Full Spectrum 100w Led Light Thin Quantum Board Lamp AC100V No Flicker Driver

Our Product Introduction

for more products please visit us on cobledchip.com

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: QBGROW 220-100
- 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: 100000pcs/day

Product Specification

- Model: QBGROW 220-100
- Voltage: AC100~265 (V)
- Luminous Flux: 13000lm
- Luminous Efficiency: 130lm/W
- Protection Level: IP43
- Board Size: 445 * 295 * 1.5 (mm)
- Highlight: **No Flicker Driver 100w Led Light**,
                        AC100V Full Spectrum Led Light,
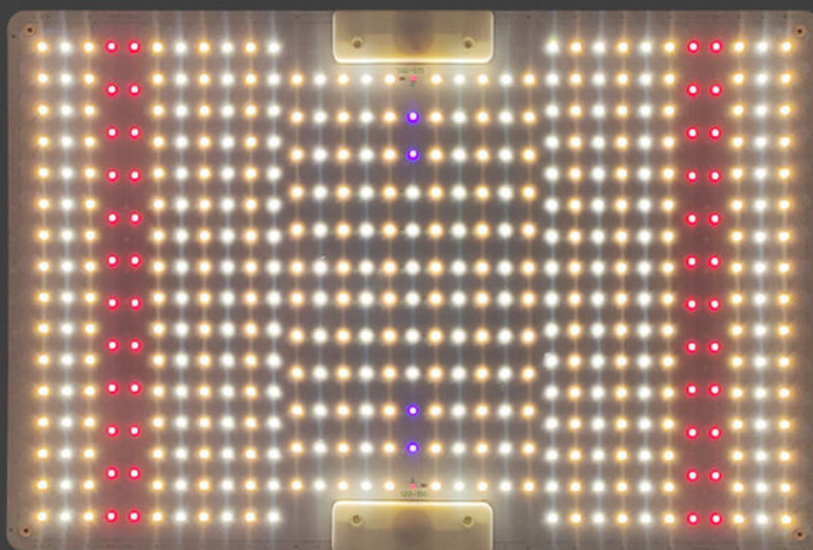   **Thin Quantum Board 100w Led Light**

More Images

LED light and thin quantum board plant growth lamp 65W 100W wide pressure indoor planting full spectrum plant lamp

Brand:New spectrum
Model:QBGROW 220-100
Input voltage:AC100~265 (V)
LED chip brand: Sanan Optoelectronics
Qty of LEDs: 462pcs
CCT:3000K+5000K+660nm+IR 730nm+UV 395nm
Luminous flux:13000 (lm)
luminous efficiency:130 (lm/W)
Power factor: >0.9
Protection level:IP43
Control mode:Switch control
Board Size:445 * 295 * 1.5 (mm)
Authentication:nothing
Lifespan:50000 (H)
Shell material:aluminium alloy
Weight:700 (g)
Power:65W, 100W ,150W

Product Details

Warm (3000k)
246 pcs

Whtie (5000k)
200 pcs
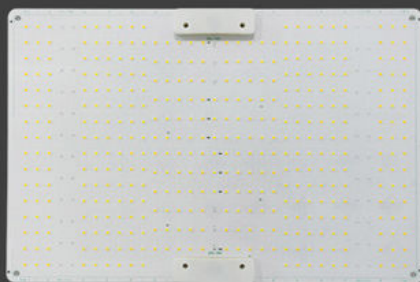
Red (660nm)
48 pcs

IR (730nm)
2 pcs

UV (395nm)
4 pcs

NO Flicker Driver

Samsung LM281B+

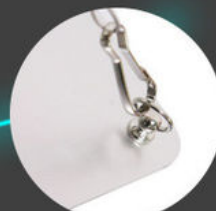Insulating cover
(Prevent electric shock)

Waterproof rubber stopper

High quality aluminum board,
better for heat dissipation.
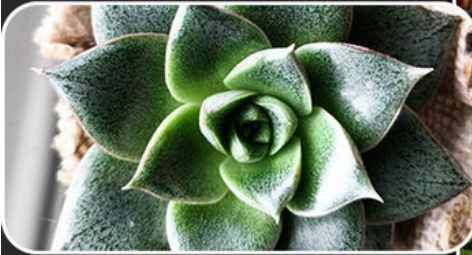
Round lifting ring （Easy to install）

Application

Suitable for all kinds of plants

>>> For Vegetable

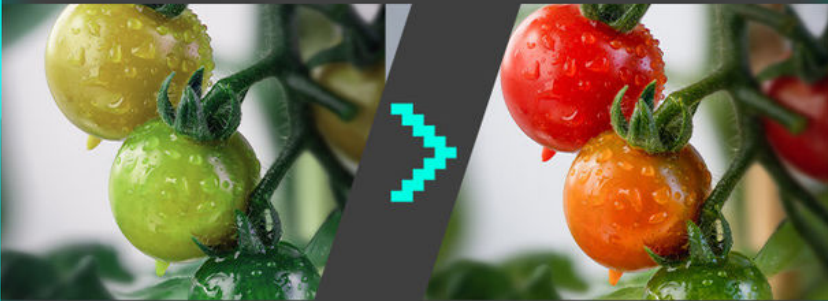For Flowers <<<

>>> For Succulents

For Fruit <<<
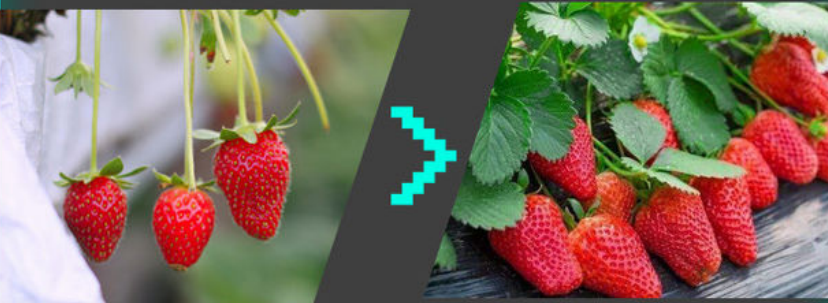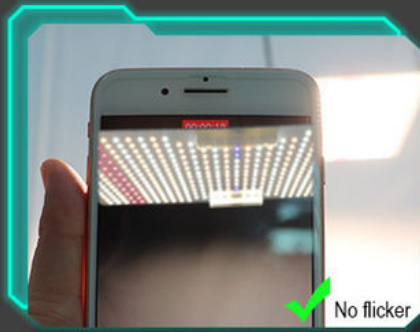
Before **After**
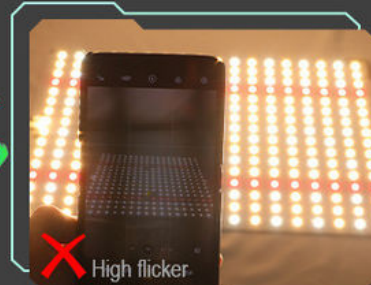
Increase Color

Promote Growth

Increase Production

Product Comparison

Ours

Others

✓ No flicker   ✗ High flicker

✓ Round lifting ring
Easy to install   ✗ No Round lifting ring

✓ Insulating cover
Prevent electric shock   ✗ No protection

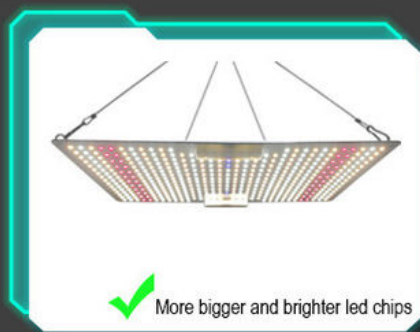✓ More bigger and brighter led chips   ✗ Dark

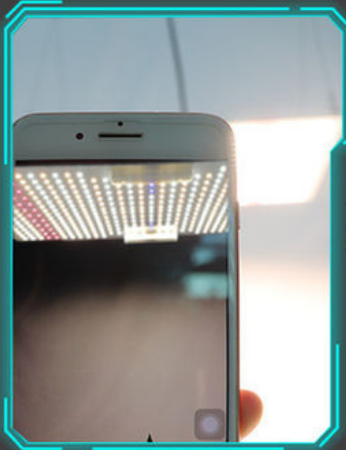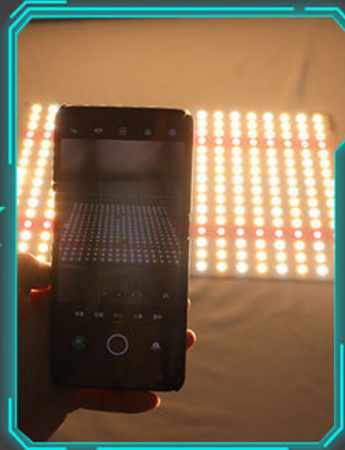# Features

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
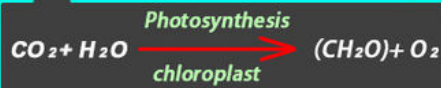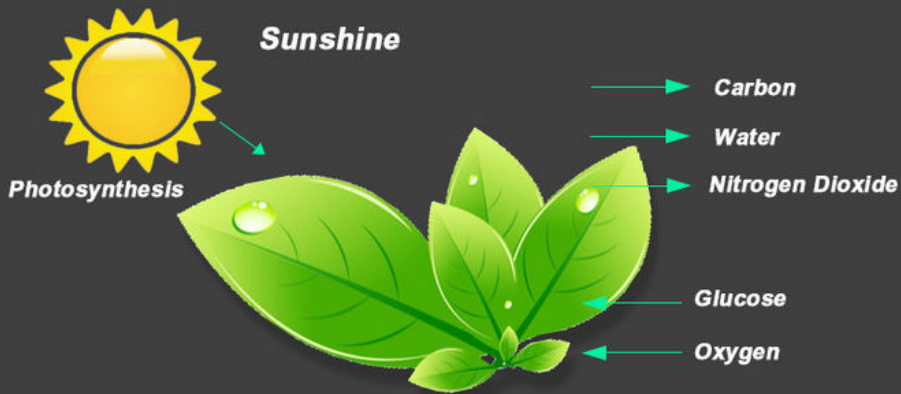
About us

SHENZHEN COLIGHTING LTD
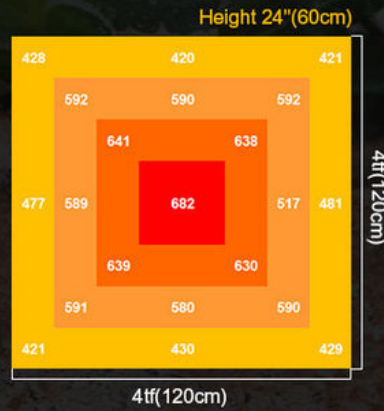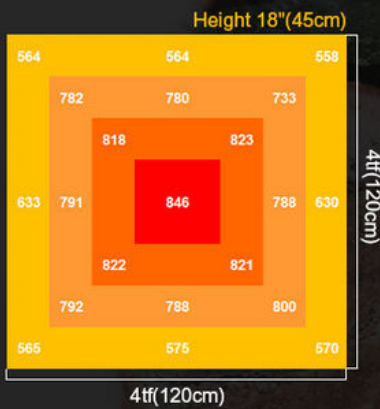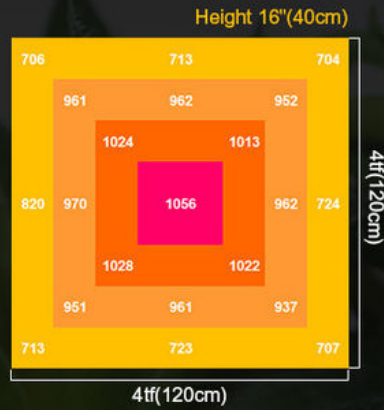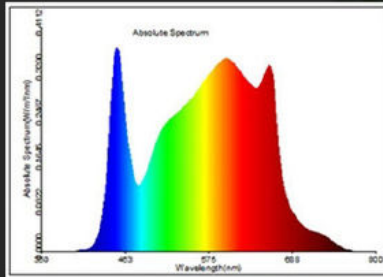
Company Profile

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 nice price smart led lighting products and promote the healthy development of lighting industry.
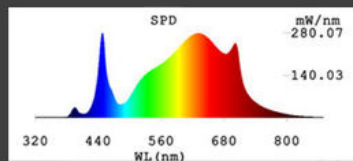
PPFD Distribution

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

Absolute Spectrum

Height 16"(40cm)

706	713	704
961	962	952
	1024 1013	
820 970	1056	962 724
	1028 1022	
951	961	937
713	723	707

4tf(120cm) × 4tf(120cm)

Height 18"(45cm)

564	564	558
782	780	733
	818 823	
633 791	846	788 630
	822 821	
792	788	800
565	575	570

4tf(120cm) × 4tf(120cm)

Height 24"(60cm)

428	420	421
592	590	592
	641 638	
477 589	682	517 481
	639 630	
591	580	590
421	430	429

4tf(120cm) × 4tf(120cm)

Sunshine

Photosynthesis

- Carbon
- Water
- Nitrogen Dioxide
- Glucose
- Oxygen

$$CO_2 + H_2O \xrightarrow[\text{chloroplast}]{\text{Photosynthesis}} (CH_2O) + O_2$$

SPD mW/nm 280.07   140.03

$CO_2 + H_2O$ $(CH_2O) + O_2$

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!

Hanging Suggestion

20-24inches

16-20inches

12-16inches

Hang at 20-24 inches
12hrs On / 12hrs Off

Hang at 16-20 inches
18hrs On / 6hrs Off

Hang at 12-16 inches
12hrs On / 12hrs Off

Growth stage   **Flowering stage**   **Fruiting stage**
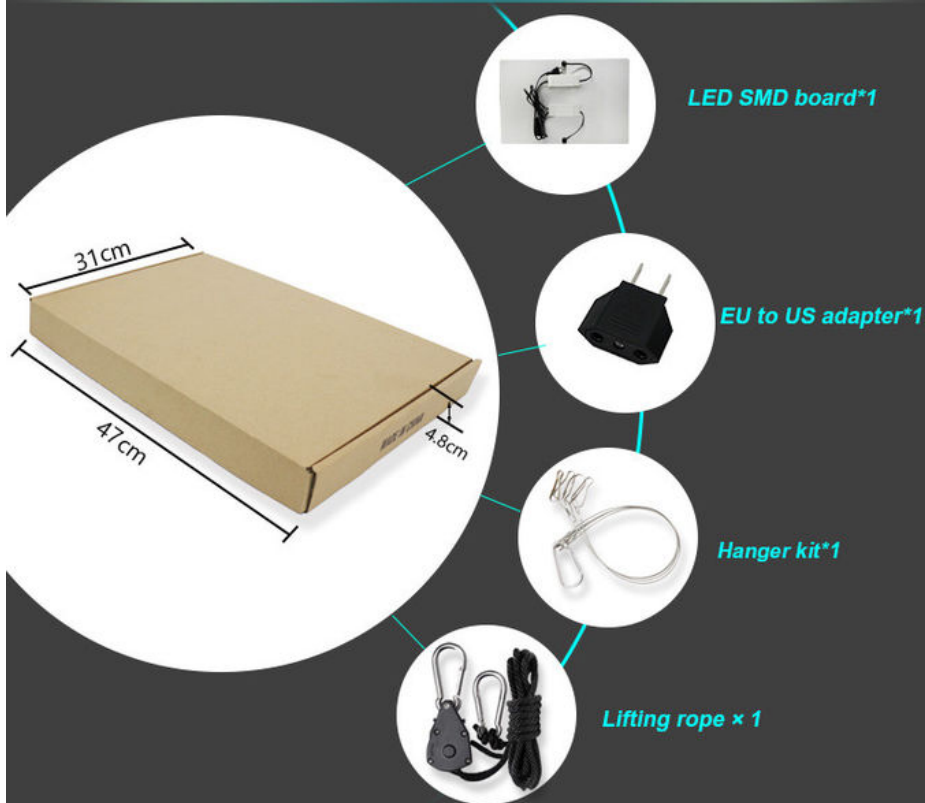
Certificates

Package

LED SMD board*1

EU to US adapter*1

Hanger kit*1

Lifting rope × 1

31cm

47cm

4.8cm