



 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

CATALOGUE V.022

Professional Grow Lighting solutions
for wholesale, indoor gardens,
and large horticultural projects

 Contact **ParfactWorksLED**

 0755-2740-2680

 admin@parfactworks.com
support@parfactworks.com (online store)
sales@parfactworks.com (Amazon)

 www.ParfactWorks.com

 ParfactWorks

 **PARFACTWORKS**[®]



PARFACTWORKS ” GROW LIGHTS

We are a professional large-scale manufacturer focusing on the design and production of high performance LED grow lights using Samsung, CREE, Osram diodes, wattage ranging from 100 watts to 1000 watts.

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

01-04	Company Profile
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100 million

2022 ANNUAL SALES TARGET

Top 3 manufacturer of led grow light in China since 2009

“Grab Your
ParfactWorks
Lights Today”!



Professional Manufacturer



FACTORY PROFILE



8000m²
Factory area



60000+ PCS
Month capacity



150+
Workers



10+
R&D



ParfactWorks® was formally organized in 2010. Before that, we have been committed to the R&D, manufacturing and applying of qualified TOP LEDs since the year of 2006. We are a professional large-scale manufacturer focusing on the design and production of high performance LED grow lights using Samsung, CREE, Osram diodes, wattage ranging from 100 watts to 1000 watts. All those products are widely used in grow tents, house gardens, pot culture, hydroponics, greenhouse cultivation, etc.

In ParfactWorks, there is a professional team trying all their best to provide high quality products, efficient production time, good after-sales service and reasonable price. Two of our leaders have been involved in this LED industry since 2006. They kept learning and finally got hold of core technology from their experience. Since the very beginning they have seen ups and downs of grow light companies, and many companies falling behind in the past. And now they understand the management mode well, especially know that quality is everything. No quality, no ParfactWorks.

Why Choose Us?



15 Years Production Experience

All products raw material supply system is mature, low purchase cost, high level of technology, which have 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 assemble of end products, to the inspection of aging test and packaging, and to the final sample inspection, everything is done to provide the best products for customers.



15% Product Profit Control

The profit of many products is controlled within 15%, leaving enough profit space for our customers, and at the same time, in order to achieve the sales target of 100 million yuan faster.



OEM/ODM Available Keep Secret For Clients

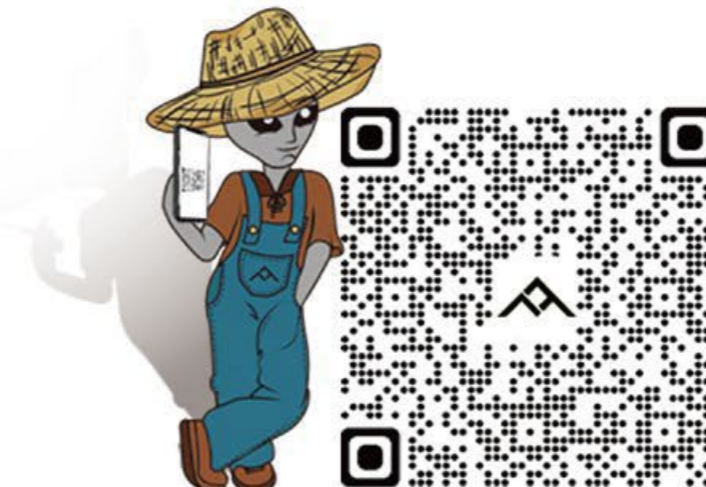
Customer privacy is highly valued. We take the core benefit of customers as our first goal. Product information and technology of our customers are not allowed to be exposed to third party.



Full Stocked Drop Shipping Available

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

Partners & Family

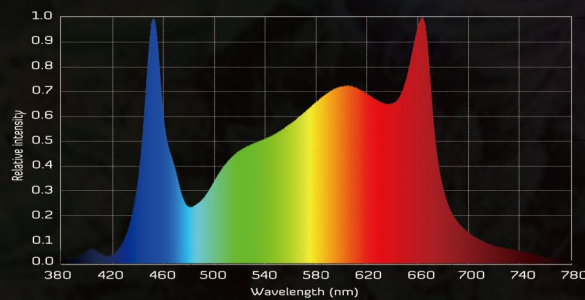


JOIN US
Scan the QR Code to Join Us

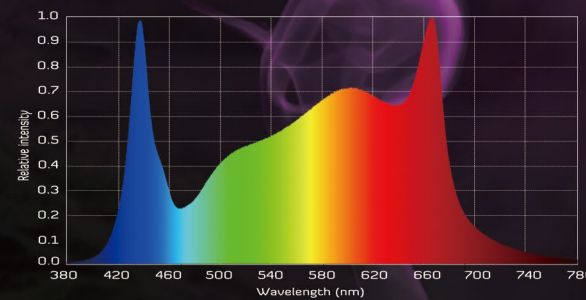
LiftPAR

COMMERCIAL GROWERS UNIQUE FEATURES, CHEAPER PRICE

Selected Spectrum For Optimum Growth



Full Spectrum With UV IR



Full Spectrum

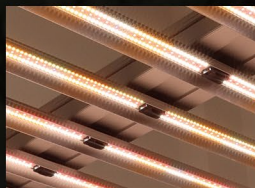
Our carefully selected spectrum ensures that only light within the Photosynthetically Active Radiation (PAR) region is provided to ensure optimal growth within each growth phase for each plant type.

Top Features:



Top Bin Samsung Diode

High Energy Efficiency with 2.8 $\mu\text{mol}/\text{J}$. Max 2.5g yield per wattage (power draw), achieve maximum quality and quantity, much better than traditional HID grows.



Full Sunlike Spectrum

Ideal for all growth stages, excellent full spectrum mixed with warm white, cool white, red and UV, IR LED (3000K, 5000K, 660nm and IR 730nm & 395nm UV)



IR UV Separated Control

Freely adjust the lighting 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.

LiftPAR LP1000

HORTICULTURE
LED LIGHT



LiftPAR-LP1000

1000W LED Grow 8 Bar System

- Samsung
- 2.8** $\mu\text{mol}/\text{J}$ Efficiency
- 2800** $\mu\text{mol}/\text{s}$ PPF
- 0-100%** Dimming
- Group Set
- 5** Years Warranty
- No Noise
- 100/277V
- 50/60Hz

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

PPFD at 12"

1616	1639	1615
1726	1905	1729
1696	1732	1726
1735	1695	
1726	1716	1727
1615	1639	1617

Average=1697 μmol

PPFD at 24"

1318	1318	1320	1124	1117	1126
1379	1368	1377	1143	1120	1140
1291	1346	1366	1345	1290	1109
1136	1375	1375	1140	1139	1142
1320	1318	1321	1124	1121	1122

Average=1340 μmol

Average=1127 μmol

Data Sheet:

Power Draw

1000 W

HPS Equivalent

2000 W

LED Chip (2784PCS LED)

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

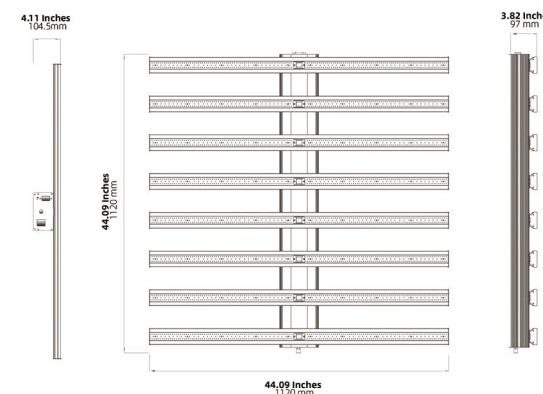
LED Driver

UL Certified Driver

Dimming

Manual & RJ11 Controller

Dimensions:



Mounting Height: 18" - 36" above canopy

Weight: 39.7 lbs (18KG)

Coverage Area:

Personal Grow
7' x 7'

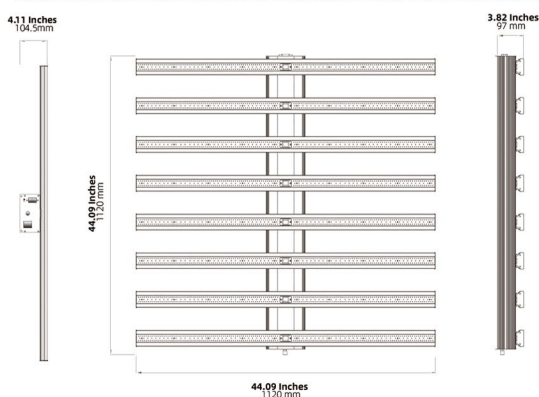
Commercial Grow
6' x 6'



LiftPAR-LP750 750W LED Grow 8 Bar System

- Samsung
- 2.8 $\mu\text{mol}/\text{j}$ Efficiency
- 2100 $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- 5 Years Warranty
- No Noise
- 100/277V
- 50/60Hz

Dimensions:



Mounting Height: 18" - 36" above canopy Weight: 26.5 lbs (12KG)

Coverage Area:

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

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

PPFD at 12"

1198	1152	1197		
1242	1197	1241		
1126	1214	1213	1211	1129
1242	1195	1243		
1199	1115	1200		

Average=1697 μmol

PPFD at 24" PPFD at 36"

908	973	908		
974	1000	973		
928	982	1000	984	928
973	1001	975		
907	975	909		

787	820	785		
811	827	814		
777	805	815	807	777
863	827	813		
782	823	787		

Average=1340 μmol Average=1127 μmol

Data Sheet:

Power Draw
750W
HPS Equivalent
1500 W
LED Chip (2088PCS LED)
3000K&5000K & Red 660NM& UV & IR

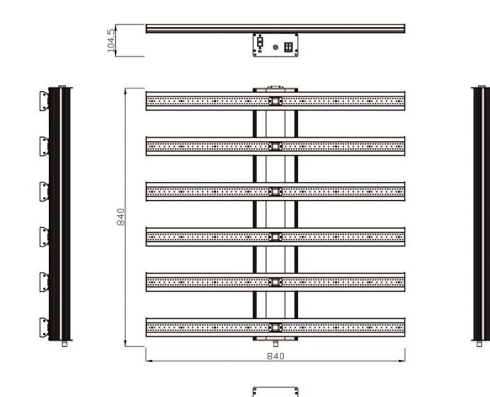
LED Driver
UL Certified Driver
Dimming
Manual & RJ11 Controller



LiftPAR-LP500 500W LED Grow 8 Bar System

- Samsung
- 2.8 $\mu\text{mol}/\text{j}$ Efficiency
- 1400 $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- 5 Years Warranty
- No Noise
- 100/277V
- 50/60Hz

Dimensions:



Mounting Height: 18" - 36" above canopy Weight: 19.18 lbs (8.7KG)

Coverage Area:

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

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

PPFD at 12"

786	938	787		
1109	1132	1113		
980	1184	1209	1182	981
1113	1136	1111		
786	937	787		

Average=1697 μmol

PPFD at 24" PPFD at 36"

599	653	602		
716	730	714		
687	745	766	746	690
714	732	715		
600	655	600		

499	528	499		
545	560	548		
528	560	570	561	531
548	562	547		
496	530	498		

Average=1340 μmol Average=1127 μmol

Data Sheet:

Power Draw
500 W
HPS Equivalent
1000 W
LED Chip (1476PCS LED)
3000K&5000K & Red 660NM& UV & IR

LED Driver
UL Certified Driver
Dimming
Manual & RJ11 Controller



LiftPAP-LP250
250W LED Grow 8 Bar System

Samsung	2.8 μmol/j Efficiency	700 μmol/s PPF	0-100% Dimming	Group Set	5 Years Warranty
No Noise	100/277V	50/60Hz			

PPFD Chart: μmol/s

PPFD at 12"

293		519		297
	759	832	757	
590	897	998	895	590
	755	834	757	
295		517		295

Average=1697μmol

PPFD at 24"				PPFD at 36"							
388		338		280		240		255		238	
	388	413	390				268	278	270		
368	432	461	436	365			261	279	287	280	260
								270	279	271	
	388	415	391								
280		340		280			240		259		242

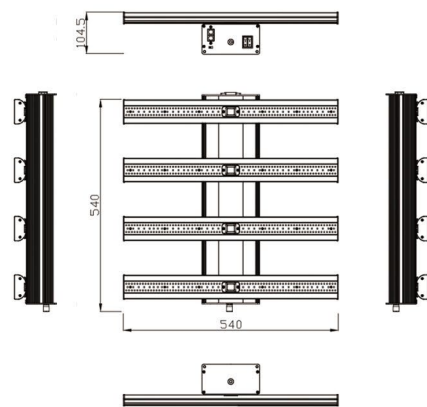
Average=1340μmol

Average=1127μmol

Data Sheet:

- Power Draw **250 W**
- HPS Equivalent **600 W**
- LED Chip (696PCS LED) **3000K&5000K & Red 660NM& UV & IR**
- LED Driver **UL Certified Driver**
- Dimming **Manual & RJ11 Controller**

Dimensions:



Mounting Height: 18" - 36" above canopy

Weight: 9.92 lbs (4.5KG)

Coverage Area:

- Personal Grow **3' x 3'**
- Commercial Grow **2' x 2'**

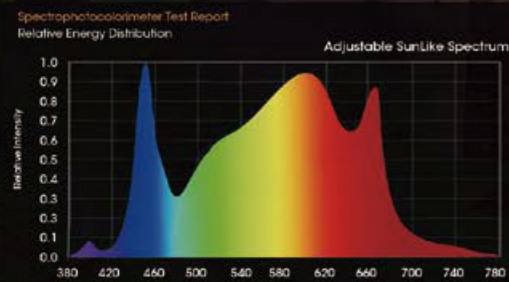


**Enhance
Your Grow
With LiftPAR**

WingFlex™

HORTICULTURE LED MAXIMIZE YOUR-YIELDS AND PROFITS FRO VERTICAL FARMING

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.

Dimming & Light Switch Daisy Chain

Meet Your Commercial Planting Needs, Bring You a More Convenient Planting Life



1 Dimmable & Flexible

2 Multiple Models Daisy Chain Dimming

Using a daisy chain signal cable, support multi-lights connection up to **5-10 lights**.

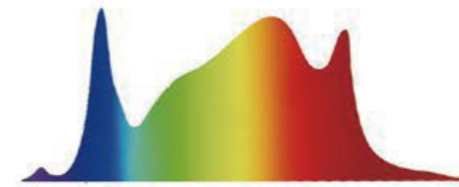


RJ11 touch screen controller optional
for commercial growers' projects

Max control **40-50 lights** with 2 groups

WingFlex WF420

HORTICULTURE
LED LIGHT

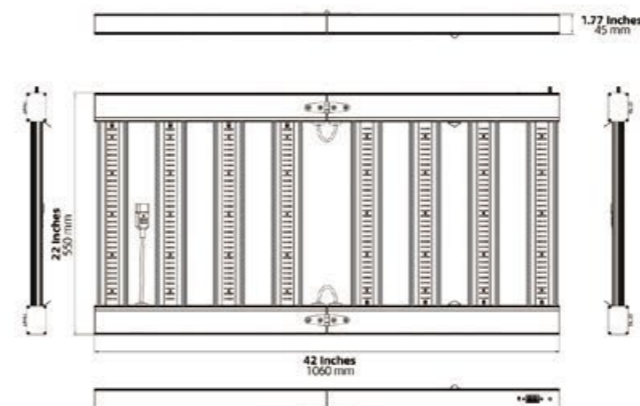


WingFlex- WF420

Folding 420W Grow Bars

- LM2516 Samsung
- A 0-180° Folding
- 2.8 μmol/j Efficiency
- 1176 μmol/s PPF
- 0-100% Dimming
- Group Set
- No Noise
- 100/277V
- 50/60Hz
- 5 Years Warranty

Dimensions:



Mounting Height: 18" - 24" above canopy

Coverage Area:

Personal Grow	Commercial Grow
7' x 4'	6' x 3'

PPFD Chart: μmol/s

PPFD at 12"

561		498		563
	931	860	930	
1121	1116	1078	1109	1118
	928	857	925	
561		495		559

Average=835μmol

PPFD at 24"

533	516	534
698	698	699
812	804	795
698	696	697
533	515	532

Average=632μmol

PPFD at 36"

466	576	579
	578	632
596	623	620
	578	573
468	472	574

Average=506μmol

Data Sheet:

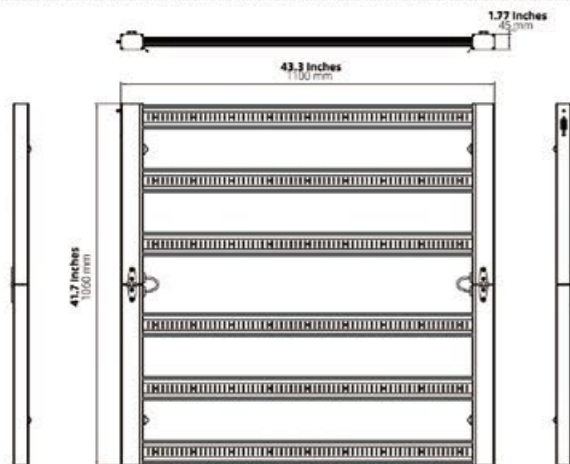
- Power Draw **420 W**
- HPS Equivalent **1000 W**
- LED Chip (1088 PCS LED)
- Samsung 3000K & 5000K & UV & IR & Red 660NM**
- LED Driver **UL Certified Driver**
- Dimming **Manual & RJ11 Controller**



WingFlex-WF630
Folding 630W Grow Bars

- Samsung
- Folding
- 2.8** $\mu\text{mol}/\text{j}$ Efficiency
- 1764** $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- No Noise
- 100/277V
- 50/60Hz
- 5** Years Warranty

Dimensions:



Mounting Height: 18" - 36" above canopy

Coverage Area:

Personal Grow **5' x 5'** Commercial Grow **4' x 4'**

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

PPFD at 12"

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

Average=1016 μmol

PPFD at 24" PPFD at 36"

703	726	709
781	782	784
809	818	811
815	805	
781	722	777
702	657	700

Average=758 μmol

596	610	598
631	632	635
623	640	642
638	622	
632	630	629
596	609	595

Average=621 μmol

Data Sheet:

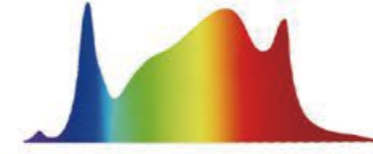
Power Draw **630 W**

HPS Equivalent **1500 W**

LED Chip(1080 PCS LED)
Samsung 3000K&5000K & UV & IR & Red 660NM

LED Driver
UL Certified Driver

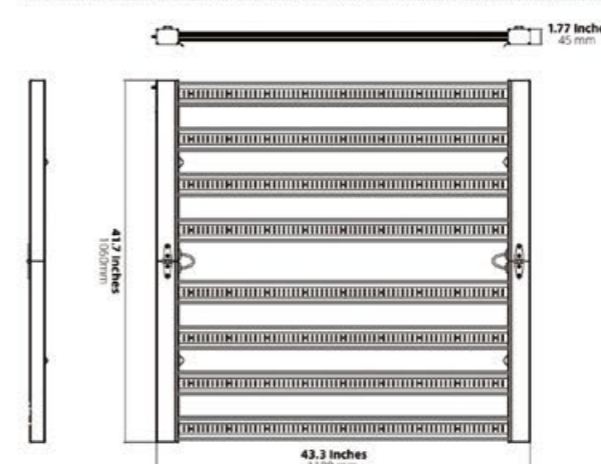
Dimming
Manual & RJ11 Controller



WingFlex-WF840
Folding 840W Grow Bars

- Samsung
- Folding
- 2.8** $\mu\text{mol}/\text{j}$ Efficiency
- 2352** $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- No Noise
- 100/277V
- 50/60Hz
- 5** Years Warranty

Dimensions:



Mounting Height: 18" - 36" above canopy

Coverage Area:

Personal Grow **7' x 7'** Commercial Grow **6' x 6'**

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

PPFD at 12"

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

Average=1519 μmol

PPFD at 24" PPFD at 36"

918	989	921
1050	1062	1051
1090	1109	1106
1107	1096	
1049	1040	1048
919	987	917

Average=1028 μmol

790	820	792
838	849	840
833	853	855
832	800	
838	846	837
790	817	788

Average=824 μmol

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

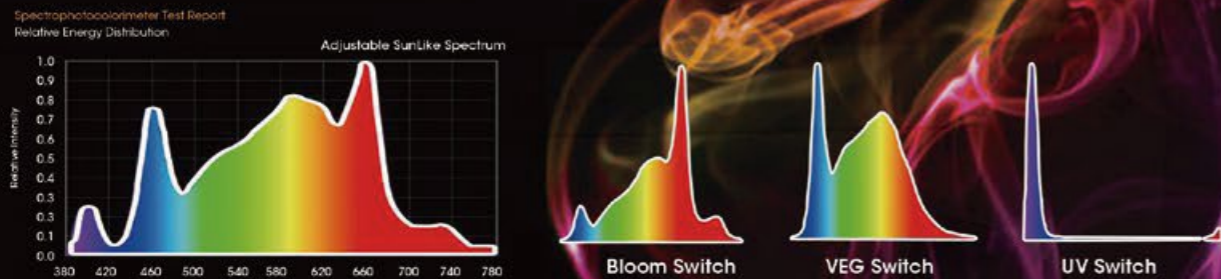
Dimming
Manual & RJ11 Controller

ZEUSOL™

COMMERCIAL GROWERS MAXIMIZE YOUR-YIELDS AND PROFITS

250W/510W/700W/1000W 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 2.9 $\mu\text{mol}/\text{J}$, make you get 30% higher yield compare OLD blue led lights: Max 2.5 g yield per wattage (power draw), achieve maximum quality and quantity, much better than traditional HPS grow systems.



Full Sunlike Spectrum

Ideal 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 light intensity 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.

ZEUSOL ZE1000

HORTICULTURE
LED LIGHT



ZEUSOL-ZE1000

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

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

PPFD at 12"

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

Average=1881 μmol

PPFD at 24"

1348	1385	1347
1502	1505	1504
1519	1545	1544
1544	1518	1502
1504	1502	1384
1347	1384	1346

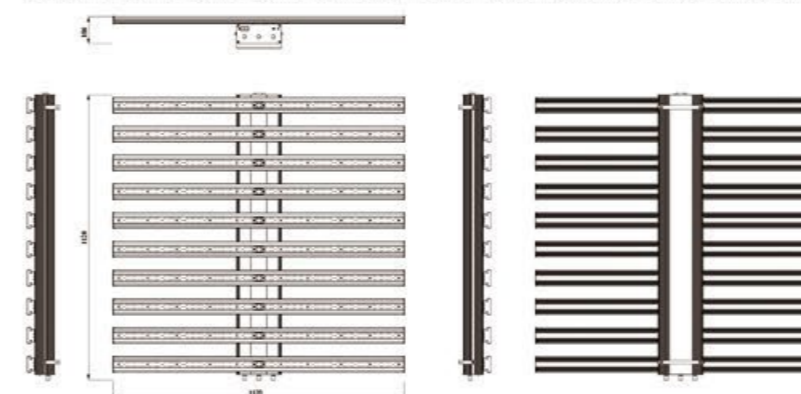
Average=1477 μmol

PPFD at 36"

1157	1185	1156
1235	1235	1233
1236	1247	1248
1246	1234	1234
1234	1233	1232
1158	1187	1157

Average=1219 μmol

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 41.89 lbs (19KG)

Coverage Area:

Personal Grow 7.5' x 7.5'	Commercial Grow 6' x 6'
-------------------------------------	-----------------------------------

Data Sheet:

Power Draw

1000 W

HPS Equivalent

2000 W

LED Chip (2360PCS LED)

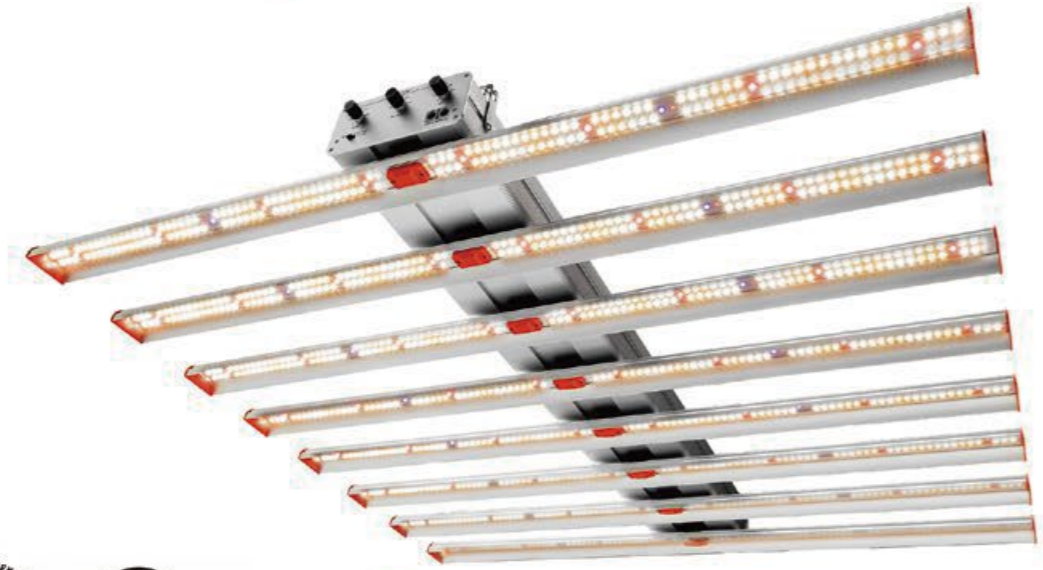
Samsung Lm301B/H 3000K&5000K & UV & IR & Osram Red 660NM

LED Driver

Sosen Brand Driver

Dimming

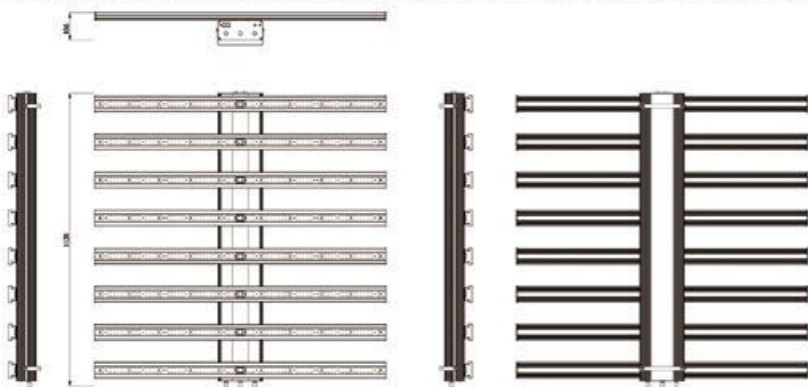
Manual & RJ11 Controller



ZEUSOL-ZE700
700W LED Grow 8 Bar System

- LM Samsung
- SS 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

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 34.39 lbs (15.6KG)

Coverage Area:

Personal Grow **7' x 7'**
Commercial Grow **5' x 5'**

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

PPFD at 12"

1120	1211	1120
1283	1309	1283
1129	1306	1229
1285	1309	1283
1122	1211	1120

Average=1254 μmol

PPFD at 24" PPFD at 36"

983	992	1023
1035	1040	1023
1007	1037	1043
1035	1040	1035
983	992	953

Average=1015 μmol

800	834	800
838	850	838
810	832	845
838	850	838
800	834	800

Average=829 μmol

Data Sheet:

Power Draw **700 W**
HPS Equivalent **1500 W**
LED Chip (1440 PCS LED)
Samsung Lm301B/H 3000K&5000K & UV & IR & Osram Red 660NM

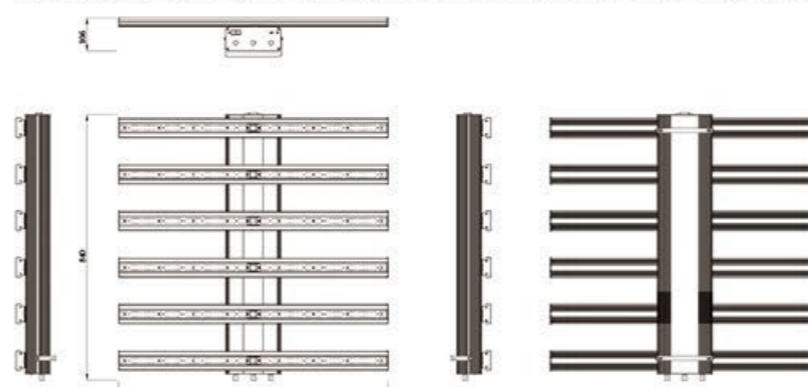
LED Driver **Sosen Brand Driver**
Dimming **Manual & RJ11 Controller**



ZEUSOL-ZE510
510W LED Grow 6 Bar System

- LM Samsung
- SS Osram
- 2.9 $\mu\text{mol}/\text{j}$ Efficiency
- 1479 $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- No Noise
- 100/277V
- 50/60Hz
- 5 Years Warranty

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 23.14 lbs (10.5KG)

Coverage Area:

Personal Grow **5.5' x 5.5'**
Commercial Grow **4.5' x 4.5'**

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

PPFD at 12"

920	1139	920
1304	1371	1304
1167	1396	1167
1304	1371	1304
920	1139	920

Average=1250 μmol

PPFD at 24" PPFD at 36"

720	796	720
878	895	878
852	918	920
878	895	878
720	796	720

Average=855 μmol

600	620	600
640	652	640
653	653	653
640	652	640
600	620	600

Average=637 μmol

Data Sheet:

Power Draw **510 W**
HPS Equivalent **1200 W**
LED Chip (1080 PCS LED)
Samsung Lm301B 3000K&5000K & UV & IR & Osram Red 660NM

LED Driver **Sosen Brand Driver**
Dimming **Manual & RJ11 Controller**

ZEUSOL ZE700

HORTICULTURE LED LIGHT

NEW PRO

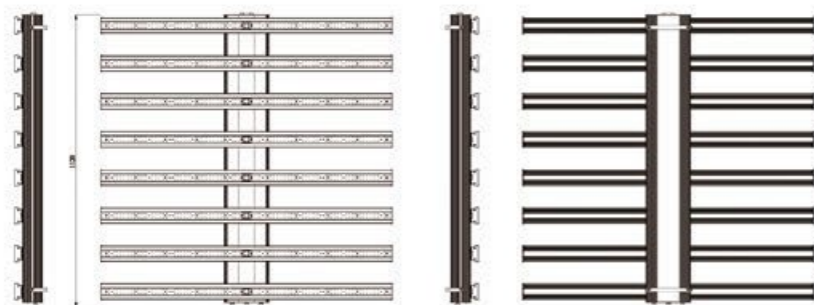


ZEUSOL ZE700-PRO

700W LED Grow 8 Bar System

- Samsung
- Osram
- 3.1** $\mu\text{mol}/\text{j}$ Efficiency
- 2170** $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- No Noise
- 100/277V
- 50/60Hz
- 5** Years Warranty

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 34.83 lbs (15.8KG)

Coverage Area:

Personal Grow **7' x 7'** Commercial Grow **5' x 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" PPFD at 36"

999	1049	960		
	1088	1132	1089	
1067	1127	1142	1126	1064
	1087	1131	1086	
958		1048	954	

Average=1079 μmol Average=855 μmol

Data Sheet

Power Draw
700 W

HPS Equivalent
1500 W

LED Chip (2784 PCS LED)
Samsung Lm301H 3000K&5000K & UV & IR & Osram Red 660NM

LED Driver
Sosen Brand Driver

Dimming
Manual & RJ11 Controller

ZEUSOL ZE1000

HORTICULTURE LED LIGHT

NEW PRO

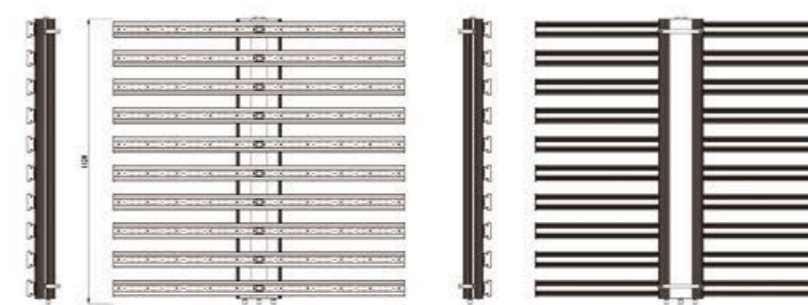


ZEUSOL ZE1000-PRO

1000W LED Grow 10 Bar System

- Samsung
- Osram
- 3.1** $\mu\text{mol}/\text{j}$ Efficiency
- 3100** $\mu\text{mol}/\text{s}$ PPF
- 0-100% Dimming
- Group Set
- No Noise
- 100/277V
- 50/60Hz
- 5** Years Warranty

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 42.32 lbs (19.2KG)

Coverage Area:

Personal Grow **7.5' x 7.5'** Commercial Grow **6' x 6'**

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" PPFD at 36"

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

Average=1537 μmol Average=1219 μmol

Data Sheet:

Power Draw
1000 W

HPS Equivalent
2000 W

LED Chip (3480 PCS LED)
Samsung Lm301H 3000K&5000K & UV & IR & Osram Red 660NM

LED Driver
Sosen Brand Driver

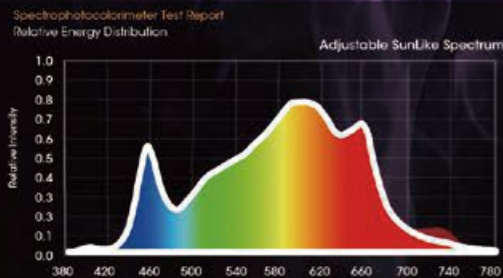
Dimming
Manual & RJ11 Controller

PARFACT™

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.

PARFACT PT120

HORTICULTURE LED LIGHT

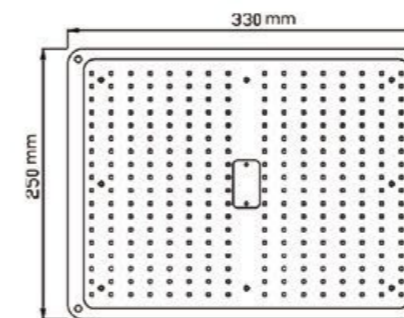


PARFACT - PT120

120W LED Grow Board

Samsung	MW	2.8 $\mu\text{mol}/\text{J}$	0-100%	Group Set	No Noise
100/277V	50/60Hz	CE	ROHS	30000 Hours Warranty	

Dimensions:



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"					
138	191	160		132	140	134			
	227	244	230		143	152	149		
227	252	270	250	225	146	147	153	144	142
	229	242	226		145	151	144		
157		190		155	135	138	131		

Average=223 μmol

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

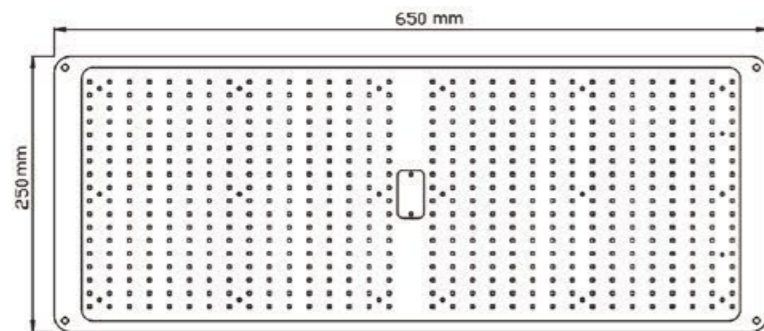
Manual & RJ11 Controller



PARFACT-PT240
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	

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 3.97kg/8.75lbs

Coverage Area:

Personal grow	Commercial grow
5' x 4'	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"		
314	355	312	254	274	254
433	448	435	288	290	249
415	473	492	274	287	285
	432	446	284	287	284
311	382	312	255	270	251

Average=416μmol

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

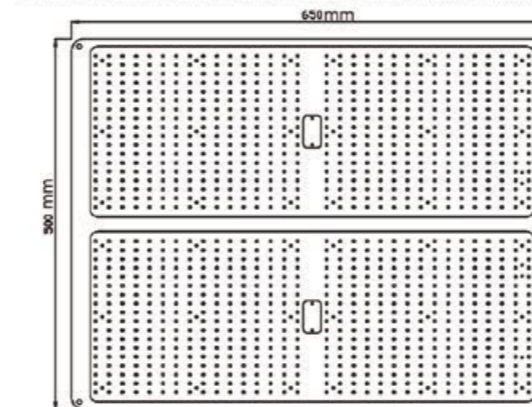
Dimming
Manual & RJ11 Controller



PARFACT-PT480
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	

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 7.59kg/16.83lbs

Coverage Area:

Personal grow	Commercial grow
5.5' x 5.5'	4' x 4'

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	528	574	508
894	975	894	589	605	590
803	945	1042	564	584	583
	892	972	580	604	587
624	782	621	506	573	525

Average=870μmol

Average=577μmol

Data Sheet

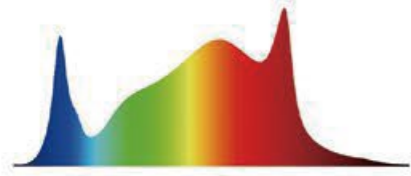
Power Draw
480 W

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



MAXPAR MP-600 600W
Designed For Greenhouse

Samsung	Osram	2.9 μmol/J Efficiency	1620 μmol/s PPF	0-100% Dimming	Group Set
Waterproof	No Noise	100/277V	50/60Hz	5 Years Warranty	

Dimensions:

43.3Inch (1104CM)



Mounting Height: 18" - 36" above canopy **Weight:** 15 Lbs/6.8kg

Max amperage by voltage service:

VOLTAGE	100V	208V	240V	277V
AMPERAGE	6.00A	2.80A	2.50A	2.17A

Coverage Area:

Personal Grow	Commercial Grow
6' x 4'	5' x 3'

PPFD Chart: μmol/s

PPFD at 12"

595	653	598
1375	1481	1376
2217	2313	2312
2322	2312	2218
1372	1482	1374
597	655	599

Average=1384μmol

PPFD at 24"			PPFD at 36"		
783	840	786	786	730	783
1039	1070	1040	791	813	788
1095	1170	1197	786	833	852
1170	1094	1094	790	810	789
1041	1069	1043	786	729	786
786	839	784			

Average=983μmol Average=792μmol

Data Sheet:

Power Draw
600 W

HPS Equivalent
1500 W

LED Chip(1080 PCS LED)
Samsung 3000K&5000K & UV & IR & Red 660NM

LED Driver
Meanwell Driver

Dimming
Manual & RJ11 Controller



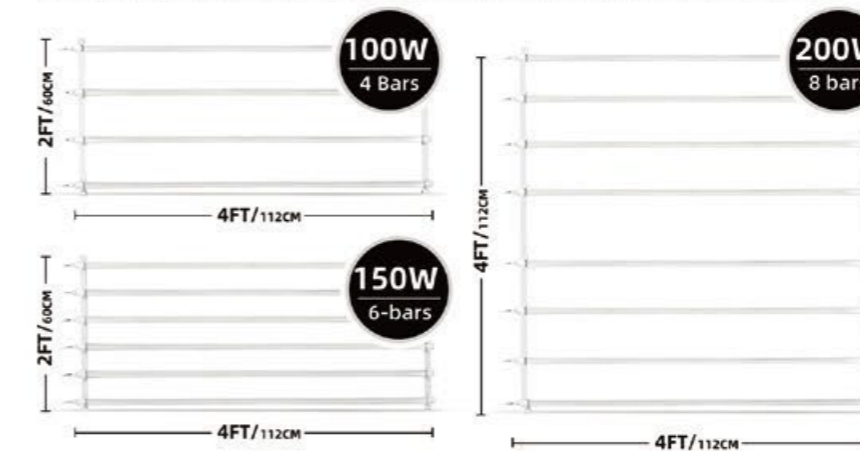
VEGIC V25*2 25W LED(2 PACK)
T8 Clone&Seeding Tube

Samsung	2.4 μmol/J Efficiency	150 LM/W Lumen	Waterproof
No Noise	100/277V	50/60Hz	5 Years Warranty

Dimensions:



Multi-Modular options:



Customizable LED Spectrum:

- Option 1**
6500K
- Option 2**
3000K+5000K
With UV IR
- Option 3**
Full Spectrum
- Option 4**
2700K
- Option 5**
Red+Blue

Daisy Chain Connectivity:

*Recommended number of parallel connections as follow

- 110V - supports up to 25 strips
- 220V - supports up to 50 strips



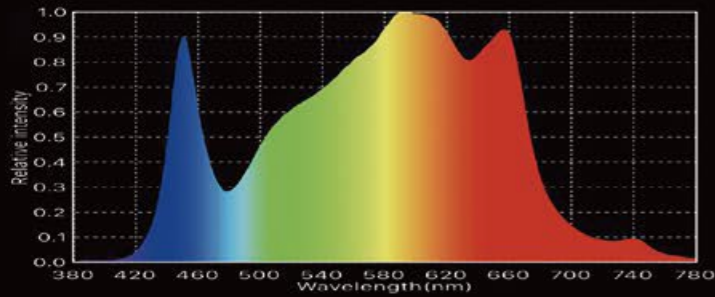
Coverage Area:

Personal Grow	Commercial Grow
6' x 3'	4' x 2'

HAPPYBUD™

HIGH YIELD LOW CONSUMPTION PROFESSIONAL GROW LIGHT SOLUTION 100W/150W OPTIONS

Selected Spectrum For Optimum Growth



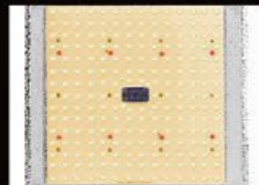
Our technologically selected spectrum ensures that only light within the Photosynthetically Active Radiation (PAR) region is provided to ensure optimal growth within each growth phase for each plant type.

Top Features:



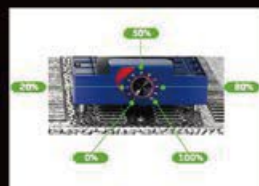
Samsung LM301H SMD Horticultural LEDs

Using professional White LED technology and high efficient SMD3535 horticultural LEDs, much better than traditional HPS grow systems.



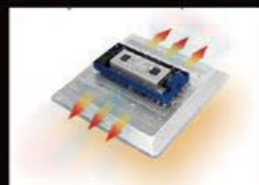
Full Sunlike Spectrum

Idea for all growth stages, excellent full spectrum- mixed with white, blue, red and UV, IR LED (3000K, 5000K, 660nm and IR 740nm & 395nm UV)



Dimmable

Powered by Meanwell 0-100% dimmable (HB1500).

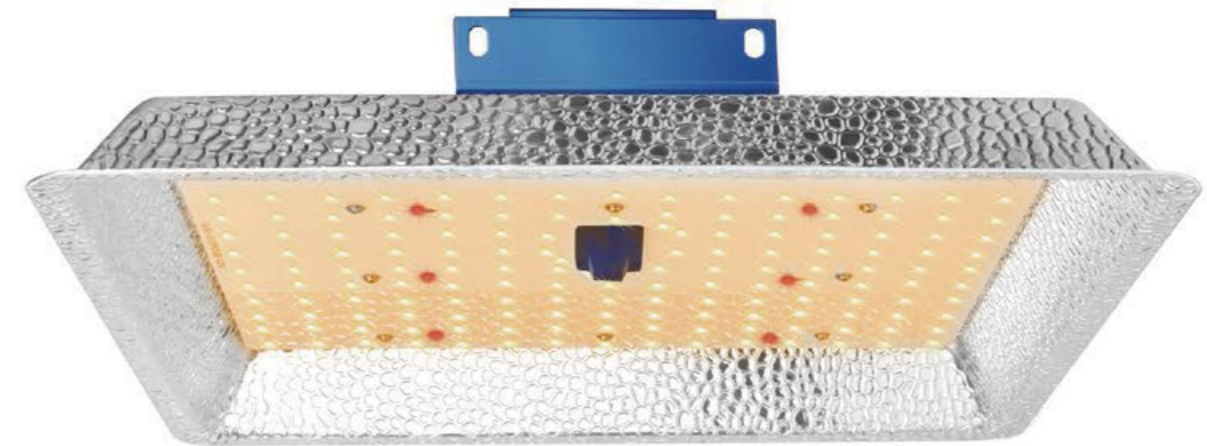


Noiseless passive cooling

No noise and perfect heat management, cool to touch

HAPPYBUD HB 1000

HORTICULTURE LED LIGHT



HAPPYBUD-HB1000

LED Grow Light

SAMSUNG	SMD 3535	Veg/Bloom	Optic lens	Beam Angle
100/265V	50/60Hz	CE	ROHS	5 Years Warranty

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

PPFD at 6"

48		203		48
	727	1179	726	
202	1180	1818	1180	202
	725	1179	725	
48		203		48

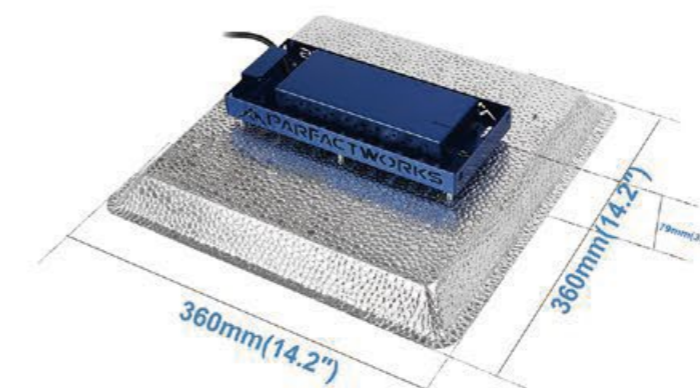
PPFD at 12"

127	263	125		
	467	623	466	
200	620	790	620	200
	466	622	466	
125	263	125		

PPFD at 18"

134	235	133		
	346	422	345	
230	430	502	430	230
	345	421	345	
134	237	134		

Dimensions:



Mounting Height: 6" - 36" above canopy

Coverage Area:

Perfect Coverage in VEG: 3' x 3'
Perfect Coverage in Bloom: 2' x 2'

Datasheet:

Power Draw
100 W

HPS Equivalent
400W

LED Chip
3000K- 104pcs, 5000K - 102pcs, 660nm - 6pcs, 740nm-2pcs, 395nm-4pcs

Daisy Chain
No

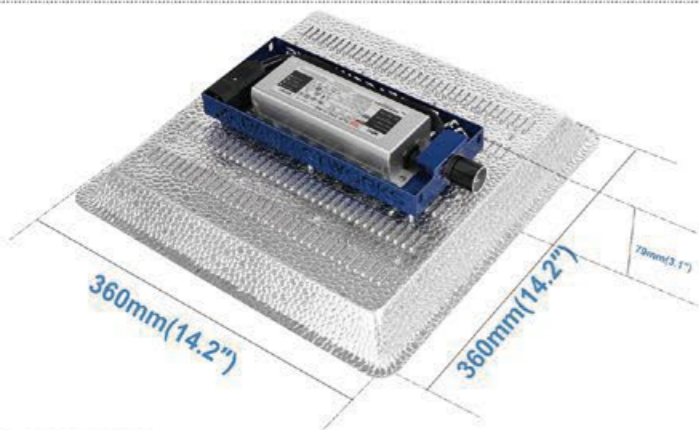
Life Span
Over 70,000hr



HAPPYBUD-HB1500
LED Grow Light

SAMSUNG	SMD 3535	Veg/Bloom	Optic lens	120° Beam Angle
100/265V	50/60Hz	CE	ROHS	5 Years Warranty

Dimensions:



Mounting Height: 6" - 36" above canopy

Coverage Area:

Perfect Coverage in VEG: **4' x 4'**
Perfect Coverage in Bloom: **3' x 3'**

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

PPFD at 6"

65		239		66
	853	1493	853	
182	1255	2315	1256	180
	854	1495	852	
63		237		64

PPFD at 12"			PPFD at 18"		
133	338	532	166	305	164
545	772	545	425	565	421
305	725	986	723	303	281
	548	770	546		423
135	335	532	165	303	164

Datasheet:

Power Draw
150 W

HPS Equivalent
600 W

LED Chip
3000K- 148pcs, 5000K - 148pcs, 660nm - 10pcs, 740nm-2pcs, 395nm-4pcs

Daisy Chai
No

Life Span
Over 70,000hr



HAPPY BUDS TO YOU

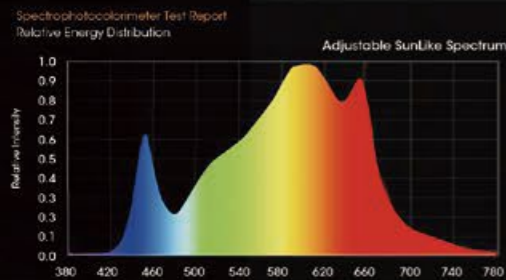
HIGH EFFICIENCY ENERGY SAVING PLANT LIGHT
EASY FOR FULL GROWTH CYCLE
ACHIEVE ENVIOUSLY LARGE HARVESTS
HAPPY GROWING WITH PARFACTWORKS.

RALITE

INDOOR GARDEN HIGH PERFORMANCE NEXT NEW GENERATION OF LED GROW LIGHT

115W 230W 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 SMD Horticultural LED

Using high efficient and more reliable SMD horticultural LEDs make you get 30% higher yield compare OLD blue/red 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 LED. Tailored spectra can meet all your various application need, easy for full growth cycle, easy for full growth cycle.



Unique Optic Lens Modules

Unique optic lens modules guarantee your outstanding PAR output and strong.



High Quality Silent Fan

Low noise and perfect heat management, cool to touch

RALITE RA1000

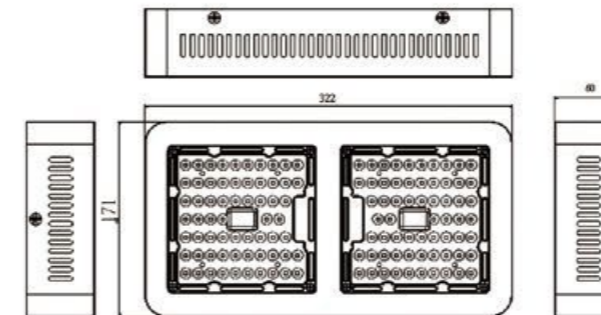
HORTICULTURE
LED LIGHT



RALITE-RA1000 115W LED Grow Light

- SMD2835
- Optic lens
- Beam Angle 120°
- 100/265V
- 50/60Hz
- CE
- ROHS
- 30000 Hours Warranty

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 3.4lbs

Coverage Area:

Personal grow: 4' x 3'
Commercial grow: 3' x 2'

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

PPFD at 12"

43	128	42
446	634	445
205	687	993
447	630	445
43	129	43

Average=447 μmol

PPFD at 24"

127	192	125
252	267	251
194	275	288
251	265	252
126	193	125

Average=226 μmol

PPFD at 36"

112	130	111
135	139	134
128	140	141
134	138	136
113	130	110

Average=132 μmol

Data Sheet

Power Draw
115 W

HPS Equivalent
300 W

LED Chip
3000K - 84pcs, 5000K - 28pcs, 660nm - 16pcs

Daisy Chain
4 units (MAX.)

Life Span
Over 70,000hrs

RALITE RA2000

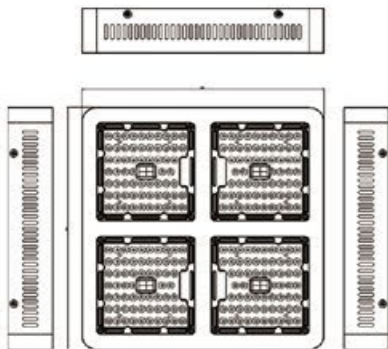
**HORTICULTURE
LED LIGHT**



**RALITE-RA2000
230W LED Grow Light**

SMD2835	Optic lens	2.5 μmol/J Efficiency
100/265V	50/60Hz	CE
ROHS	30000 Hours Warranty	

Dimensions:



Mounting Height: 18" - 24" above canopy

Weight: 5.8lbs

Coverage Area:

Personal grow 4' x 4'	Commercial grow 3' x 3'
--------------------------	----------------------------

PPFD Chart: μmol/s

PPFD at 12"

81	359	80
740	1206	739
382	1220	1778
1216	380	
741	1205	743
80	357	80

Average=822μmol

PPFD at 24"			PPFD at 36"		
213	362	212	224	259	222
455	513	454	255	275	257
381	518	558	258	278	282
516	380		277	260	
456	511	454	268	277	267
121	362	212	225	258	223

Average=427μmol Average=263μmol

Data Sheet

Power Draw
230 W

HPS Equivalent
600 W

LED Chip
3000K- 168pcs, 5000K - 56pcs, 660nm - 32pcs

Daisy Chain
2 units (MAX.)

Spectrum
Sunlike Full Spectrum

**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

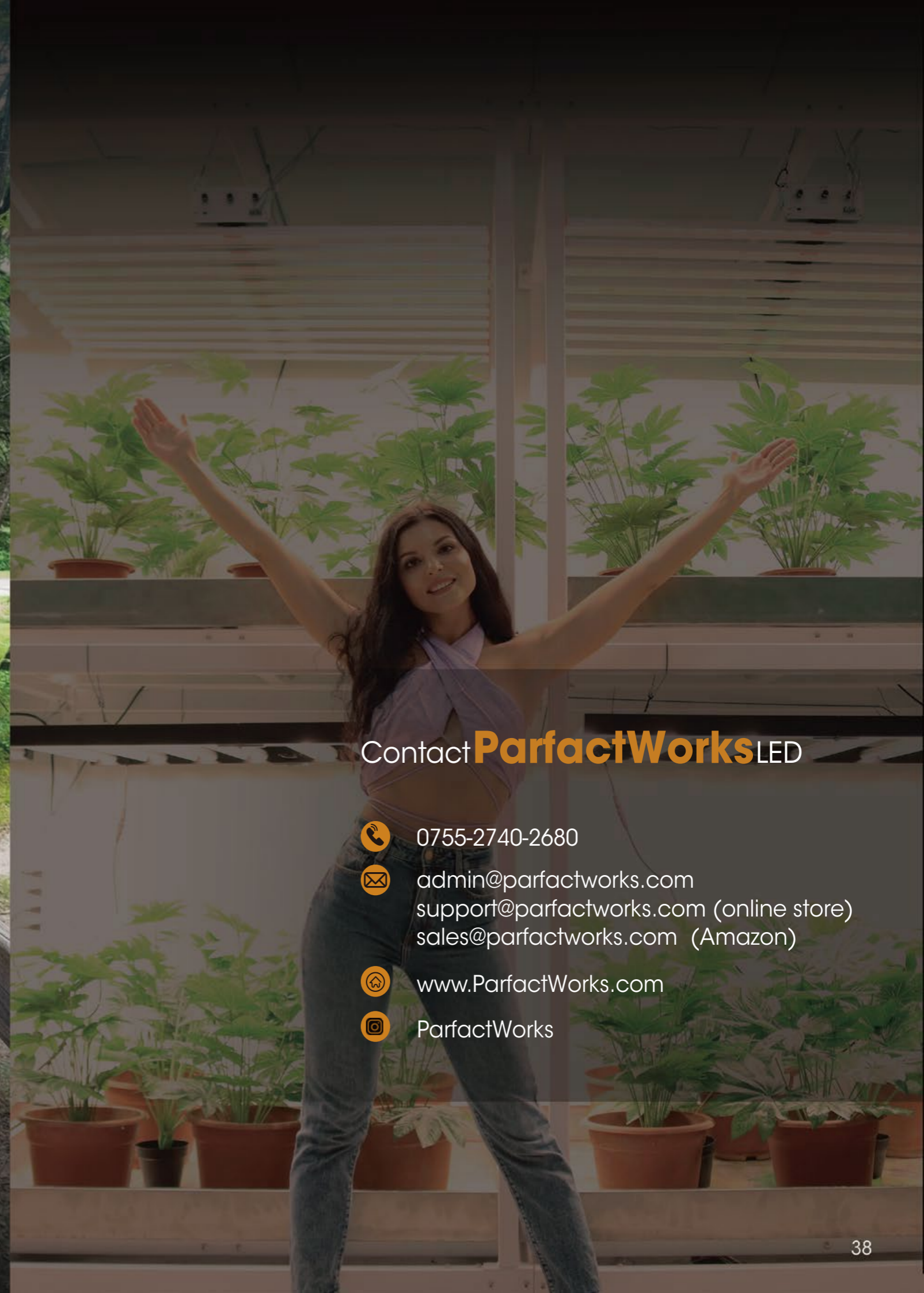
TOP SUPPLIER

DISCOVER YOUR BEST
LED GROW LIGHT SOLUTIONS



COMMERCIAL HORTICULTURE
HOME GARDEN GROWER

Bulk/commercial pricing: inquire for a volume quote.



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