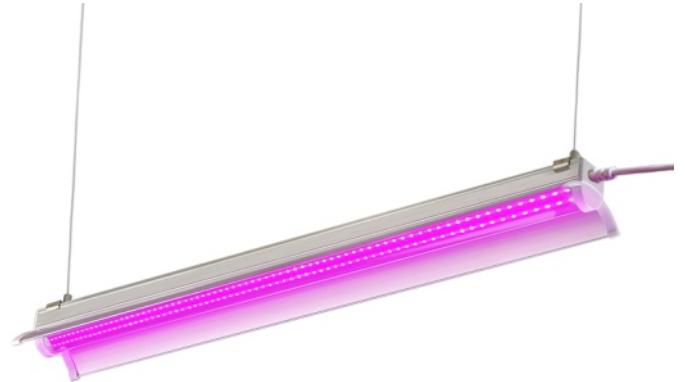


LED PLANT GROWTH LIGHT



BB-GKD-20W-G8

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



PERFORMANCE DATA

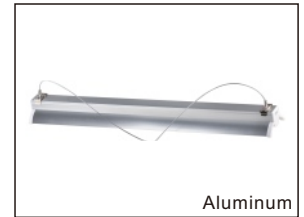
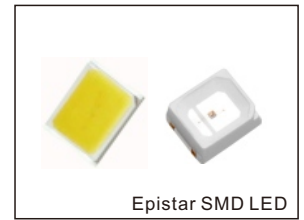
| | |
|-------------------|---|
| Power | 20W |
| Model | BB-GKD-20W-G8 |
| Replacement | HPS 75W |
| Dimensions | 600*80*45mm(23.62*3.15*1.77in) |
| System Efficiency | 90lm/w |
| Spectrum | Full spectrum |
| Mounting | Hanging Mounting |
| Light Source | 2835 SMD LED |
| Operation Temp. | -40 to +45°C |
| Life Span | 50,000 hours at 25°C |
| Voltage | 110-277VAC,50-60Hz |
| Dimming | No |
| Sensor | No sensor |
| Beam Angle | 120° |
| Material | Aluminum+PC |
| Customize | Can be spliced to form 40W, 60W, 80W,100W, 120W, 140W,160W,180W,200W. |
| IP | 40 |
| PF | >0.95 |
| Warranty | 3Years |

PROJECTS



DETAILS

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

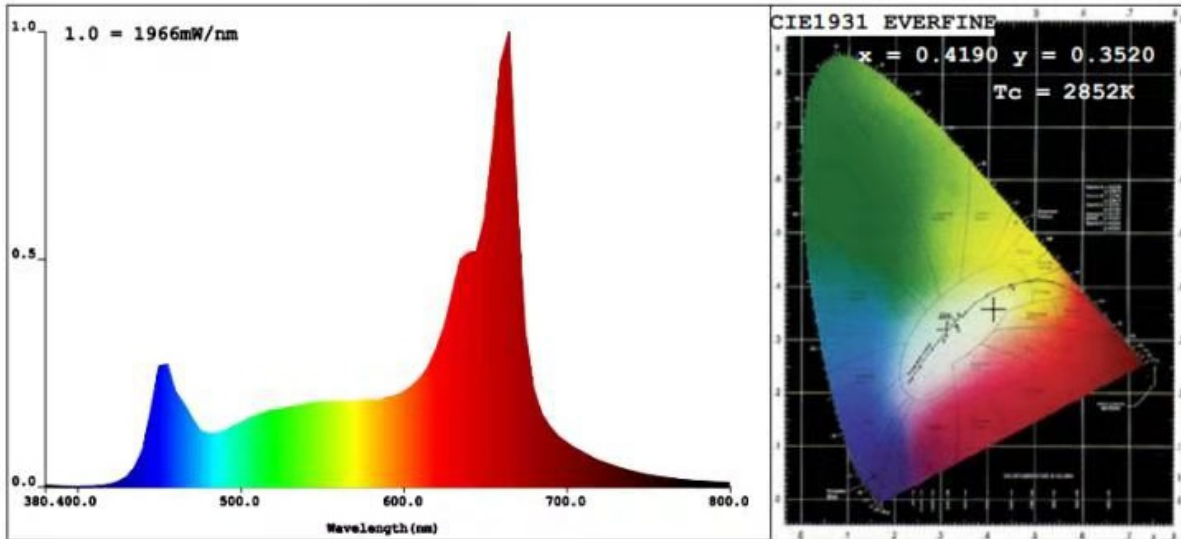


APPLICATION

- Greenhouse
- Farm
- Container Farm
- Hydroponic Growing
- Vertical Farm
- Mini Garden



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 |
|-------|-----------|----------------------------|-------|-------|---------------|
| 20W | 1pc/CTN | 100*60*600mm | 0.5kg | 1.0kg | 1.2kg |
| | 10pcs/CTN | 610*330*220mm | 6.0kg | 7.0kg | 11.0kg |