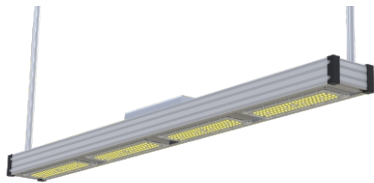
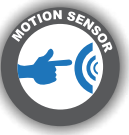
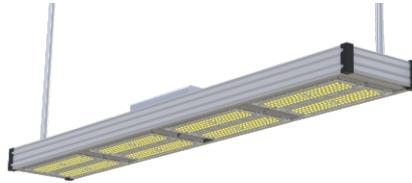


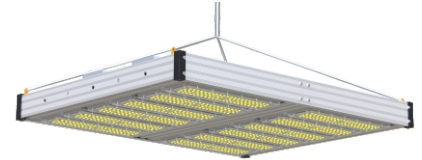
LED PLANT GROWTH LIGHT



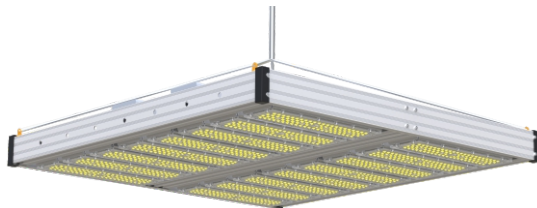
240W



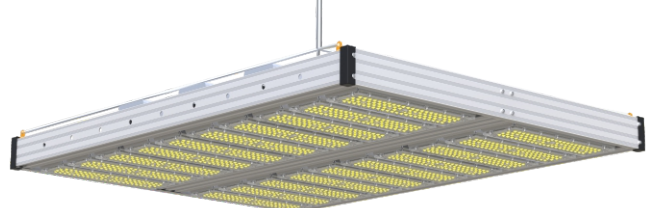
480W



720W



960W



1200W

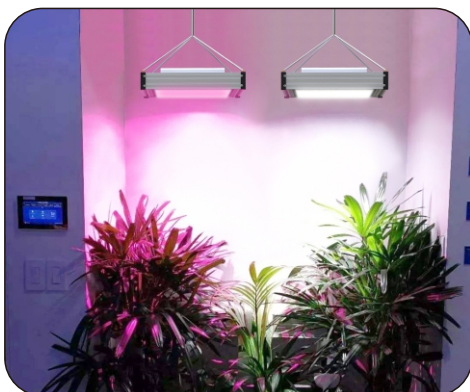
PRODUCT DESCRIPTION

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, mini garden, Hydroponic Growing, anywhere planting Flowers, Succulents, Fruits.

FEATURE

1. High efficiency white light Quantum Boards used top 3030 smd led.
2. White Light Full Spectrum for better results.
3. Hanging Mounting.

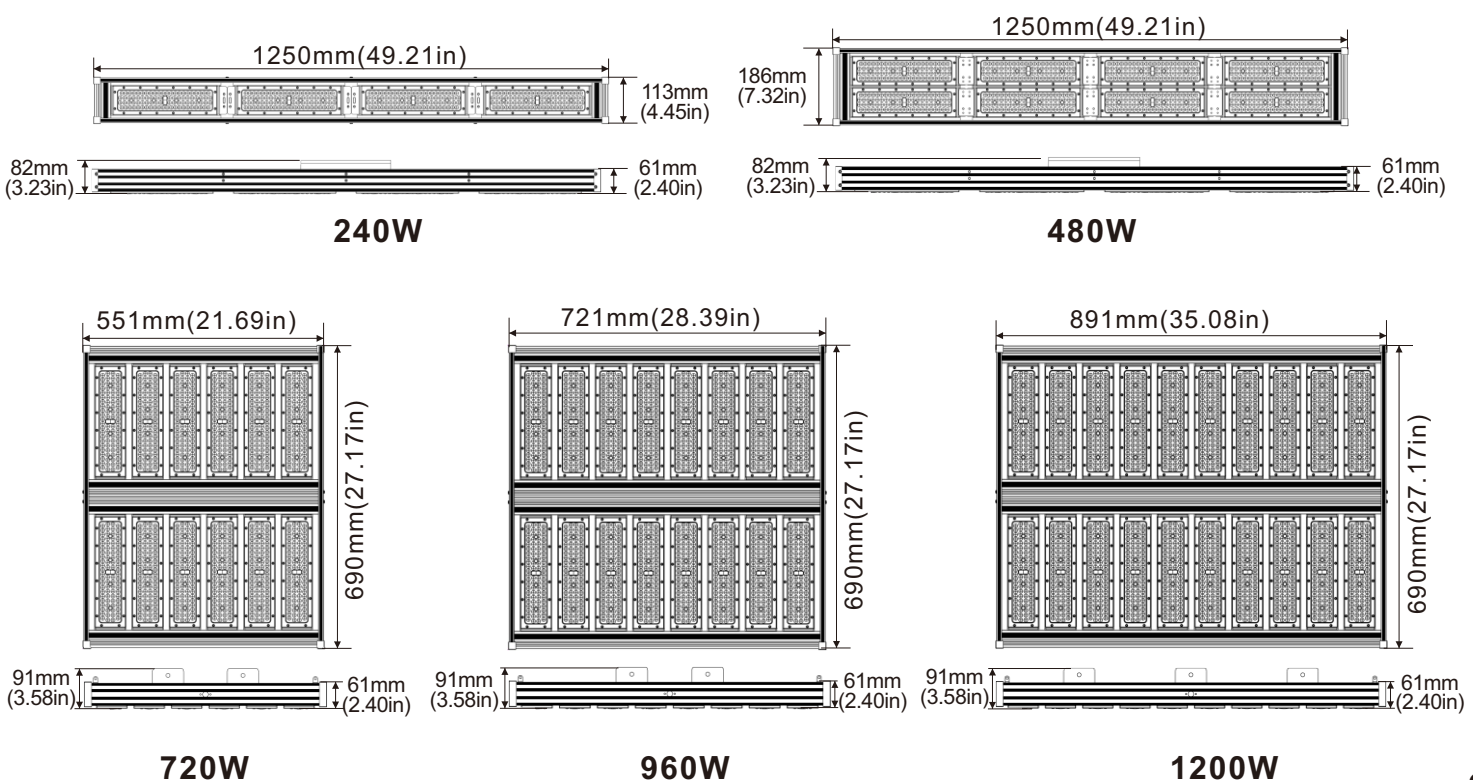
APPLICATION



PERFORMANCE DATA

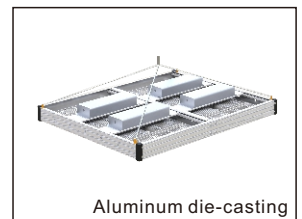
Power	240W	480W	720W	960W	1200W
Model	BB-GKD-240W-G3	BB-GKD-480W-G3	BB-GKD-720W-G3	BB-GKD-960W-G3	BB-GKD-1200W-G3
Replacement	HPS 800W	HPS 1500W	HPS 2000W	HPS 3000W	HPS 3500W
Dimensions	1250*113*82mm	1250*186*82mm	551*690*91mm	721*690*91mm	891*690*91mm
System Efficiency	90lm/w				
Spectrum	Full spectrum				
Mounting	Hanging Mounting				
Light Source	3030 SMD LED				
Operation Temp.	-40 to +45℃				
Life Span	50,000 hours at 25℃				
Voltage	100-277VAC/50-60Hz		200-480VAC/50-60Hz Available		
Driver	UL listed power supply				
Dimming	Dimmable				
Sensor	No sensor				
Surface Treatment	Al6063 surface anodizing treatment				
Material	Die-cast aluminum				
IP	65				
PF	>0.95				
Warranty	5Years				

PRODUCT DIMENSIONS



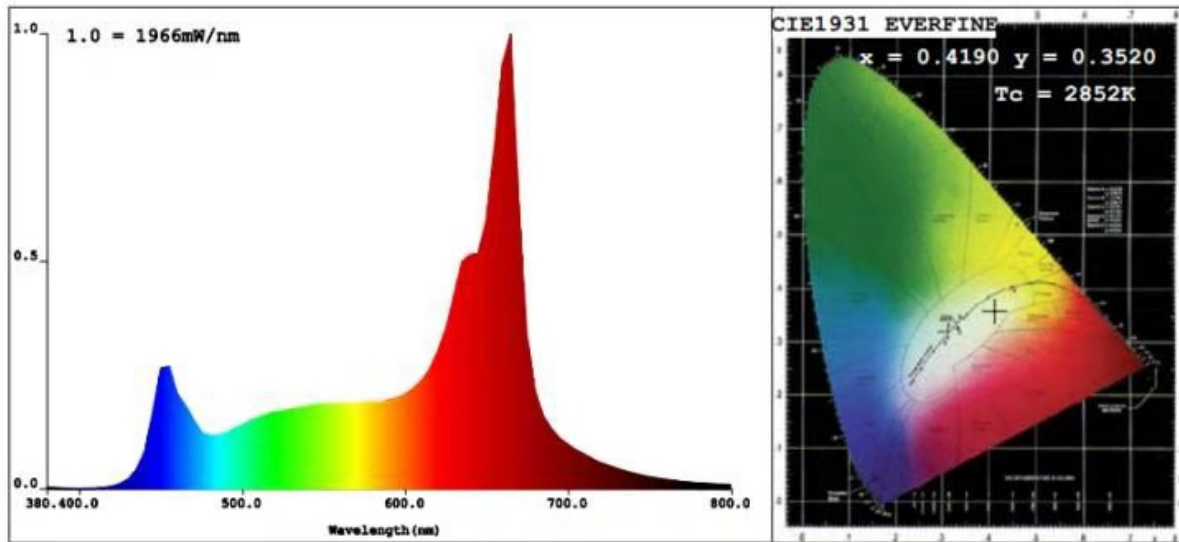
DETAILS

- 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.



Unused	LED Grow light	used
		
		
		

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	1305*170*130mm	4.0kg	5.0kg	7.5kg
480W	1pc/CTN	1305*245*130mm	7.0kg	8.0kg	11.0kg
720W	1pc/CTN	745*606*139mm	12.0kg	13.0kg	15.5kg
960W	1pc/CTN	776*745*139mm	14.5kg	15.5kg	20.0kg
1200W	1pc/CTN	946*745*139mm	18.5kg	19.5kg	24.0kg