

AC 220V Horticulture SMD Chip Full Spectrum Grow Lamp For Indoor Plant

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

- Input Voltage(V): AC 220V
- Lamp Luminous Efficiency: 130lm/w
- Warranty: 2-years
- Size: 295 * 295 * 1.6mm
- PPF(±5%): 1056umol/s @ 30cm Height
- Product Name: LED Grow Light Board
- Highlight: AC 220V Horticulture SMD Chip, AC 220V Full Spectrum Grow Lamp, Indoor Plant Horticulture SMD Chip



More Images



Product Description

Newspectrum Dimmable Switch Full Spectrum Grow Lamp for Indoor Plant Greenhouse Veg Bloom Grow Light

Lamp Luminous Efficiency(lm/w):	130
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):	0.9
Application:	Seed Starting, BLOOM, VEG, Indoor Garden Greenho...
Input Voltage(V):	AC 220V(± 10%)
Lamp Luminous Flux(lm):	10000
Working Temperature(°C):	-25 - 65
Working Lifetime(Hour):	50000
Lamp Body Material:	Aluminum
IP Rating:	Ip44
Place of Origin:	Guangdong, China
Brand Name:	newspectrum
Model Number:	QBD650/1000
Wattage:	100W, 150
Light Source:	LED
Warranty(Year):	2-Year
Luminous Efficacy(μmol/J):	2.3
Product name:	LED Grow Light Board
PPF(±5%):	1056umol/s @ 30cm Height
Product size:	295*295*1.6mm

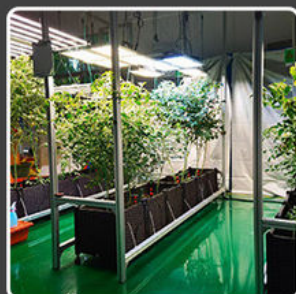
About us

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 development of lighting industry.





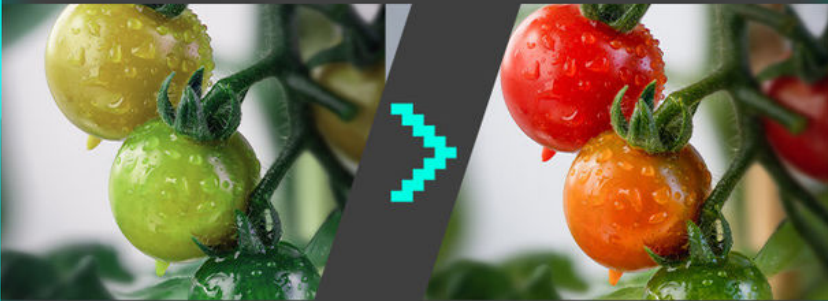
Before

After

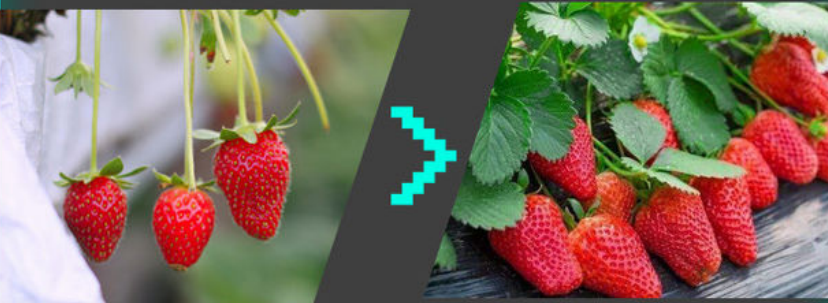
Increase Color



Promote Growth



Increase Production



Application

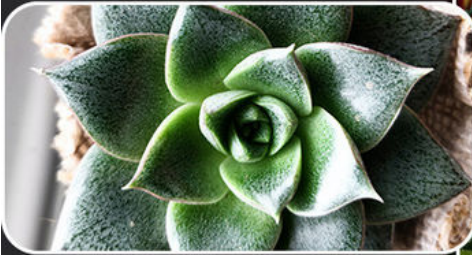
Suitable for all kinds of plants



For Vegetable



For Flowers



For Succulents

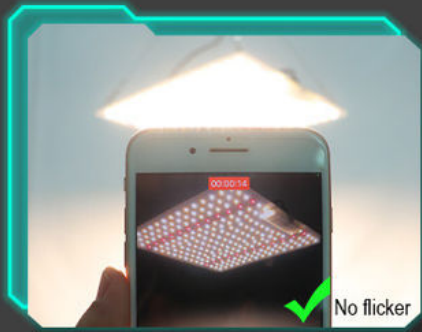
For Fruit



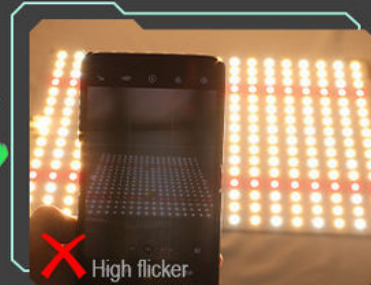
Product Comparison



Others



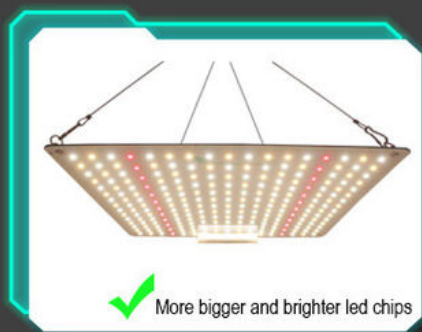
VS



VS



VS



VS

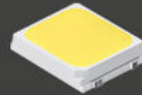


Testing:

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



SMD2835



LM281B

PPF(400-500) (umol/s): 0.2143
PPF(600-700) (umol/s): 0.2651
PPE (umol/s/W): 2.038
Op,uv(umol/s): 0.003233

$y = 0.3533$ $u' = 0.2095$ $v' = 0.4852$
Dominant WL: $\lambda_d = 569.8\text{nm}$
Ratio: R:G:B=15.2:80.8:4.0

81.2 R5 = 79.7
0.0 R10 = 61.8
4 = 93.4 R15 = 72.4
P = 0.4527 W PF = 1.000 Eff = 147.8 lm/W
FWHM = 19.2nm
Status: Integral T = 56 ms

SMD2835
PPE: 2.0 Eff: 147.8

Number: 5000K-1735-2835 方杯-1.25
Date: 2021-11-15 13:48
Humidity: 65.0%
Remarks: ---

PK

PPF(400-500) (umol/s): 0.2057
PPF(600-700) (umol/s): 0.2712
PPE (umol/s/W): 2.019
Op,uv(umol/s): 0.003433

$y = 0.3541$ $u' = 0.2112$ $v' = 0.4860$
Dominant WL: $\lambda_d = 572.3\text{nm}$
Ratio: R:G:B=16.1:79.3:4.6

83.7 R5 = 83.1
15.3 R10 = 75.2
4 = 96.9 R15 = 76.1
P = 0.4398 W PF = 1.000 Eff = 143.3 lm/W
FWHM = 21.2nm
Status: Integral T = 52 ms

LM281 B
PPE: 2.0 Eff: 143.3

Number: 三星LM281B--5000K
Date: 2021-09-23 08:46
Humidity: 65.0%
Remarks: ---

>>> 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!

Product Details



Warm white (3000k)
106 pcs

Boosts plants bloom, making flowers bigger and more vivid.



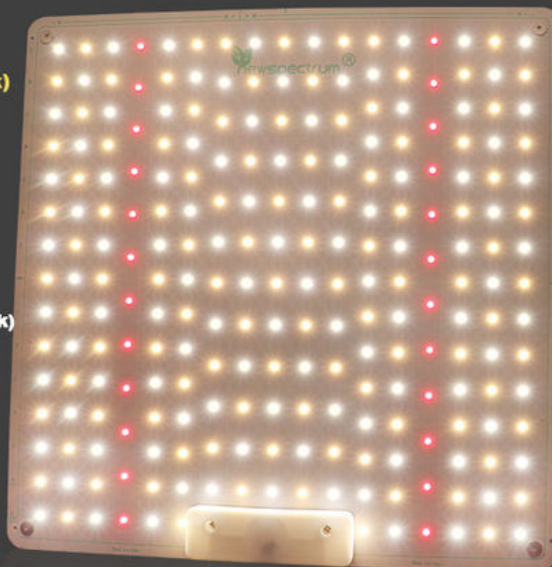
Neutral White (5000k)
104 pcs

Promotes plants germination increasing the growth rate of plants.



Red 660nm
24 pcs

Yields more leaves and crops when combined with white light.



NO Flicker Driver



High efficacy led chip SMD2835



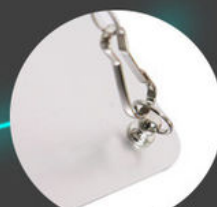
*Insulating cover
(Prevent electric shock)*



Waterproof rubber stopper



*High quality aluminum board,
better for heat dissipation.*



Round lifting ring (Easy to install)



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