFD at 36"

781		832		786
		863	869	864
856	882	910	881	852
		863	867	862
782		830		780

Average=1079 μmol Average=855 μmol

Data Sheet

Power Draw
700 W

HPS Equivalent
1500 W

LED Chip (2784 PCS LED)
Samsung Lm301B/H 3000K&5000K & UV & IR & Osram ssl80 Red 660NM

LED Driver
Sosen Brand Driver

Dimming
Manual & RJ11 Controller

SUNDRO S1000

NEW PRO

HORTICULTURE LED LIGHT



SUNDRO S1000-PRO
1000W LED Grow 10 Bar System

Samsung

Osram

2.9 $\mu\text{mol}/\text{j}$

Efficiency

2900 $\mu\text{mol}/\text{s}$

PPF

0-100%

Dimming

Group Set

No Noise

100/277V

50/60Hz

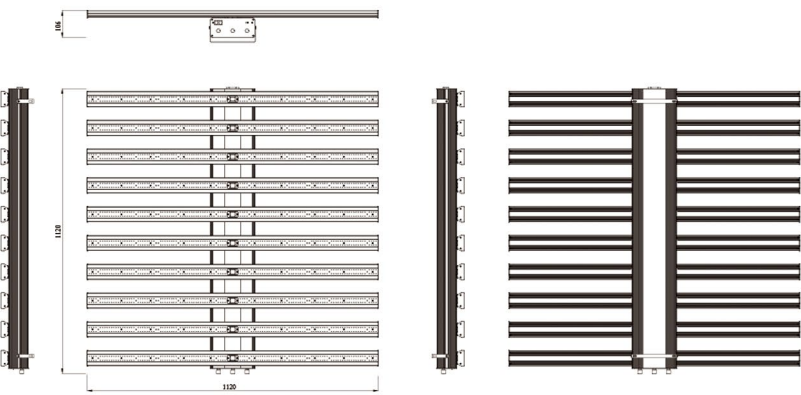
5 Years

Warranty

OEM ODM

Customized

Dimmensions:



Mounting Height: 18" - 24" above canopy Weight: 42.32 lbs (19.2KG)

Coverage Area:

Personal Grow Commercial Grow
6' x 6' 5' x 5'

PPFD Chart: $\mu\text{mol}/\text{s}$

PPFD at 12"

1938		1873		1940
	2058	2013	2059	
1985	2072	2050	2069	1983
	2058	2011	2057	
1938		1871		1936

Average=1997 μmol

PPFD at 24"

1433	1479	1434		
	1572	1573	1575	
1499	1592	1620	1590	1497
	1572	1572	1570	
1432	1478	1431		

PPFD at 36"

1155	1215	1156		
	1231	1255	1234	
1192	1241	1260	1239	1189
	1229	1252	1228	
1152	1212	1150		

Average=1537 μmol Average=1219 μmol

Data Sheet:

Power Draw
1000 W

HPS Equivalent
2000 W

LED Chip (3480 PCS LED)
Samsung Lm301B/H 3000K&5000K & UV & IR & Osram ssl80 Red 660NM

LED Driver
Sosen Brand Driver

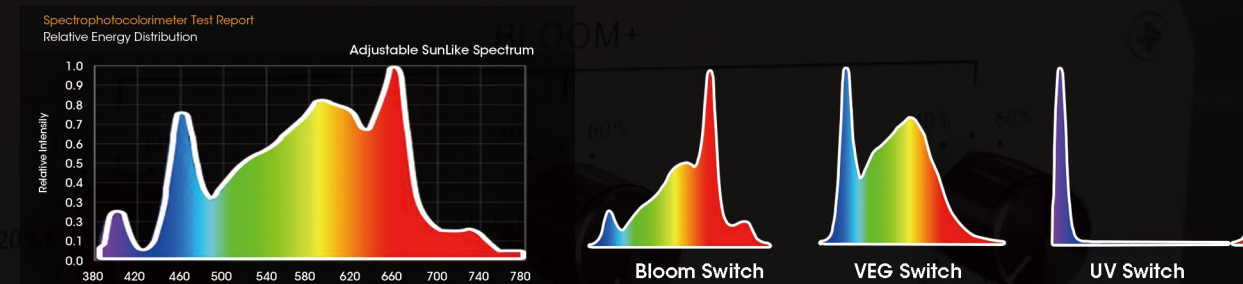
Dimming
Manual & RJ11 Controller

SUNDRO™

COMMERCIAL GROWERS MAXIMIZE YOUR-YIELDS AND PROFITS

250W/510W/700W/1000W OPTIONALS

Selected Spectrum For Optimum Growth



Our technologically selected spectrum ensures that only light within the Photosynthetically Active Radiation (PAR) region is provided to ensure optimal growth within each growth phase for each plant type.

Top Features:



Top Bin Samsung LM301B/H Diode

High Energy Efficiency with 2.9 $\mu\text{mol}/\text{J}$, make you get 30% higher yield compare OLD blue led lights; Max 2.0g yield per wattage (power draw), achieve maximum quality and quantity, much better than traditional HPS grow systems.



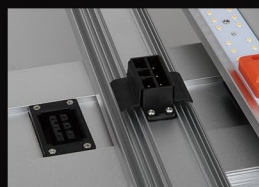
Full Sunlike Spectrum

Idea for all growth stages, excellent full spectrum-mixed with white, blue, red and UV,IR LED (3000K, 5000K, 660nm and IR 760nm & 395nm UV)



3 Channels (VEG, Bloom, UV)

Freely adjust the lightings according to different growing stages



'Clip In' And 'Clip Out'

The light bars are 'clip in' and 'clip out' making for super easy assembly and maintenance.

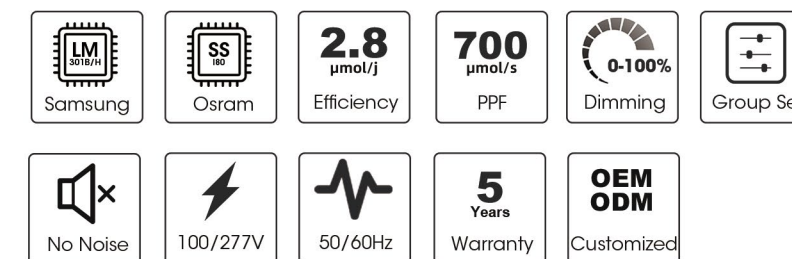
SUNDRO S250

HORTICULTURE
LED LIGHT



SUNDRO S250

250W LED Grow 4 Bar System



PPFD Chart: $\mu\text{mol}/\text{s}$

PPFD at 12"

330		535		330
	835	915	835	
648	995	1105	995	648
	835	915	835	
330		535		330

Average=766 μmol

PPFD at 24" PPFD at 36"

310	373	310	275	298	600
	460	481	310	325	640
428	508	542	311	329	336
	460	481	310	325	310
310	373	310	275	298	275

Average=443 μmol

Average=312 μmol

Data Sheet:

Power Draw

250 W

HPS Equivalent

600 W

LED Chip (480PCS LED)

Samsung Lm301B/H 3000K&5000K & UV & IR & Osram ssl80 Red 660NM

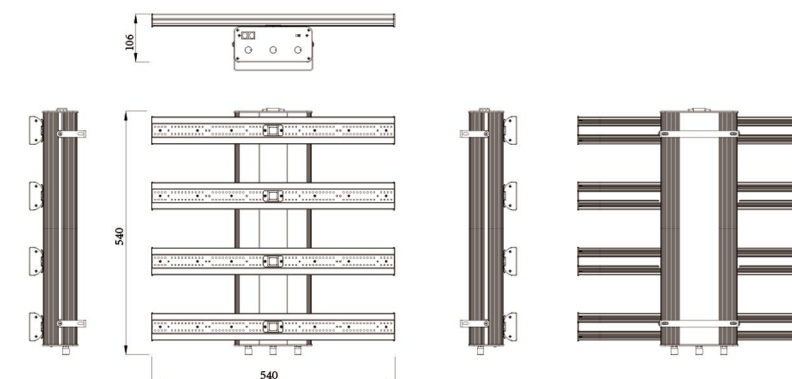
LED Driver

Sosen Brand Driver

Dimming

Manual & RJ11 Controller

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 15.21 lbs (6.9KG)

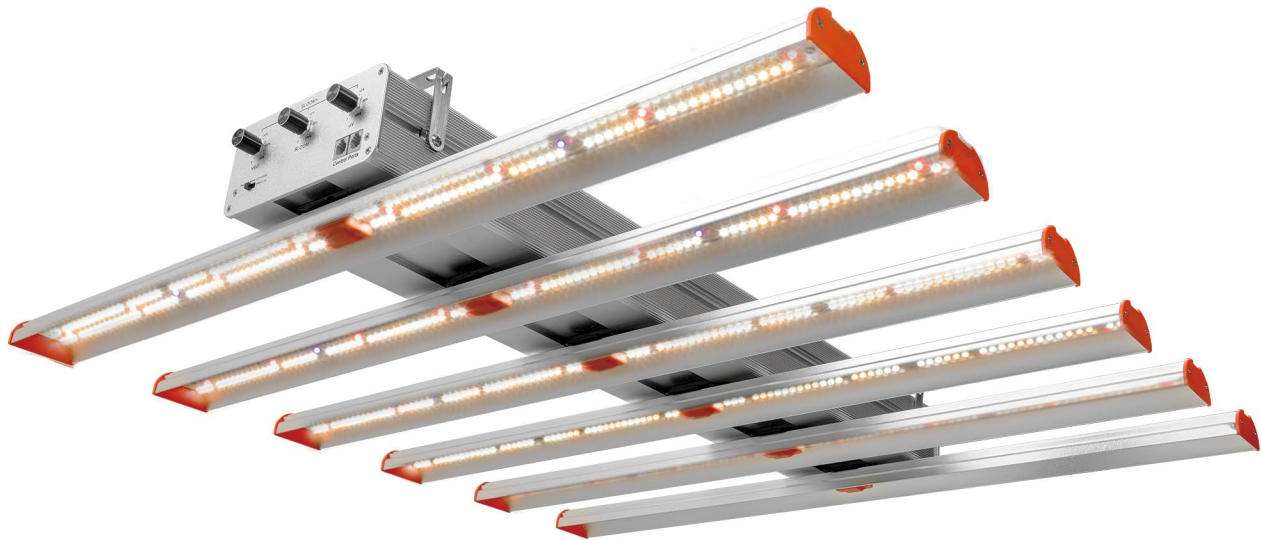
Coverage Area:

Personal Grow

3' x 3'

Commercial Grow

2.5' x 2.5'



SUNDRO S510
510W LED Grow 6 Bar System

Samsung

Osram

2.8
μmol/J

1428
μmol/s

0-100%

Dimming

Group Set

No Noise

100/277V

50/60Hz

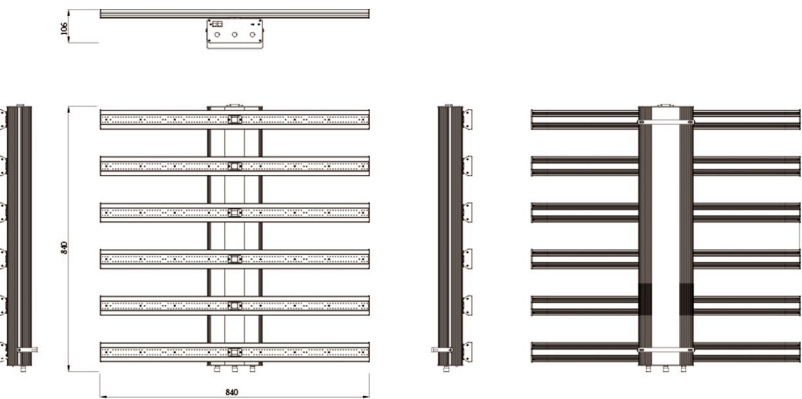
5
Years

Warranty

OEM
ODM

Customized

Dimmensions:



Mounting Height: 18" - 24" above canopy Weight: 23.14 lbs (10.5KG)

Coverage Area:

Personal Grow	Commercial Grow
4' x 4'	3.5' x 3.5'

PPFD Chart: μmol/s

PPFD at 12"				
920		1139		920
	1304	1371	1304	
1167	1396	1458	1396	1167
	1304	1371	1304	
920		1139		920

Average=1250μmol

PPFD at 24"			PPFD at 36"		
720	796	720	600	620	600
878	895	878	640	652	640
852	915	852	653	657	640
	878	895	640	652	640
720	796	720	600	620	600

Average=855μmol

Average=637μmol

Data Sheet:

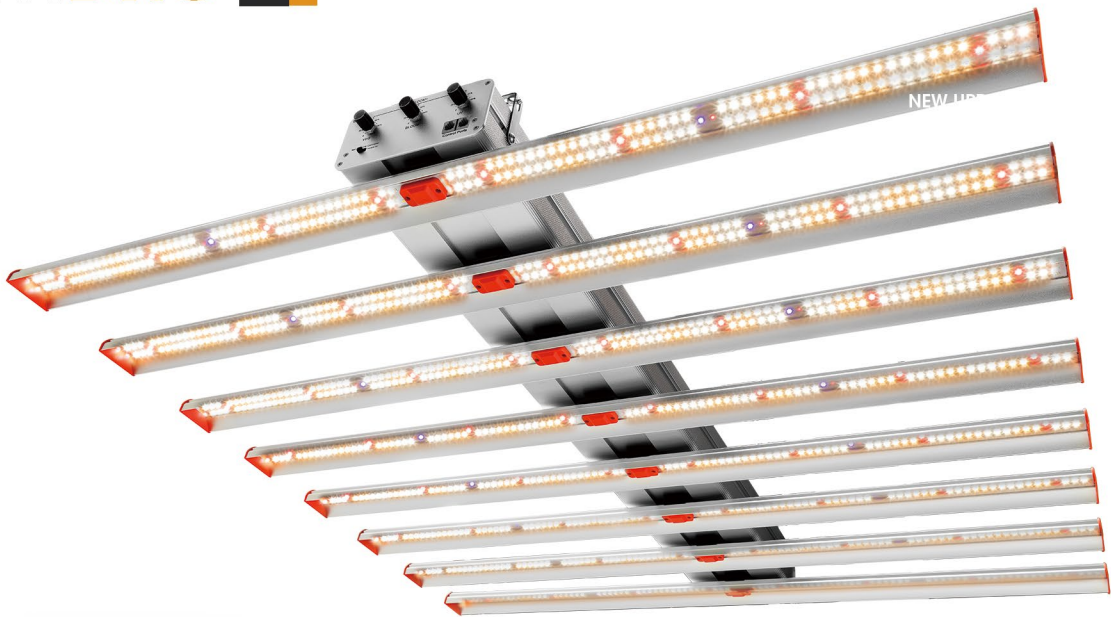
Power Draw
510 W

HPS Equivalent
1200 W

LED Chip(1080 PCS LED)
Samsung Lm301B/H 3000K&5000K & UV & IR & Osram ssl80 Red 660NM

LED Driver
Sosen Brand Driver

Dimming
Manual & RJ11 Controller



SUNDRO S700
700W LED Grow 8 Bar System

Samsung

Osram

2.8
μmol/J

1960
μmol/s

0-100%

Dimming

Group Set

No Noise

100/277V

50/60Hz

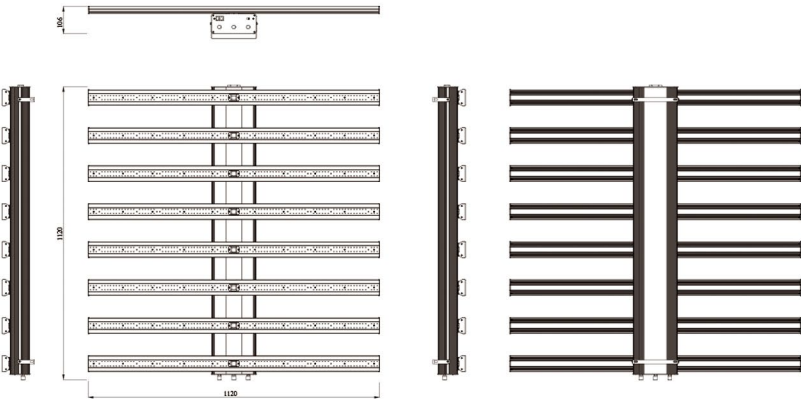
5
Years

Warranty

OEM
ODM

Customized

Dimmensions:



Mounting Height: 18" - 24" above canopy Weight: 34.39 lbs (15.6KG)

Coverage Area:

Personal Grow	Commercial Grow
5' x 5'	4.5' x 4.5'

PPFD Chart: μmol/s

PPFD at 12"				
1120		1211		1120
	1283	1309	1283	
1129	1306	1323	1306	1229
	1285	1309	1283	
1122		1211		1120

Average=1254μmol

PPFD at 24"			PPFD at 36"		
953	992	1023	800	834	800
	1035	1040		838	850
1007	1037	1043	810	832	845
	1035	1040		838	850
953	992	953	800	834	800

Average=1015μmol

Average=829μmol

Data Sheet:

Power Draw
700 W

HPS Equivalent
1500 W

LED Chip (1440 PCS LED)
Samsung Lm301B/H 3000K&5000K & UV & IR & Osram ssl80 Red 660NM

LED Driver
Sosen Brand Driver

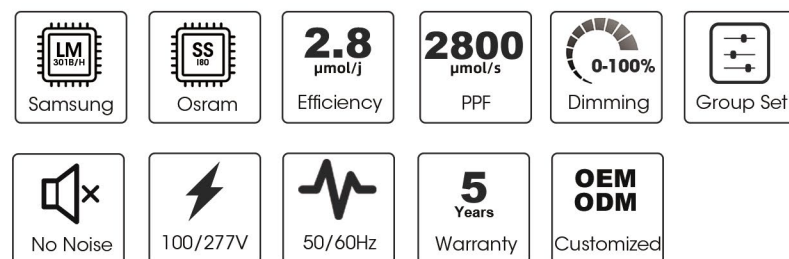
Dimming
Manual & RJ11 Controller

SUNDRO S1000

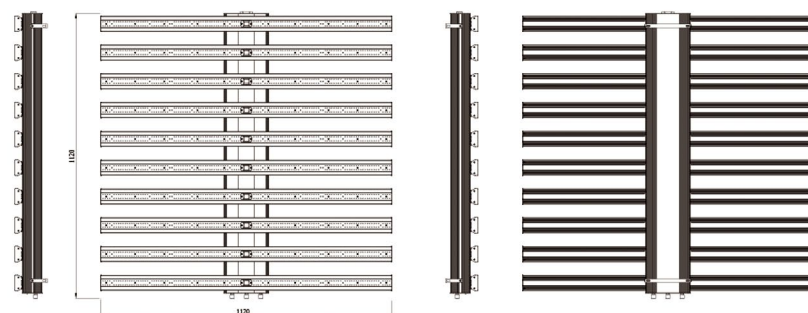
HORTICULTURE
LED LIGHT



SUNDRO S1000 1000W LED Grow 10 Bar System



Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 41.89 lbs (19KG)

Coverage Area:

Personal Grow
6' x 6'

Commercial Grow
5' x 5'

PPFD Chart: μmol/s

PPFD at 12"

1706		1693		1707
	1946	1905	1944	
1965	1998	1965	1997	1962
	1945	1904	1943	
1708		1691		1707

Average=1881μmol

PPFD at 24"

1348	1385	1347
1502	1505	1504
1519	1545	1544
1502	1504	1502
1347	1384	1346

Average=1477μmol

PPFD at 36"

1157	1185	1156
1235	1235	1233
1236	1247	1248
1234	1233	1232
1158	1187	1157

Average=1219μmol

Data Sheet:

Power Draw

1000 W

HPS Equivalent

2000 W

LED Chip (236PCS LED)

Samsung Lm301B/H 3000K&5000K & UV & IR & Osram ssl80 Red 660NM

LED Driver

Sosen Brand Driver

Dimming

Manual & RJ11 Controller

Rj11 Industrial Controller



Master Controller Touch Screen



The master controller puts you in control of your gardens. A single controller can control 100 light commercial operation.

Features:

- A Single Controller Runs an Unlimited Number of Lights.
- Sunrise/Cloudy/Sunset DIY Setup.
- Digital Timer Eliminates the Need for External Timers or Contactors.
- User-defined Grow Schedules and Spectrum for Specific Strain.
- Controls Separate Veg, Bloom and UV.
- Uses Standard RJ11 Data Cables.

Technical Specifications:

Control voltage outputs: 2 Zones (Groups). 1/2

Numbers of control channels: 3

Numbers of lights per output: 50 pcs max

Max. cable length per group: 100 meters

Match LED Fixture: unlimited

Power Dimming Scope: 0 - 100%

Power consumption: < 4.5W

Input voltage: DC12V (Output: 0 - 10V)

Dimension & Weight: L145xW88xH35mm, 0.3kg

Working temperature: - 20-50°C



Eco Knob Controller

Branch controller is available to control two lighting groups and three lighting channels.

Brightness 0-100% adjustable to control light output, The controller operates on a 8 timing modes.

Technical Specifications:

Control voltage outputs: 2 Zones (Groups). 1/2

Numbers of control channels: 3

Numbers of lights per output: 50 pcs max

Max. cable length per group: 100 meters

Power consumption: <4W

Input voltage: DC12V

Output: 10V PWM 3KHz (customizable)

Dimension & Weight: L145xW61xH30mm, 1.0 kg

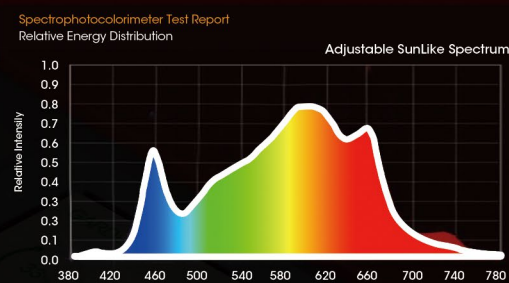
Working temperature: -20-50°C

CANNASTAR™

HIGH PERFORMANCE, HIGH YIELDS, LOW COST LED GROW BOARDS

120W 240W 480W OPTIONS

Selected Spectrum For Optimum Growth



Our technologically selected spectrum ensures that only light within the Photosynthetically Active Radiation (PAR) region is provided to ensure optimal growth within each growth phase for each plant type.

Top Features:



Top Bin Samsung LM301B/H Diode

High Energy Efficiency with 2.8 $\mu\text{mol}/\text{J}$, make you get 30% higher yield compare OLD blue led lights; Max 2.0g yield per wattage (power draw), achieve maximum quality and quantity, much better than traditional HPS grow systems.



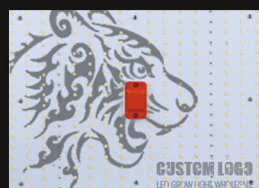
Full Sunlike Spectrum

Idea for all growth stages, excellent full spectrum- mixed with white, blue, red and UV,IR LED (3000K, 5000K, 660nm and IR 760nm & 395nm UV)



Customized Dimming Design

Have a dimming knob & RJ Port for group control. Can be adjusted the light intensity at liberty. Multi-light Connection with unified dimming especially beneficial for large area of indoor growing and commercial planting.



Custom PCB - Happy Grow

Customized products with your drawings accepted.

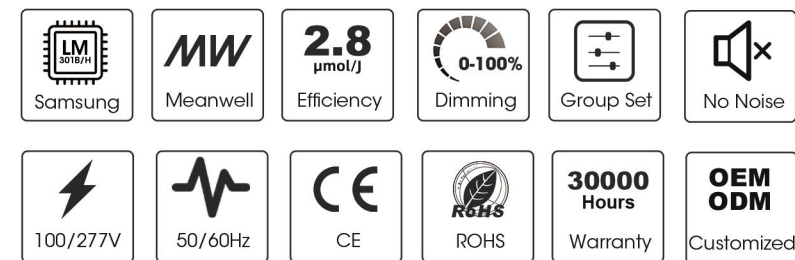
CANNASTAR CS120

HORTICULTURE
LED LIGHT

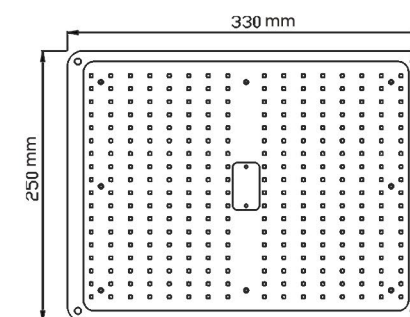


CANNASTAR-CS120

120W LED Grow Board



Dimmensions:



Mounting Height: 18" - 24" above canopy

Weight: 2.27kg/5lbs

Coverage Area:

Personal grow	Commercial grow
3.5' x 3.5'	2' x 2'

PPFD Chart: $\mu\text{mol}/\text{s}$

PPFD at 12"

137		279		137
	454	603	457	
310	628	814	625	309
	453	602	452	
135		278		133

Average=430 μmol

PPFD at 24" PPFD at 36"

158		191		160
	227	244	230	
227	252	270	250	225
	229	242	226	
157		190		155

Average=223 μmol

132		140		134
	143	152	149	
146	147	153	144	142
	145	151	144	
135		138		131

Average=143 μmol

Data Sheet

Power Draw

120 W

HPS Equivalent

300 W

LED Chip

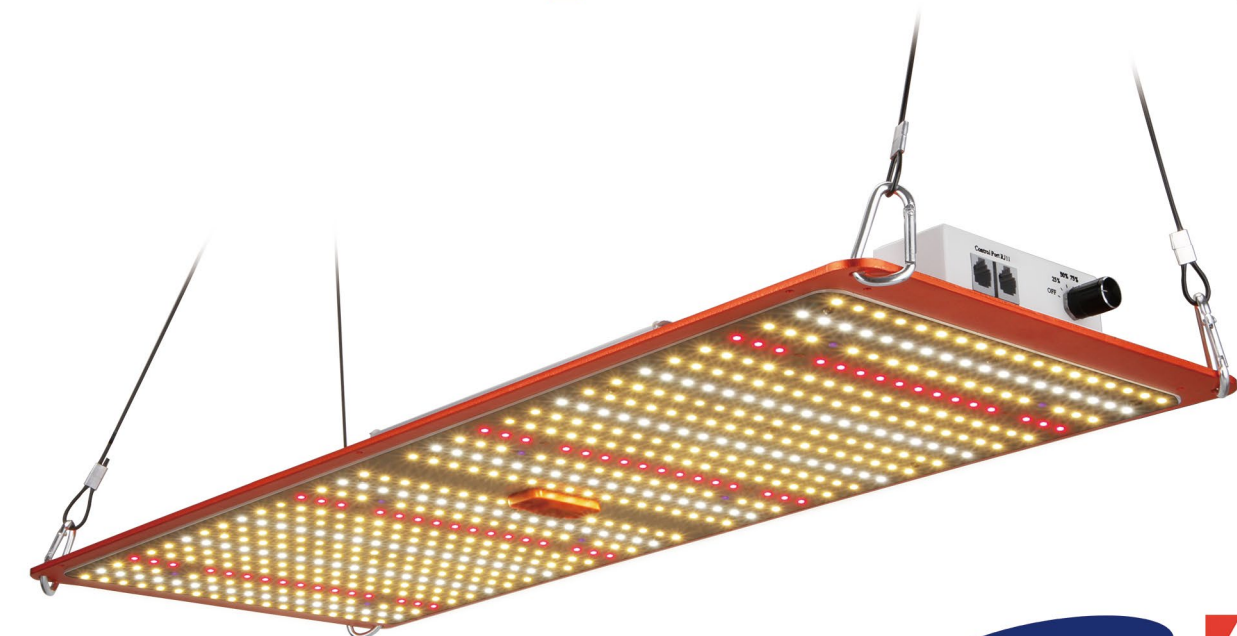
Lm301B/H 3000K (176 PCS) &
5000K (72 PCS) **UV** (4 PCS) **IR** (4 PCS)
Red 660NM (32 PCS)

LED Driver

1x Meanwell

Dimming

Manual & RJ11 Controller



CANNASTAR-CS240
240W LED Grow Board

Samsung

Meanwell

2.8
μmol/J
Efficiency

0-100%
Dimming

Group Set

No Noise

100/277V

50/60Hz

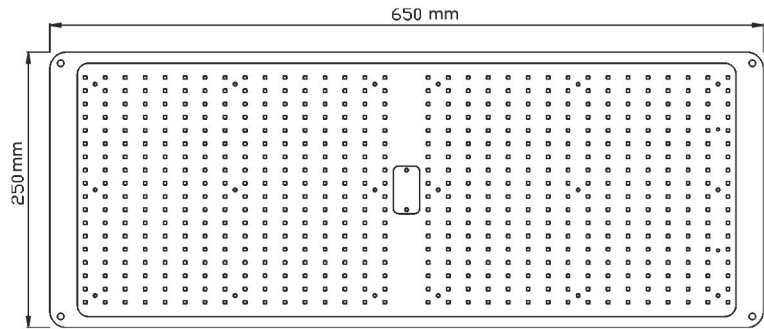
CE

ROHS

30000
Hours
Warranty

OEM
ODM
Customized

Dimmensions:



Mounting Height: 18" - 24" above canopy Weight: 3.97kg/8.75lbs

Coverage Area:

Personal grow	Commercial grow
4' x 5'	4' x 3'

PPFD Chart: μmol/s

PPFD at 12"

124		437		296
	828	933	829	
785	1137	1260	1135	782
	828	930	827	
295		434		293

Average=808μmol

PPFD at 24" PPFD at 36"

316	355	312
433	448	435
415	473	492
470	413	
432	446	430
311	352	312

Average=416μmol

256	274	254
288	290	269
274	287	290
285	273	
286	287	284
255	270	251

Average=277μmol

Data Sheet

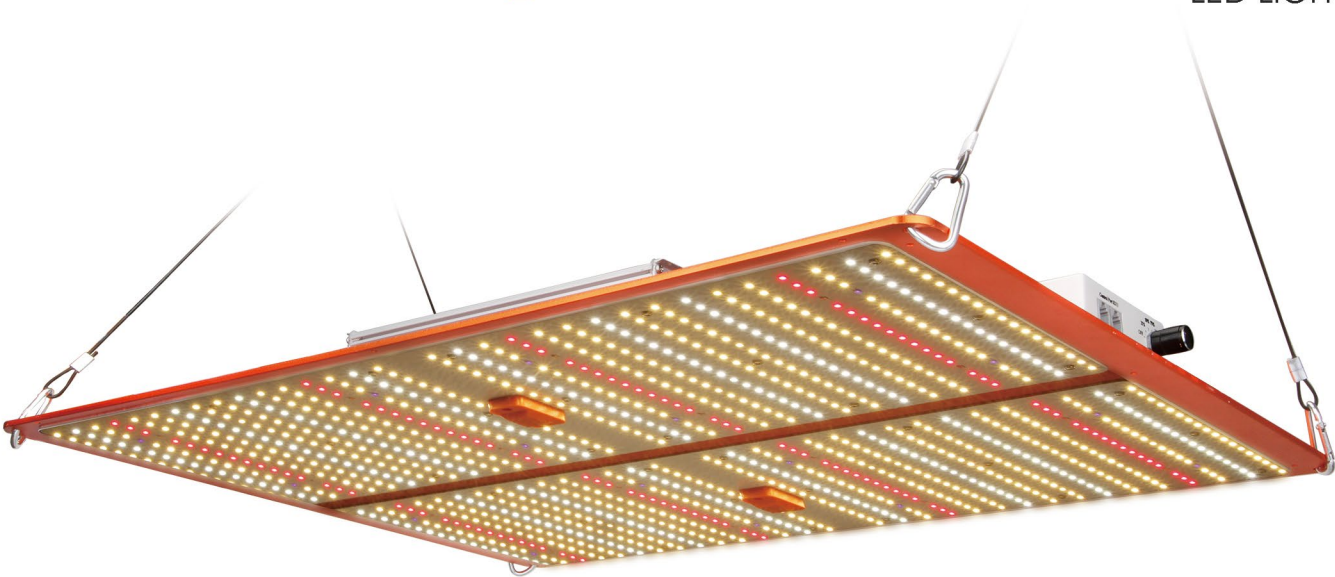
Power Draw
240 W

HPS Equivalent
600 W

LED Chip
Lm301B/H 3000K(352 PCS)&
5000K (144 PCS)**UV** (8 PCS) **IR** (8 PCS)
Red 660NM (64 PCS)

LED Driver
1x Meanwell

Dimming
Manual & RJ11 Controller



CANNASTAR-CS480
480W LED Grow Board

Samsung

Meanwell

2.8
μmol/J
Efficiency

0-100%
Dimming

Group Set

No Noise

100/277V

50/60Hz

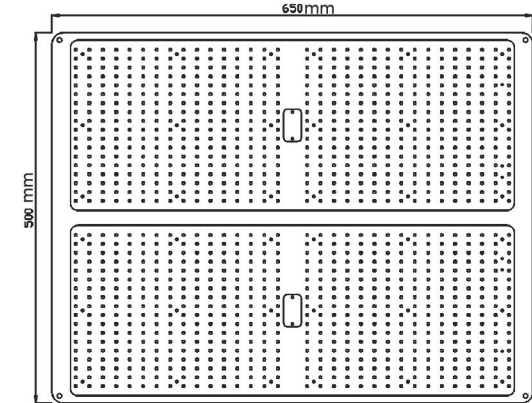
CE

ROHS

30000
Hours
Warranty

OEM
ODM
Customized

Dimmensions:



Mounting Height: 18" - 24" above canopy Weight: 7.59kg/16.83lbs

Coverage Area:

Personal grow	Commercial grow
5.5' x 5.5'	5' x 5'

PPFD Chart: μmol/s

PPFD at 12"

1301		774		1304
	2364	2107	2366	
1452	2533	2703	2530	1450
	2362	2105	2360	
1302		770		1300

Average=1888μmol

PPFD at 24" PPFD at 36"

623	783	625
894	975	894
803	965	1062
961	800	
893	972	892
624	782	621

Average=870μmol

528	576	508
589	605	590
564	584	609
583	560	
589	604	587
506	573	525

Average=577μmol

Data Sheet

Power Draw
480 W

HPS Equivalent
1000 W

LED Chip
Lm301B/H 3000K(704 PCS)&
5000K (288 PCS)**UV** (16 PCS) **IR** (16 PCS)
Red 660NM (128 PCS)

LED Driver
1x Meanwell

Dimming
Manual & RJ11 Controller

SunPlus LED Grow Light



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