

High Brightness Horticulture SMD Chip 5000K Circuitry Design Led Grow Light

Our Product Introduction

for more products please visit us on cobledchip.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Minimum Order Quantity: 100pcs
- Price: Negotiable
- Packaging Details: Antistatic bag, boxes in carton.
- Delivery Time: 3-5 workdays
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500pcs/day

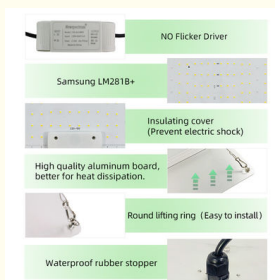


Product Specification

- Lamp Luminous Efficiency(lm/w): 120
- Ra: 80
- PPFD $\mu\text{mol}/(\text{m}^2\cdot\text{s})$: 400-700
- Lamp Luminous Flux(lm): 12000
- Warranty(Year): 2-Year
- Color Temperature(CCT): 3000K/5000K/660nm
- Highlight: High Brightness Horticulture SMD Chip, Horticulture SMD Chip 5000K, High Brightness Led Grow Light



More Images

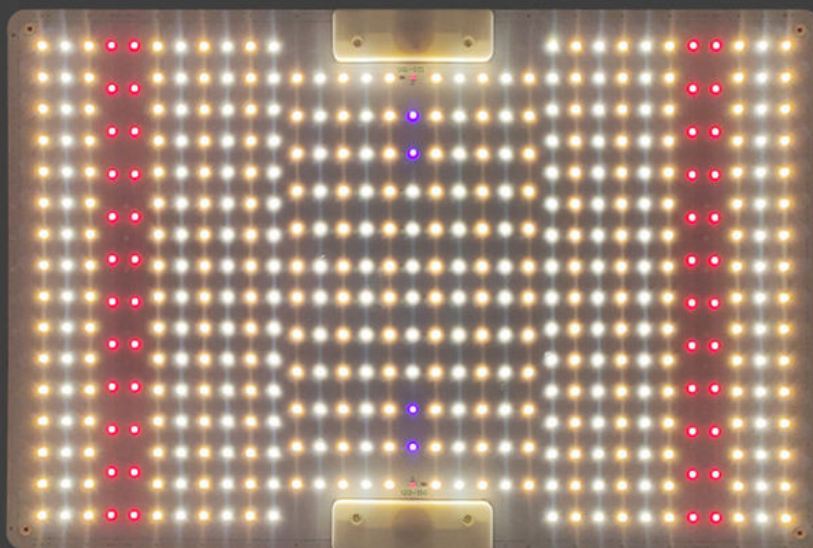


Product Description

Quantum Panel Grow Light Indoor Plant Panel High Brightness PPE 2.1-2.2 Full Spectrum Led Grow Light 100W

| | |
|-------------------------------------|--------------------------------------|
| Lamp Luminous Efficiency(lm/w): | 120 |
| Color Rendering Index(Ra): | 80 |
| Support Dimmer: | NO |
| Lighting solutions service: | Lighting and circuitry design |
| Lifespan (hours): | 50000 |
| Working Time (hours): | 50000 |
| Product Weight(kg): | 1.5 |
| Application: | Seed Starting, BLOOM, VEG |
| PPFD μ mol/(m ² ·s): | 400-700 |
| Input Voltage(V): | AC 100-265V |
| Lamp Luminous Flux(lm): | 12000 |
| Working Temperature(°C): | -25 - 80 |
| Working Lifetime(Hour): | 50000 |
| Lamp Body Material: | Aluminum |
| IP Rating: | Ip44 |
| Place of Origin: | Guangdong, China |
| Brand Name: | Newspectrum |
| Model Number: | QBD650/1000 |
| Wattage: | 65W, 100W |
| Light Source: | LED |
| Warranty(Year): | 2-Year |
| Luminous Efficacy(μ mol/J): | 2.2 |
| Product name: | 100W Grow Light Board |
| Led Brand: | Samsung Lm281B |
| Color Temperature(CCT): | 3000K/5000K/660nm |
| Power: | 65W/100W |
| Product size: | 295*295*1.5mm |
| LED Quantity: | 3000K*101pcs+5000K*98pcs+660nm*28pcs |
| PPF(\pm 5%): | 910 μ mol/s @ 30cm Height |
| Customization: | size/CCT/logo |

Product Details





Warm (3000k)
246 pcs



White (5000k)
200 pcs



Red (660nm)
48 pcs



IR (730nm)
2 pcs

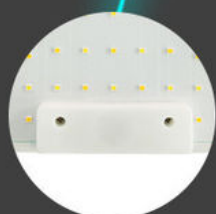


UV (395nm)
4 pcs

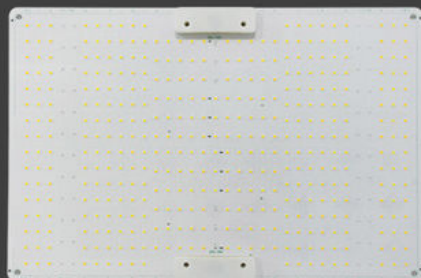
NO Flicker Driver



Samsung LM281B+



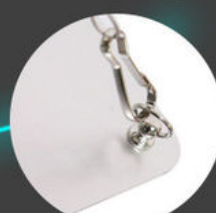
Insulating cover
(Prevent electric shock)



Waterproof rubber stopper



High quality aluminum board,
better for heat dissipation.



Round lifting ring (Easy to install)

Application

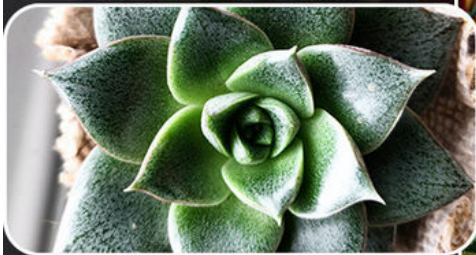
Suitable for all kinds of plants



For Vegetable



For Flowers



For Succulents

For Fruit



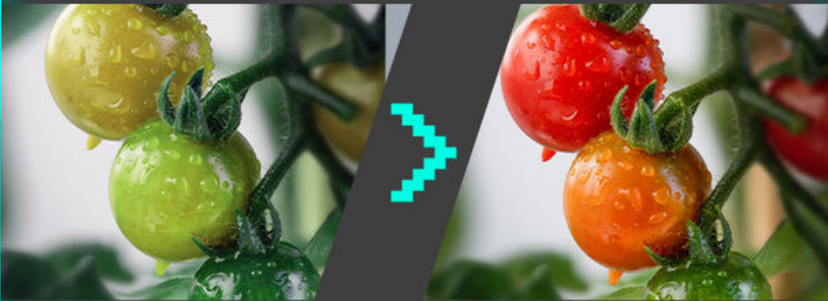
Before

After

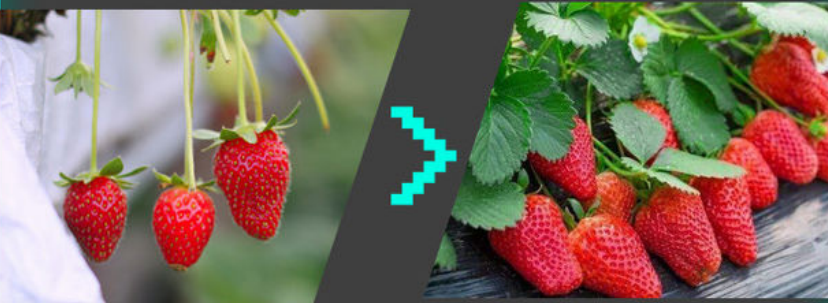
Increase Color



Promote Growth



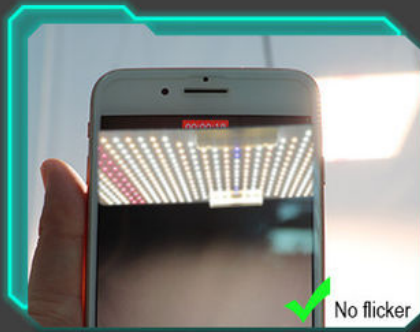
Increase Production



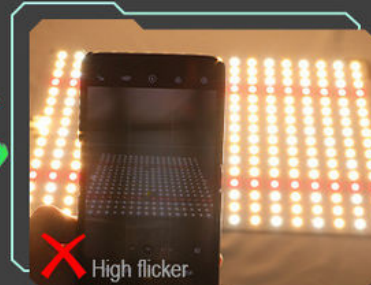
Product Comparison

Ours

Others



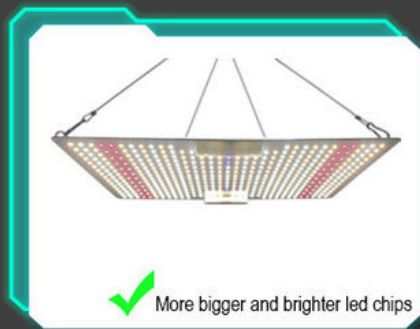
VS



VS



VS



VS

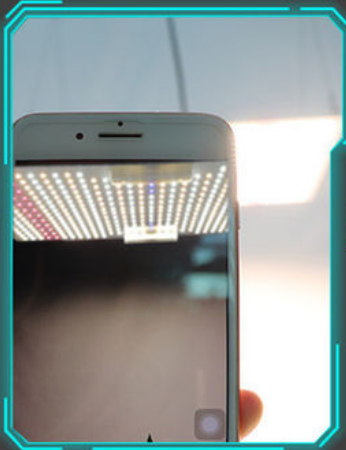


Features

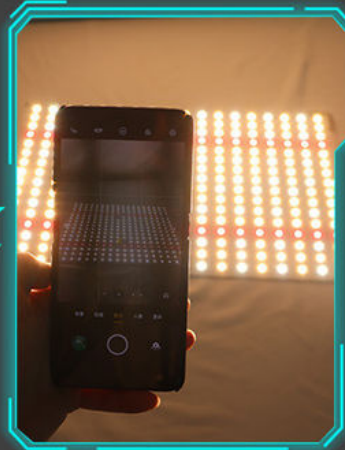


No flicker

Ours



Others



PK



1. Those led grow lights with high flicker can not supply light supplement for plants continuously and stably (PPFD value increases and decreases suddenly). This will lead to uneven growth of plants and bad flowering and fruiting effect.

2. When people exposure to the light with high flicker for a long time, it will damage their eyesight and health.



High brightness

Ours

Others

About us

SHENZHEN COLIGHTING LTD

Company Profile

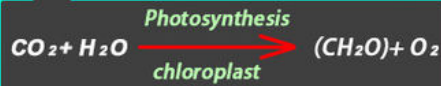
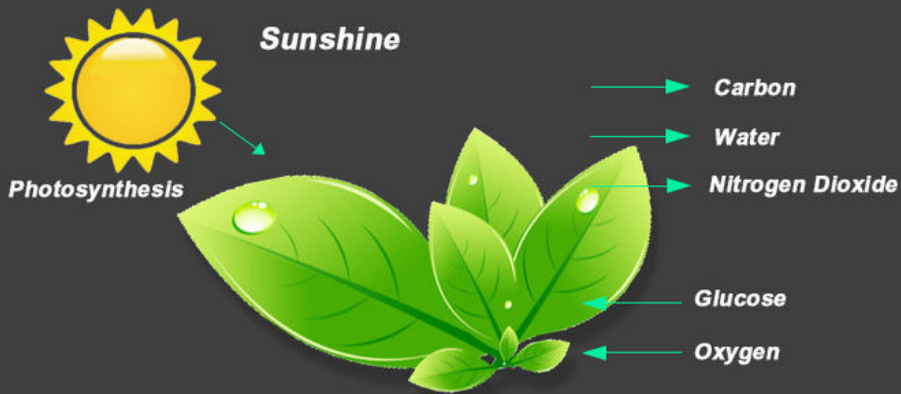
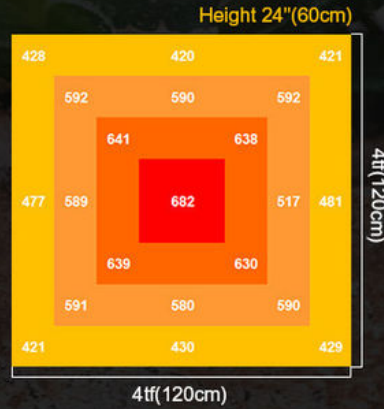
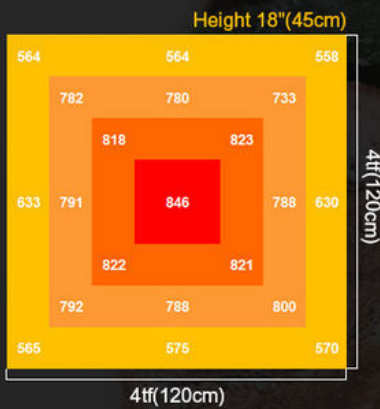
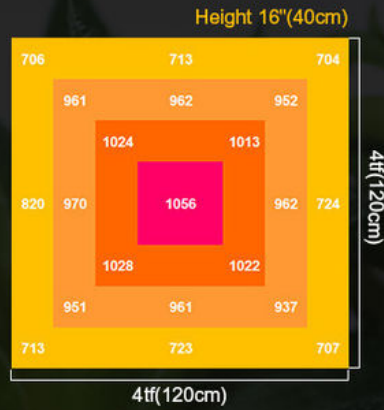
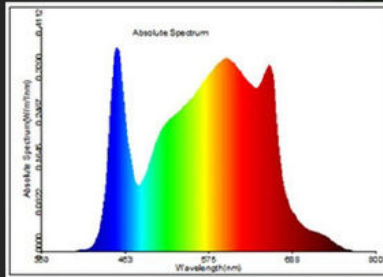
Shenzhen Colighting Ltd is a smart plant grow light manufacturer based in Shenzhen, China. We have a professional R & D team with more than 18 years experiences in LED industry. Since 2013, we have been dedicating for providing customers with optimal lighting solutions for different crop cultivation projects. We focus to develop and assemble the products of led modules, plant grow lighting, special lighting and so on. We have big volume production for advanced DOB modules with independent intellectual property rights, COB/SMD/Special led modules and plant grow light, UV light. We are following the led lighting criteria and quality management system. Our products have been exported overseas for example the United States, Canada, Britain, Italy, Russia, India, Brazil, Spain, the Middle East and other countries and regions. Our product quality have been certified by customers. In the future, we will focus on the research and development of high quality and nice price smart led lighting products and promote the healthy develop-

quality and low price smart lighting products and promote the healthy development of lighting industry.

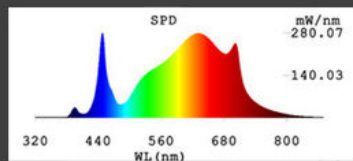


PPFD Distribution

150W SMD Board LED Grow Light
Tested in 4ft*4ft grow tent-Full on



$\text{CO}_2 + \text{H}_2\text{O}$



$(\text{CH}_2\text{O}) + \text{O}_2$

Testing:

For the same watt, San'an SMD2835 led is brighter than LM281B

>>> Customization



Different customized spectrums for different plants are available.

High PPFD, PAR and efficiency for light supplement.

Spectrum, logo, led style, packaging, etc. can be customized.

Welcome to consult!

Certificates



Package



LED SMD board*1



EU to US adapter*1



Hanger kit*1



Lifting rope x 1



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