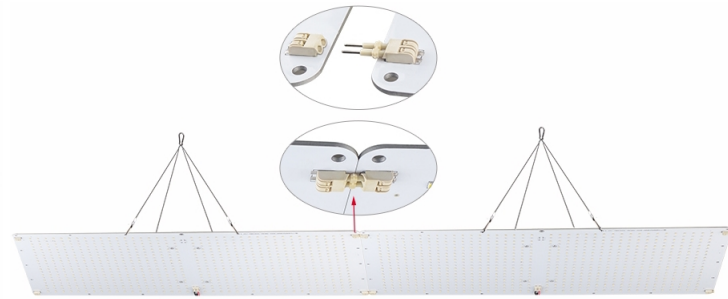
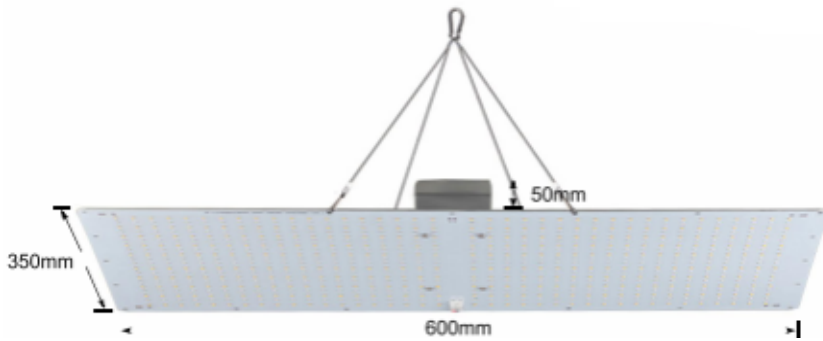
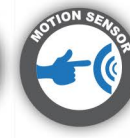


LED PLANT GROWTH LIGHT



200W

400W



The Plant growth light series has the high-performance solution for the most demanding applications within a unique design. It can be used in many applications such as greenhouse, farm, anywhere planting Flowers, Succulents, Fruits.

1. Top unique design 3.0/W conductivity, 20Z copper thickness.
2. High efficiency white light Quantum Boards used top 2835 smd led.
3. White Light Full Spectrum for better results.
4. Hanging Mounting.

Ordering Information

Area Series	Watts	Vorslon	Light Source	Spectrum	Voltage	Color
BB-GKD	200W	G1	2835 SMD LED	Full spectrum	BLANK-100-277VAC HV-200-480VAC	White(default)
BB-GKD	400W	G1	2835 SMD LED	Full spectrum	BLANK-100-277VAC HV-200-480VAC	White(default)

PERFORMANCE DATA

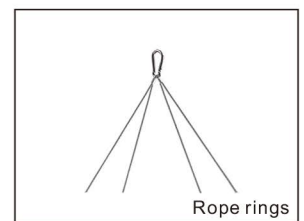
Power	200W	
Model	BB-GKD-200W-G1	
Replacement	HPS 600W	
System Efficiency	85lm/w	
Spectrum	Full spectrum	
Mounting	Hanging Mounting	
Light Source	2835 SMD LED	
Operation Temp.	-40 to +45°C	
Life Span	50,000 hours at 25°C	
Voltage	100-277VAC/50-60Hz	200-480VAC/50-60Hz Available
Driver	UL listed power supply	
Dimming	Dimmable	
Sensor	No sensor	
Dimensions	600*350*50mm	
Mounting Height	16cm above canopy	
Thermal Management	Passive	
IP	65	
PF	>0.95	
Warranty	5Years	

PROJECTS

Unused	LED Grow light	used
		
		
		
		
		
		

DETAILS

- 1.Top unique design 3.0/W conductivity, 2OZ copper thickness.
- 2.High efficiency white light Quantum Boards used top 2835 SMD LED.
- 3.White Light Full Spectrum for better results.
- 4.UL listed power supply, Safe and reliable, long life.
- 5.Perfect performance for veg and bloom.
- 6.Green, energy saving, long and reliable life of 50,000 hours.
- 7.No RF interference, No IR/UV radiation ,no mercury pollution.
- 8.Better canopy light penetration with diffused light.
- 9.Environment friendly ,energy saving (70~80%).
- 10.Special circuit design, each LED work separately,
avoiding the single broken LED influence problem.

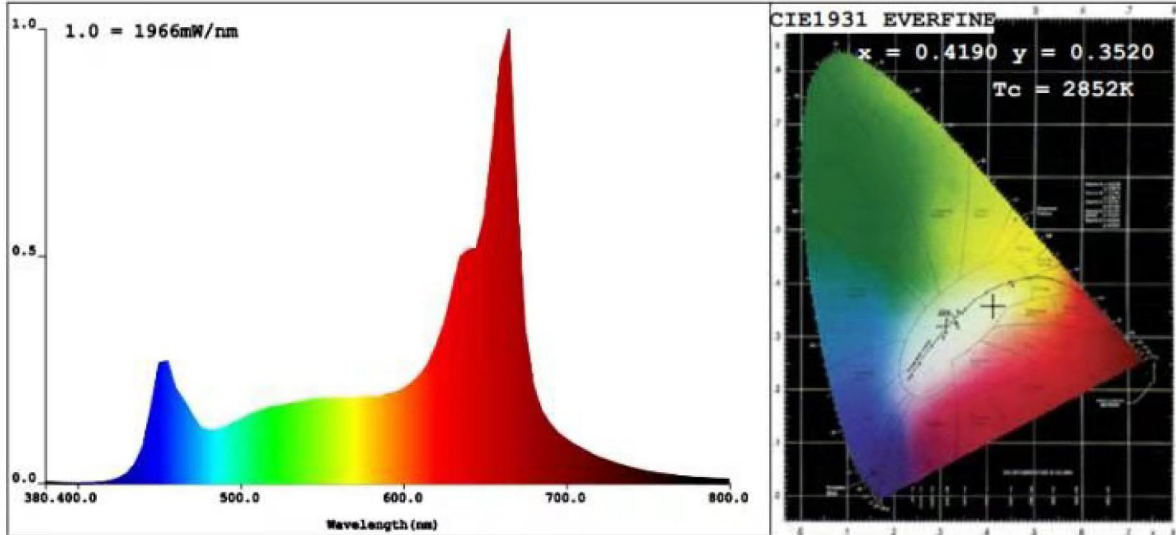


APPLICATION

- Greenhouse
- Farm
- Flowers planting
- Succulents planting
- Fruits planting



WAVELENGTH-SPECTRUM



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4190$ $y=0.3520$ / $u'=0.2624$ $v'=0.4961$ ($duv=-1.99e-02$)

CCT: $T_c=2852K$ Prcp WaveL: $\lambda_p=595.7nm$ Purity=31.4%

Peak WaveL: $\lambda_p=665nm$ Half Width: $\Delta\lambda=37.0nm$ Ratio: R=29.4% G=66.1% B=4.5%

Average Wave: 630nm

CLASS: OUT

Rendering Index: $R_a=71.5$ $R_a'=64.2$

R1 =66 R2 =79 R3 =96 R4 =69 R5 =64 R6 =74 R7 =84 R8 =42

PACKING INFO



Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
2pc/CTN	700*400*100mm	4.0kg	5.0kg	6.5kg