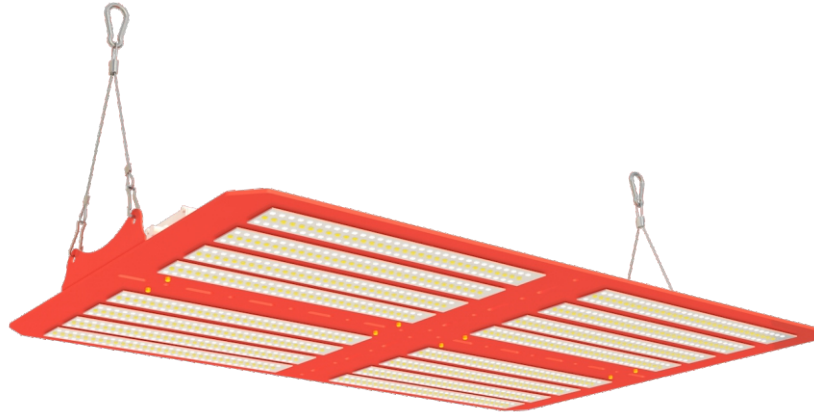


LED PLANT GROWTH LIGHT

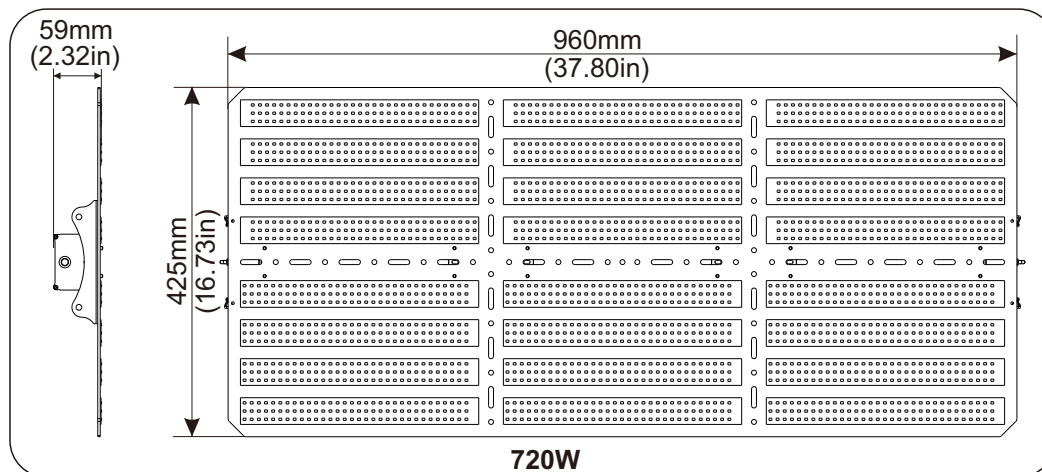
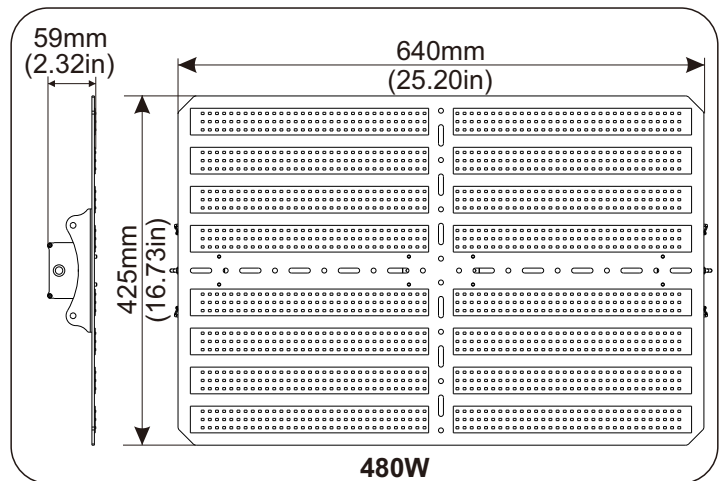
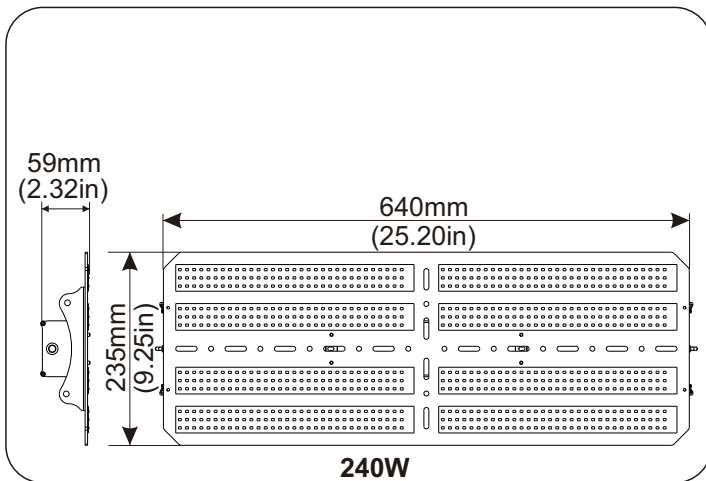


PRODUCT DESCRIPTION

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.



PERFORMANCE DATA

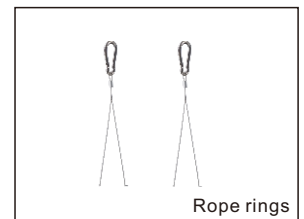
Power	240W	480W	720W
Model	BB-GKD-240W-G	BB-GKD-480W-G	BB-GKD-720W-G
Replacement	HPS 800W	HPS 1500W	HPS 2000W
System Efficiency	90lm/w		
Spectrum	Full spectrum		
Mounting	Hanging Mounting		
Light Source	2835 SMD LED		
Operation Temp.	-40 to +45°C		
Life Span	50,000 hours at 25°C		
Voltage	100-277VAC/50-60Hz	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

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.

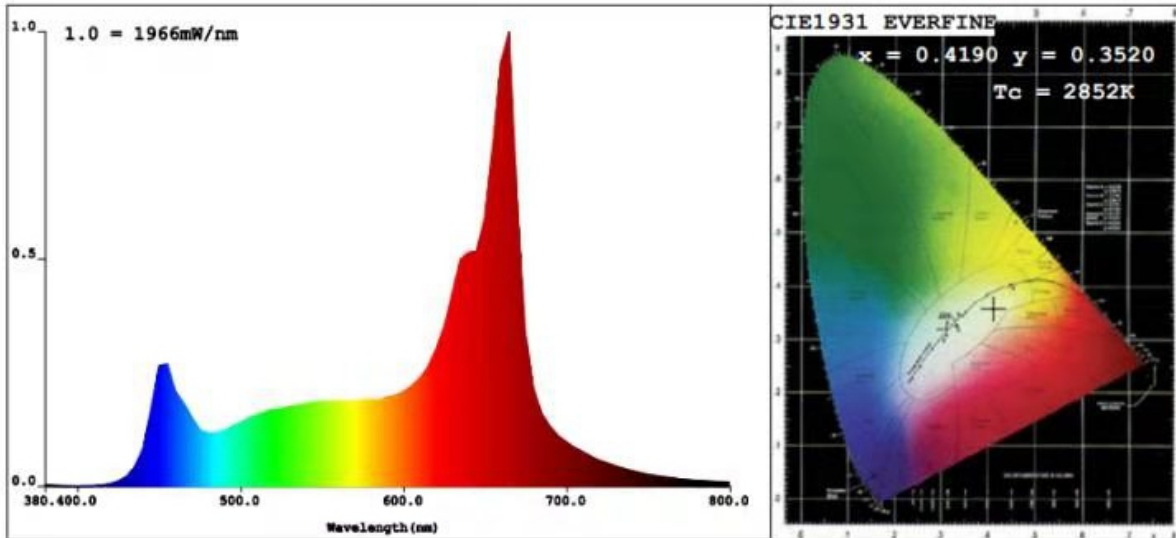


APPLICATION

- 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



Model	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
240W	1pc/CTN	700*120*300mm	4.0kg	5.0kg	5.5kg
480W	1pc/CTN	700*120*490mm	7.0kg	8.0kg	8.5kg
720W	1pc/CTN	1020*120*490mm	10.0kg	11.0kg	12.0kg