



All for Light and Life

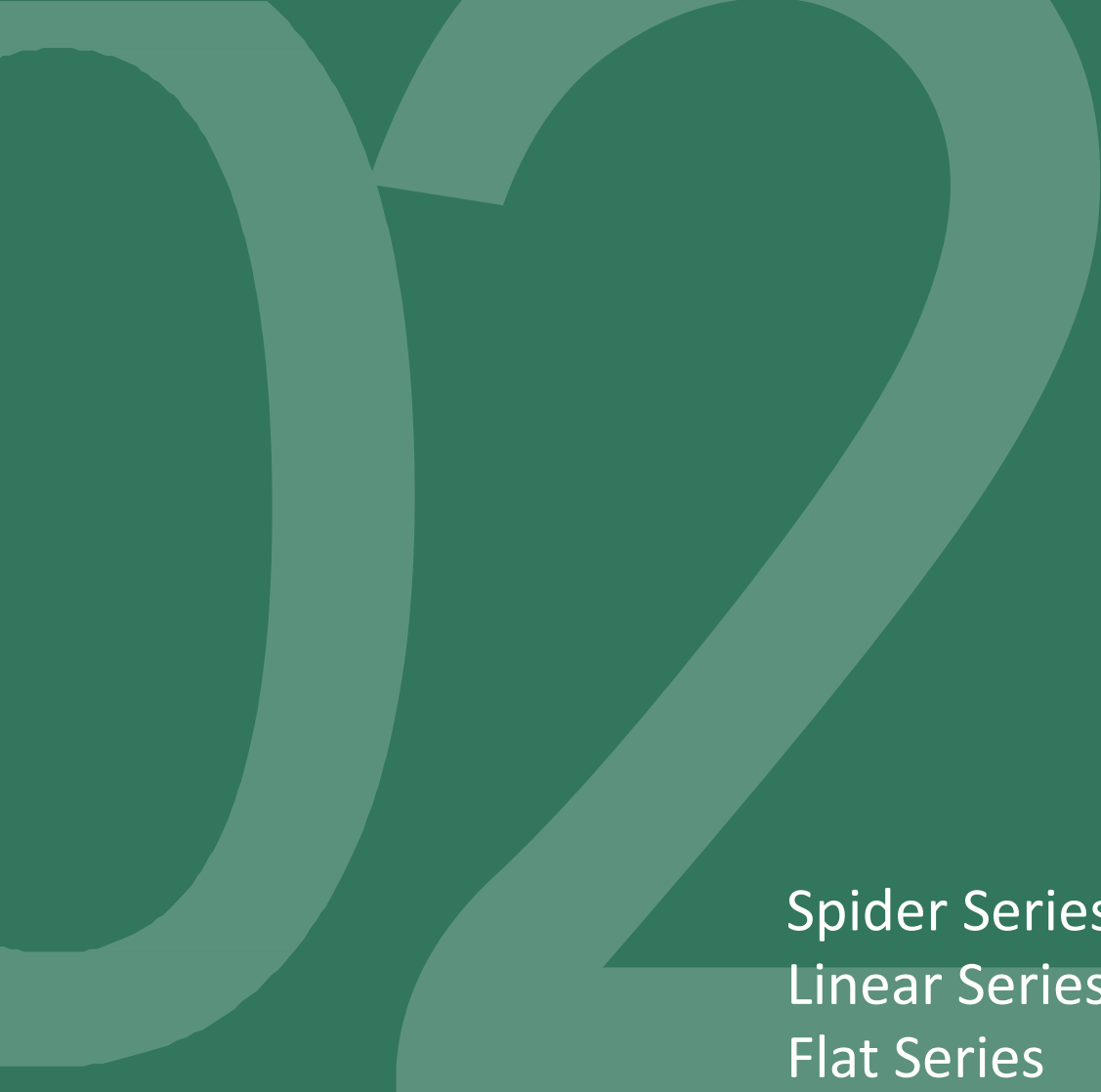
LIGHT OF GROWTH
Nathan Road, RM 1403
Hollywood Plaza 610, Mong Kok,
Kowloon Hong Kong
Email :sale@lightofgrowth.com



About
LIGHT OF GROWTH

GLOBAL DISTRIBUTION





Spider Series 06

Linear Series 10

Flat Series 12

Spider Series

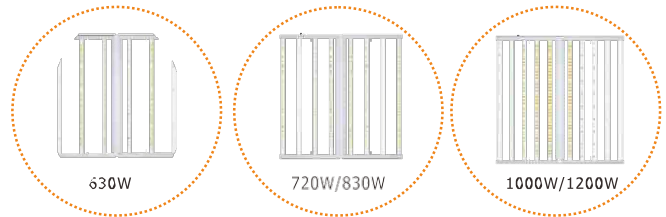
630W/720W/830W/1000W/1200W

UV+IR To Increase Yield

- ✓ Balanced full-spectrum & dimming for full growth cycle
- ✓ Integrated design, user friendly
- ✓ Reduced HVAC requirement (30-40% less)
- ✓ Flexible control system

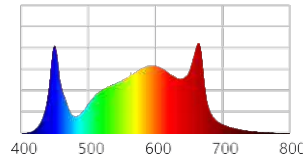


Product Model	Spider-1	Spider-2	Spider-3	Spider-4	Spider-5
Input Power	630W	720W	830W	1000W	1200W
Light Bars	6 bars	8 bars	8 bars	10 bars	10 bars
Efficiency	2.8 µmol/J				
Light Output PPF	1770 µmol/s	2020 µmol/s	2330 µmol/s	2800 µmol/s	3360 µmol/s
Dimming	0-10V, Manual control				
Input Voltage	AC 120V-277V				
Input Frequency	50/60Hz				
Light Distribution	120°				
Mounting Height	8"- 24"(20-60cm)				
Operating Temperature	0°C~35°C				
Operating Humidity	0~95%				
Thermal Management	Passive				
Power Factor	≥0.97				
Total Harmonic Distortion	< 15%				
Lifetime L90	≥50,000hrs				
IP Rating	IP65				
Product Dimensions	1110x1130x58mm				
Product Weight	7.0kg	8.2kg	8.2kg	9.8kg	9.8kg
Packing Dimensions	1160x610*145mm				
Gross Weight	7.8kg	9.0kg	9.0kg	10.6kg	10.6kg
Loading Quantity	20GP: 294 Cartons 40HQ: 692 Cartons				
Warranty	3 years				

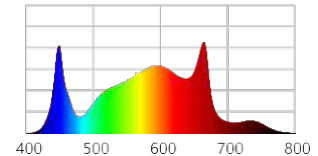


SQD SPECTRA

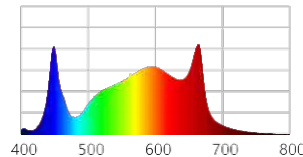
Full Spectrum GRAPH



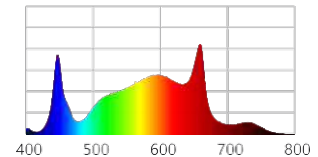
Full Spectrum + IR GRAPH



Full Spectrum + UV GRAPH



Full Spectrum + UV + IR GRAPH



Spider Series

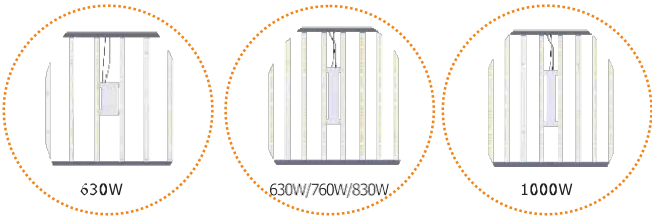
630W/720W/830W/1000W/1200W

Convenient Foldable

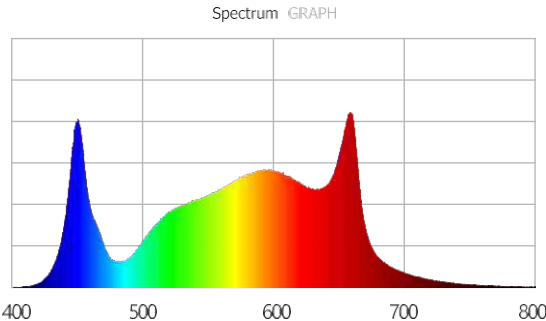
- ✔ Balanced full-spectrum & dimming for full growth cycle
- ✔ Wide input voltage range to meet most input voltage requirements.
- ✔ 2 utility model patents, 1 appearance patent
- ✔ Flexible control system
- ✔ Reduced HVAC requirement (30-40% less)



Product Model	Spider-6	Spider-7	Spider-8	Spider-9	Spider-10	Spider-29
Input Power	630W	630W	760W	830W	1000W	1200W
Light Bars	6 bars	8 bars	8 bars	8 bars	10 bars	10 bars
Efficiency	2.8 μmol/J					
Light Output PPF	1700μmol/s		2130μmol/s	2330μmol/s	2800μmol/s	3360μmol/s
Dimming	0-10V,Manual control					
Input Voltage	AC 120V-277V/200V-480V					
Input Frequency	50/60Hz					
Light Distribution	120°					
Mounting Height	8"- 24"(20-60cm)					
Operating Temperature	-20°C~35°C					
Operating Humidity	0~95%					
Thermal Management	Passive					
Power Factor	≥0.97					
Total Harmonic Distortion	≤ 15%					
Lifetime L90	≥50,000hrs					
IP Rating	IP65					
Product Dimensions	1145x1130x60mm	1145x1110x60mm				
Product Weight	8.9kg	9.7kg	9.7kg		13.9kg	
Packing Dimensions	1175x620x115mm	1175x715x115mm	1175x610x115mm		1175x715x115mm	
Gross Weight	11.5kg	12.7kg	12.0kg		17.0kg	
Loading Quantity	20GP:258Cartons 40HQ:630Cartons	20GP:245Cartons 40HQ:660Cartons	20GP:258 Cartons 40HQ:630 Cartons		20GP:245 Cartons 40HQ:660 Cartons	
Warranty	3 years					



SQD SPECTRA

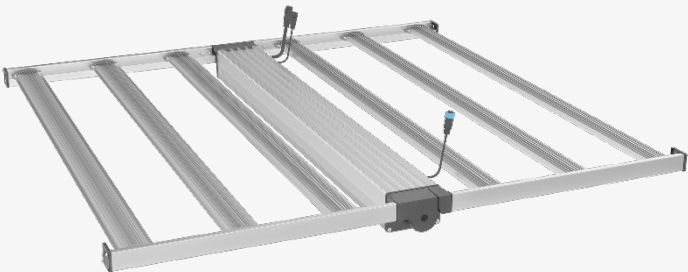


Spider Series

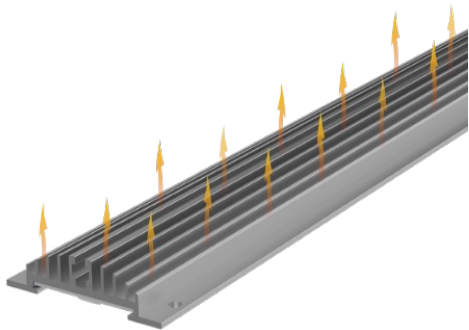
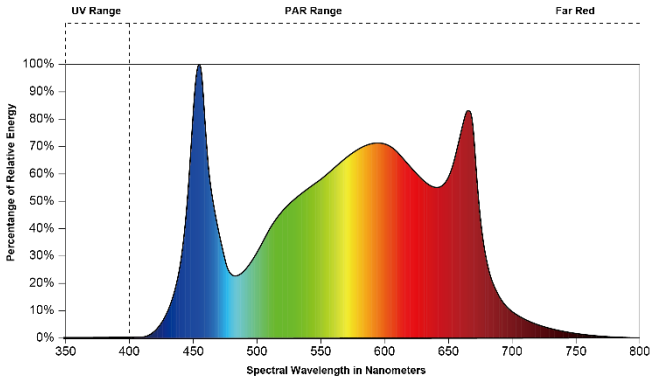
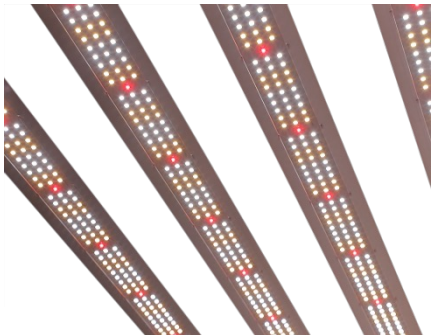
640W/750W/960W

Convenient Foldable

- ✓ Full spectrum
- ✓ AL 6063 materials and 180° foldable fixture
- ✓ ETL, DLC Listed, IP65
- ✓ Five Year Warranty



Product Model	Spider-11	Spider-12	Spider-13	Spider-14	Spider-15	Spider-16	Spider-17	Spider-18	Spider-19
Input Power	640W			750W			960W		
LED Brand	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram
Efficiency	2.75 μmol/J	2.85 μmol/J	2.85 μmol/J	2.75 μmol/J	2.85 μmol/J	2.85 μmol/J	2.75 μmol/J	2.85 μmol/J	2.85 μmol/J
Light Output PPF	1760	1824	1824	2063	1913	1913	2640	2736	2736
Dimming	0-10V								
Input Voltage	120-277V/347-480V								
Input Frequency	50-60Hz								
Light Distribution	120 degree								
Mounting Height	0.5-1.5m								
Operating Temperature	-4-104°F(-20-40°C)								
Operating Humidity	45% ~ 95%RH								
Thermal Management	Passive								
Power Factor	>0.95								
Total Harmonic Distortion	<20%								
Lifetime L90	50000h								
IP Rating	IP-65								
Product Dimensions	115.1*110.4*7.7cm								
Product Weight	11.7kg			13.1kg			13.6kg		
Packing Dimensions	120*72*10cm								
Gross Weight	14kg			15kg			15.5kg		
Warranty	5years								

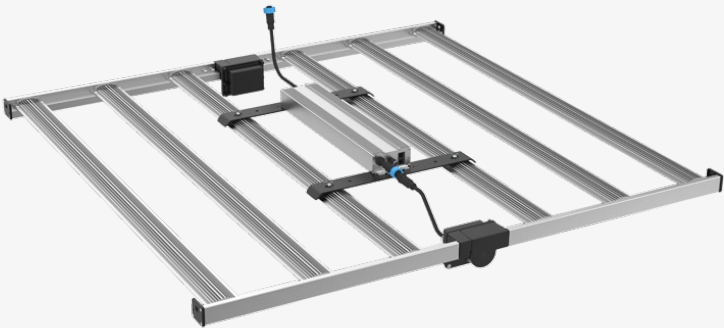


Spider Series

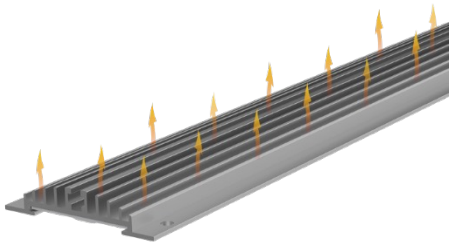
640W/750W/960W

Convenient Foldable

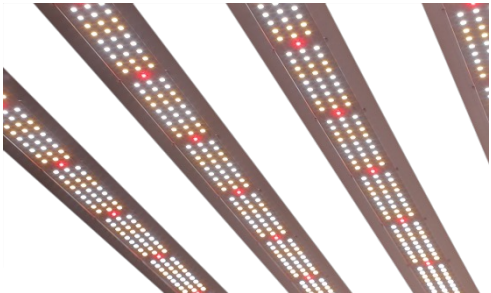
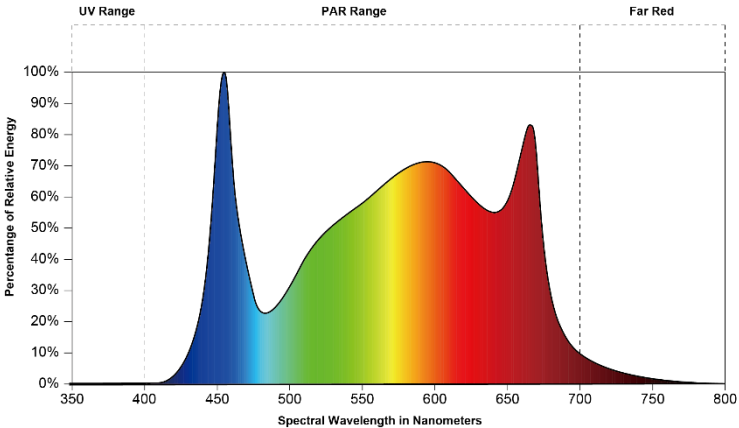
- ✓ Full spectrum
- ✓ AL 6063 materials and 180° foldable fixture
- ✓ ETL, DLC Listed, IP65
- ✓ Five Year Warranty



Product Model	Spider-20	Spider-21	Spider-22	Spider-23	Spider-24	Spider-25	Spider-26	Spider-27	Spider-28
Input Power	640W			750W			960W		
LED Brand	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram
Efficiency	2.75 μmol/J	2.85 μmol/J	2.85 μmol/J	2.75 μmol/J	2.85 μmol/J	2.85 μmol/J	2.75 μmol/J	2.85 μmol/J	2.85 μmol/J
Light Output PPF	1760	1824	1824	2063	1913	1913	2640	2736	2736
Dimming	0-10V								
Input Voltage	120-277V/347-480V								
Input Frequency	50-60Hz								
Light Distribution	120 degree								
Mounting Height	0.5-1.5m								
Operating Temperature	-4-104°F(-20-40°C)								
Operating Humidity	45% ~ 95%RH								
Thermal Management	Passive								
Power Factor	>0.95								
Total Harmonic Distortion	<20%								
Lifetime L90	50000h								
IP Rating	IP-65								
Product Dimensions	115.1*110.4*11.9cm								
Product Weight	10.9kg			12.2kg			12.8kg		
Packing Dimensions	120*72*10cm								
Gross Weight	12kg			14.5kg			15kg		
Warranty	5years								



4000lm 240W



Linear Series

110W-2200W

Free Combination

Five Spectra For Growth Cycle

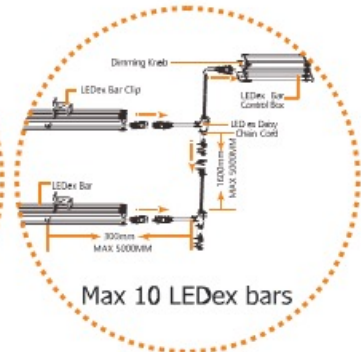
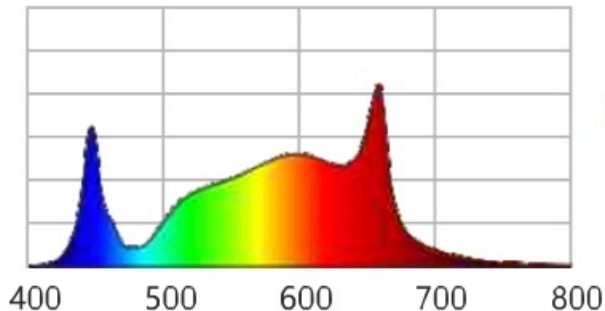
- ✓ 2 appearance patents, 1 software copyright
- ✓ Unique soft start technology prolongs lamp life
- ✓ AC 120-277V wide voltage
- ✓ Two installation methods are available



Linear-1

Product Mode	Linear-1	Efficiency	2.70~2.75 $\mu\text{mol/J}$
Input Voltage	AC120V/208V/240V/277V	Spectrum	Full Spectrum, White
Total UMOL Output	300 $\mu\text{mol/s}$	Light Distribution Angle	120°

Spectrum White GRAPH

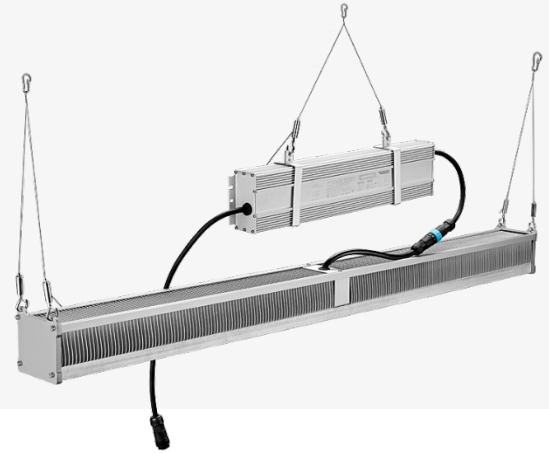


Linear Series

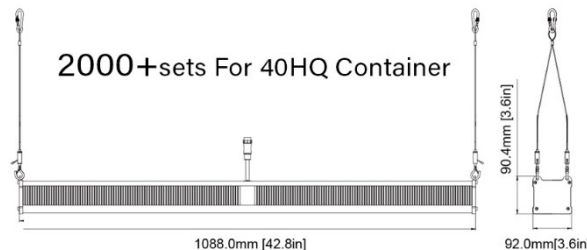
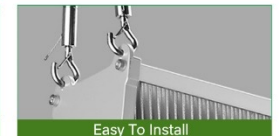
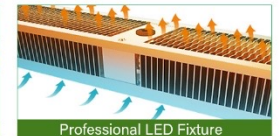
650W/750W

Convenient Foldable

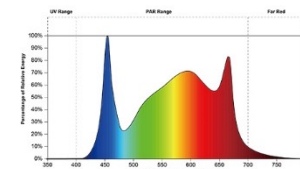
- ✓ Full spectrum
- ✓ 120-277VAC Input, 347-480VAC optional
- ✓ AL 6063 materials, ETL, DLC Listed, IP65
- ✓ Five Year Warranty



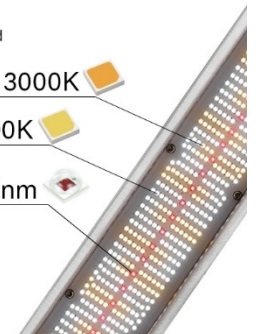
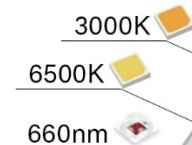
Product Model	Linear-2	Linear-3	Linear-4	Linear-5	Linear-6	Linear-7
Input Power	650W			750W		
Bar	1 Bar					
LED Brand	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram	Lumileds 2835 + Osram	Lumileds 3030 + Osram	Samsung 301B + Osram
Efficiency	2.5 μmol/J	2.6 μmol/J	2.6 μmol/J	2.5 μmol/J	2.6 μmol/J	2.6 μmol/J
Light Output PPF	1625	1690	1690	1875	1950	1950
Dimming	0-10V					
Input Voltage	120-277V/347-480V					
Input Frequency	50-60Hz					
Light Distribution	120 degree					
Mounting Height	1-3m					
Operating Temperature	-4-104°F(-20-40°C)					
Operating Humidity	45% ~ 95%RH					
Thermal Management	Passive					
Power Factor	> 0.95					
Total Harmonic Distortion	<20%					
Lifetime L90	50000h					
IP Rating	IP-65					
Product Dimensions	108.8*9.2*9.1cm Driver40*9*4.5cm					
Product Weight	Fixture 5.6kg Driver 3.8kg					
Packing Dimensions	Fixture 120*18*16cm Driver 45*12*8cm					
Gross Weight	Fixture 7kg Driver 5kg					
Warranty	5 years					



Use Top Quality LM301H/B or LUMILEDs white LED, and High efficiency Osram deep red 660nm.



*You can choose whether to add 395nm UV LED and 730nm IR LED.



Flat Series

1:1 Replace 1000W HPS

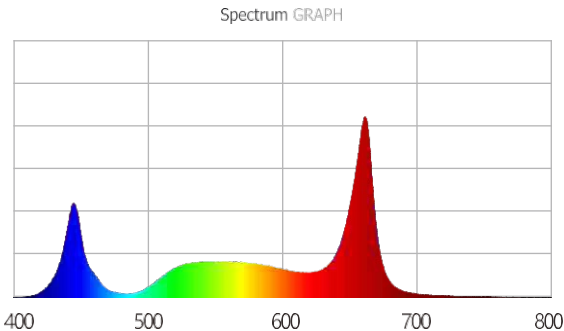
- ✓ Unique Soft Start Technology prolongs Lamp Life(10%)
- ✓ Integrated Silent Fanless Patented Design
- ✓ Wide light distribution for more uniform crop
- ✓ 20-100% dimming for growth cycle



Product Model	Flat-1
Input Power	760W
Efficiency	2.9 μmol/J
Light Output PPF	2210 μmol/s
Dimming	OFF/0-10V compatible,20%-100%
Input Voltage	AC120-277V
Input Frequency	50/60Hz
Light Distribution	120°
Mounting Height	>30" (80cm) above canopy
Operating Temperature	0°C~35°C
Operating Humidity	0~95%
Thermal Management	Passive
Power Factor	≥0.97
Total Harmonic Distortion	< 15%
Lifetime L90	≥50,000hrs
IP Rating	IP65
Product Dimensions	700x245x100mm
Product Weight	12.2kg
Packing Dimensions	745x330x150mm
Gross Weight	14.5kg
Loading Quantity	20GP: 640 Cartons 40HQ: 1650 Cartons
Warranty	3 years



SQD SPECTRA



Flat Series

Truss Type Shadowless Design

- ✓ Wide light distribution for more uniform crop
- ✓ Integrated silent fanless patent design
- ✓ Unique soft start technology extends lamp life(10%)
- ✓ Driver and Lighting Seperate Design

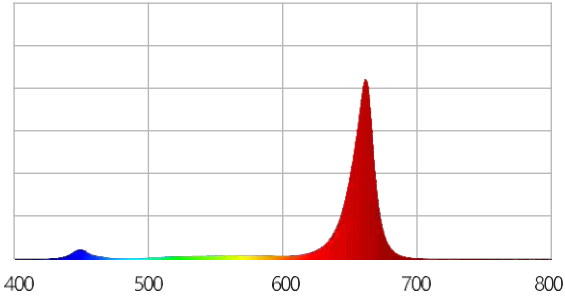


Product Model	Flat-2
Input Power	630W
Efficiency	2.9 μmol/J
Light Output PPF	1800pumol/s
Dimming	OFF/0-10V compatible,20%-100%
Input Voltage	AC120-277V
Input Frequency	50/60Hz
Light Distribution	120°
Mounting Height	>30" (80cm) above canopy
Operating Temperature	0°C~35°C
Operating Humidity	0~95%
Thermal Management	Passive
Power Factor	≥0.97
Total Harmonic Distortion	< 15%
Lifetime L90	≥50,000hrs
IP Rating	IP65
Product Dimensions	1180*100*80mm
Product Weight	9.5kg
Packing Dimensions	1215*170*150mm
Gross Weight	10.6kg
Loading Quantity	20GP: 770Cartons 40HQ: 2000Cartons
Warranty	3 years



SQD SPECTRA

Full Spectrum GRAPH





📍 Location:USA



📍 Location:las Vegas,NV.USA



📍 Location:Vancouver,BC.Canada



📍 Location:Western Cape,RSA



Location:CO,USA



Location:USA



Location:USA



Location:Wynnewood,OK,USA



Location:Adrian,MI,USA



Location:Maseru,Lesotho



Location:Bend,OR,USA



Location:USA



Location:Midrand,South Africa



Location: Santa Cruz, California, USA



Location: Bend, OR, USA



Location: USA



Location: USA



Location: South Africa



Location: South Africa



Location: USA



Location: Lesotho



Location: USA



Location:Ohio USA



Location:Russia



Location:Russia



Location:Russia



Location:Russia



Location:Russia



Location:YunNan China



Location:GuangDong China



Location:China

Price List

NO.	SPU	Product Price(\$)				Air Freight Price For 1pcs(\$)
		1pcs	> 20pcs	> 50pcs	> 100pcs	
1	Spider-1	423.50	411.40	399.30	393.25	110.00
2	Spider-2	514.25	508.20	502.15	493.68	110.00
3	Spider-3	550.55	542.08	532.40	522.72	110.00
4	Spider-4	641.30	629.20	617.10	611.05	126.50
5	Spider-5	671.55	653.40	641.30	629.20	126.50
6	Spider-6	381.15	375.10	369.05	365.42	110.00
7	Spider-7	423.50	417.45	408.98	401.72	110.00
8	Spider-8	477.95	471.90	462.22	453.75	110.00
9	Spider-9	538.45	532.40	522.72	514.25	110.00
10	Spider-10	617.10	605.00	598.95	592.90	126.50
11	Spider-29	653.40	643.72	629.20	619.52	126.50
12	Linear-1	102.85	102.85	99.22	96.80	49.50
13	Flat-1	659.45	653.40	643.72	635.25	104.50
14	Flat-2	423.50	415.03	408.98	401.72	85.80
15	Linear-2	375.10	371.80	366.30	366.30	97.90
16	Linear-3	405.90	402.60	397.10	397.10	97.90
17	Linear-4	488.40	485.10	479.60	479.60	97.90
18	Linear-5	534.60	531.30	525.80	525.80	97.90
19	Linear-6	504.90	501.60	496.10	496.10	97.90
20	Linear-7	551.10	547.80	542.30	542.30	97.90
21	Spider-11	353.10	349.80	344.30	344.30	117.70
22	Spider-12	415.80	412.50	407.00	407.00	117.70
23	Spider-13	468.60	465.30	459.80	459.80	117.70
24	Spider-14	468.60	465.30	459.80	459.80	117.70
25	Spider-15	541.20	537.90	532.40	532.40	117.70
26	Spider-16	645.70	642.40	636.90	636.90	117.70
27	Spider-17	484.00	480.70	475.20	475.20	117.70
28	Spider-18	557.70	554.40	548.90	548.90	117.70
29	Spider-19	661.10	657.80	652.30	652.30	117.70
30	Spider-20	346.50	343.20	337.70	337.70	117.70
31	Spider-21	408.10	404.80	399.30	399.30	117.70
32	Spider-22	462.00	458.70	453.20	453.20	117.70
33	Spider-23	462.00	458.70	453.20	453.20	117.70
34	Spider-24	534.60	531.30	525.80	525.80	117.70
35	Spider-25	635.80	632.50	627.00	627.00	117.70
36	Spider-26	477.40	474.10	468.60	468.60	117.70
37	Spider-27	551.10	547.80	542.30	542.30	117.70
38	Spider-28	652.30	649.00	643.50	643.50	117.70

Tips:

1. The above prices do not include VAT.
2. Air freight price is calculated based on transportation to Bangkok, so it is for reference only.
3. Due to factors such as changes in material prices, the above price is valid for 1 month, after which you need to refer to the real-time price.



LIGHT OF GROWTH

Nathan Road, RM 1403
Hollywood Plaza 610, Mong Kok,
Kowloon Hong Kong

Email : sale@lightofgrowth.com