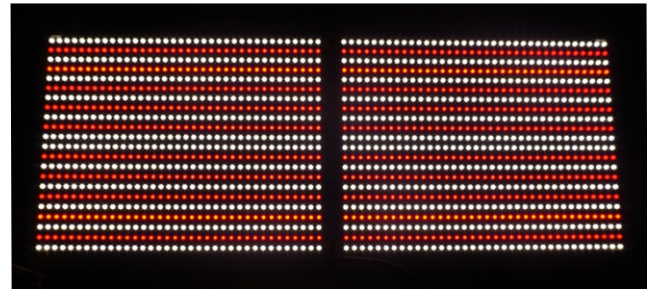


# LED PLANT GROWTH LIGHT

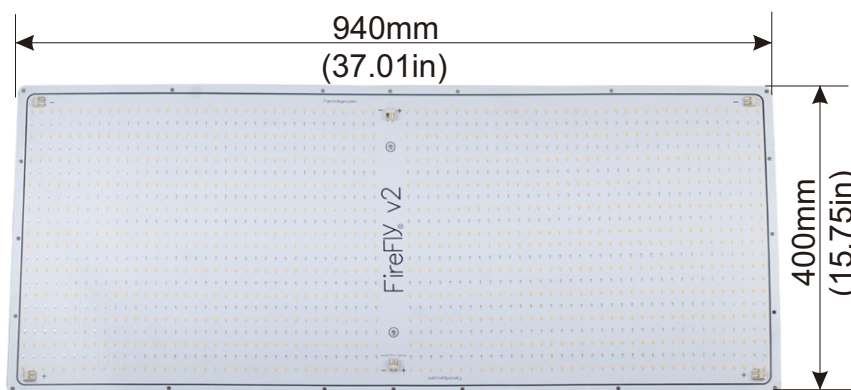


## PRODUCT DESCRIPTION

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.

## FEATURE

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	Version	Light Source	Spectrum	Voltage	Color
BB-GKD	200W	G1	2835 SMD LED	Full spectrum	BLANK-100-277VAC	White(default)
	320W				HV-200-480VAC	
	480W					
	600W					

## PERFORMANCE DATA

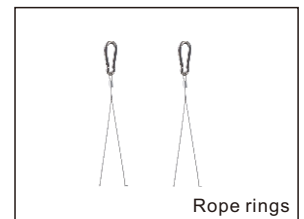
Power	200W	320W	480W	600W
Model	BB-GKD-200W-G1	BB-GKD-320W-G1	BB-GKD-480W-G1	BB-GKD-600W-G1
Replacement	HPS 600W	HPS 1000W	HPS 1500W	HPS 1800W
System Efficiency	85lm/w			
Spectrum	Full spectrum			
Mounting	Hanging Mounting			
Light Source	2835 SMD LED			
Operation Temp.	-40 to +45°C			
Life Span	50,000 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	940*400mm			
Mounting Height	16cm above canopy			
Thermal Management	Passive			
IP	65			
PF	>0.95			
Warranty	5Years			

## PROJECTS



## 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.

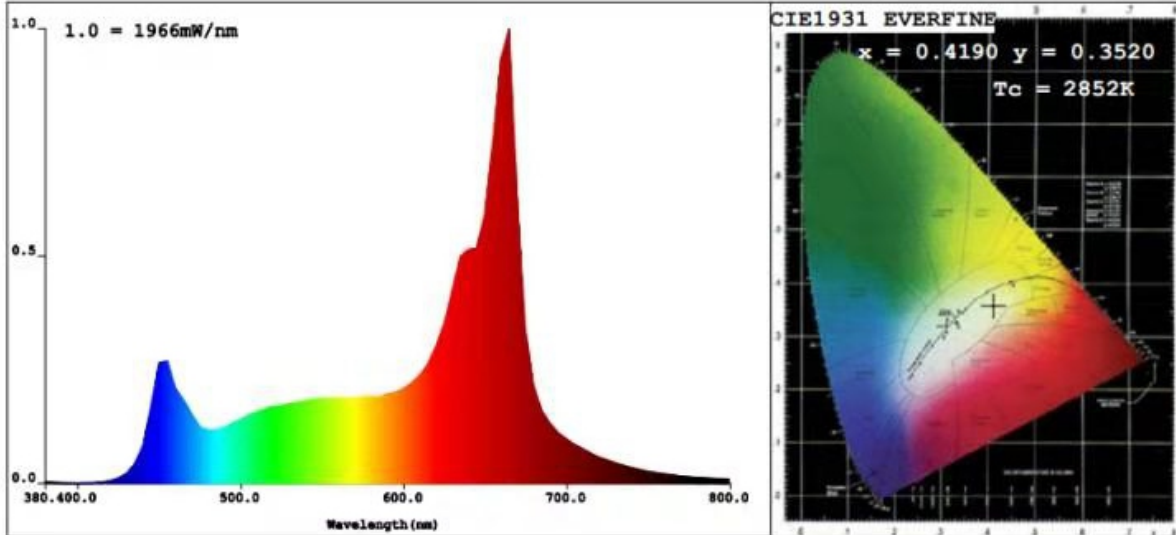


## APPLICATION

- 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
1pc/CTN	1000*110*470mm	4.0kg	5.0kg	10.0kg