

Full Spectrum 150W Horticulture SMD Chip LED Grow Lights For Indoor Plants

Our Product Introduction

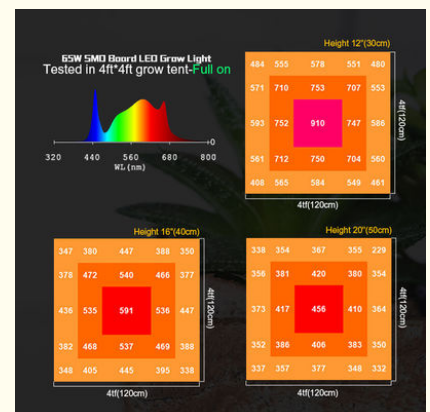
Basic Information

- 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

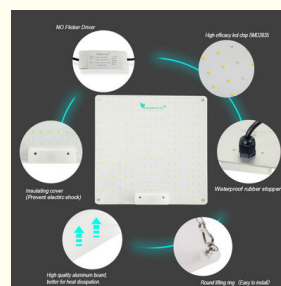
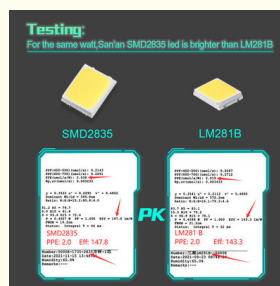


Product Specification

- Voltage: 220V
- Luminous Efficacy: 2.3μmol/J
- Size (mm) : 445 * 295 * 2
- Wattage: 65W, 100W, 150W
- Weight (kg) : 0.9
- IP Rating: Ip44
- Highlight: 150W Horticulture SMD Chip, Full Spectrum Horticulture SMD Chip, 150W LED Grow Lights



More Images



Product Description

LED Grow Lights for Indoor Plants Full Spectrum 150W plant Lamp Chip grow panel UV IR grow Light

Working Lifetime(Hour):	50000
Lamp Body Material:	Aluminum
IP Rating:	Ip44
Place of Origin:	Guangdong, China
Brand Name:	newspectrum
Model Number:	QBD150/1000
Wattage:	100W, 150, 65W
Light Source:	LED
Warranty(Year):	2-Year
Luminous Efficacy($\mu\text{mol/J}$):	2.3
Product name:	LED Grow Light Board
PPF($\pm 5\%$):	1056 $\mu\text{mol/s}$ @ 30cm Height
Product size:	445 x 295 x 2 mm

Product Details



Warm white (3000k)
106 pcs

Boosts plants bloom, making flowers bigger and more vivid.



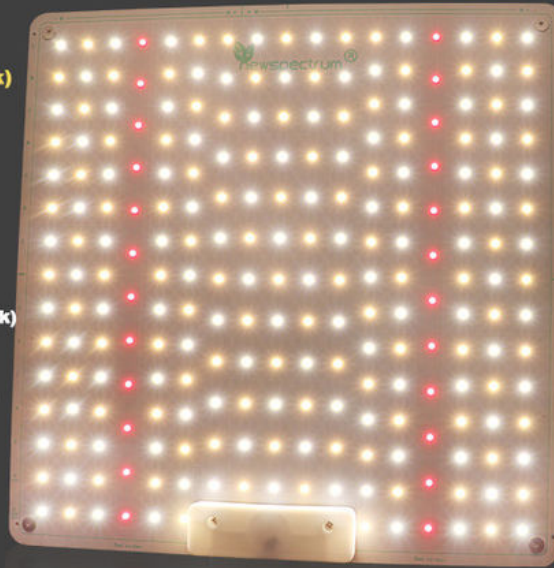
Neutral White (5000k)
104 pcs

Promotes plants germination increasing the growth rate of plants.



Red 660nm
24 pcs

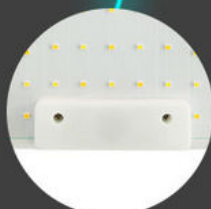
Yields more leaves and crops when combined with white light.



NO Flicker Driver



High efficacy led chip SMD2835



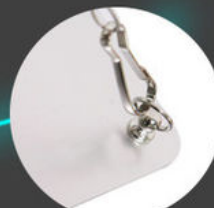
*Insulating cover
(Prevent electric shock)*



Waterproof rubber stopper



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



Round lifting ring (Easy to install)

Features

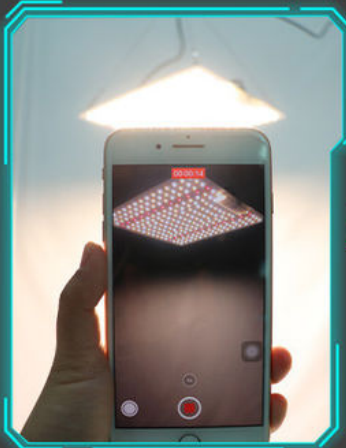


No flicker

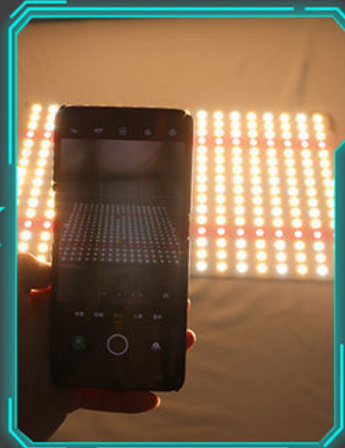


newspectrum®

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

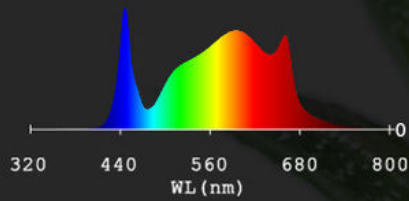


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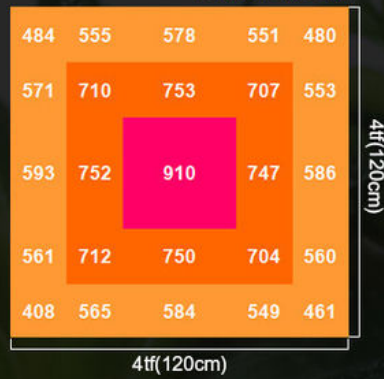
Others

PPFD Distribution

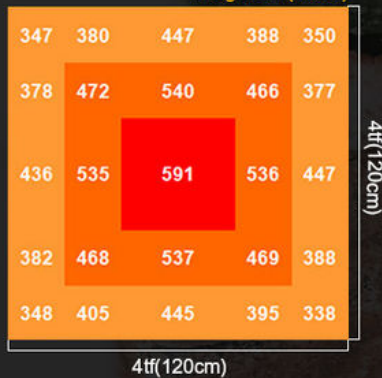
65W SMD Board LED Grow Light
Tested in 4ft*4ft grow tent-Full on



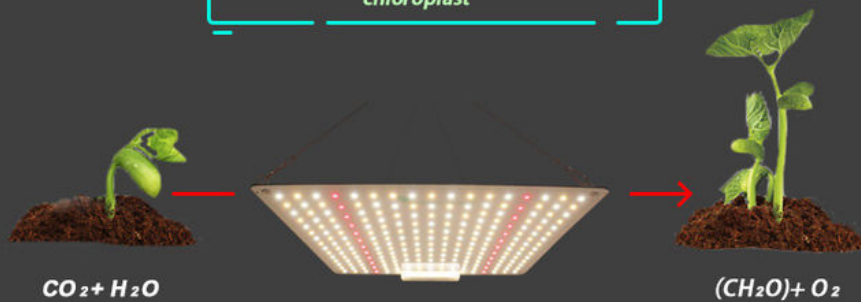
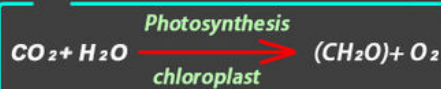
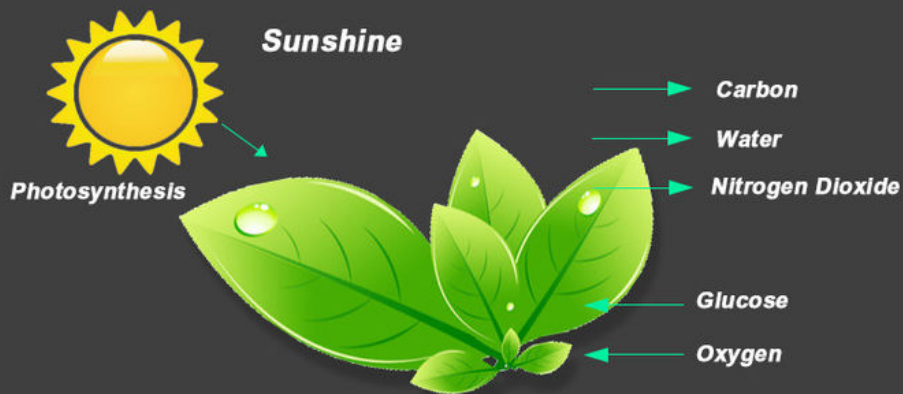
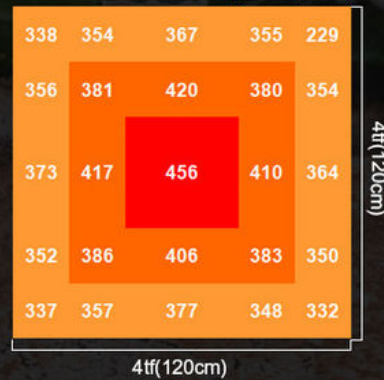
Height 12"(30cm)



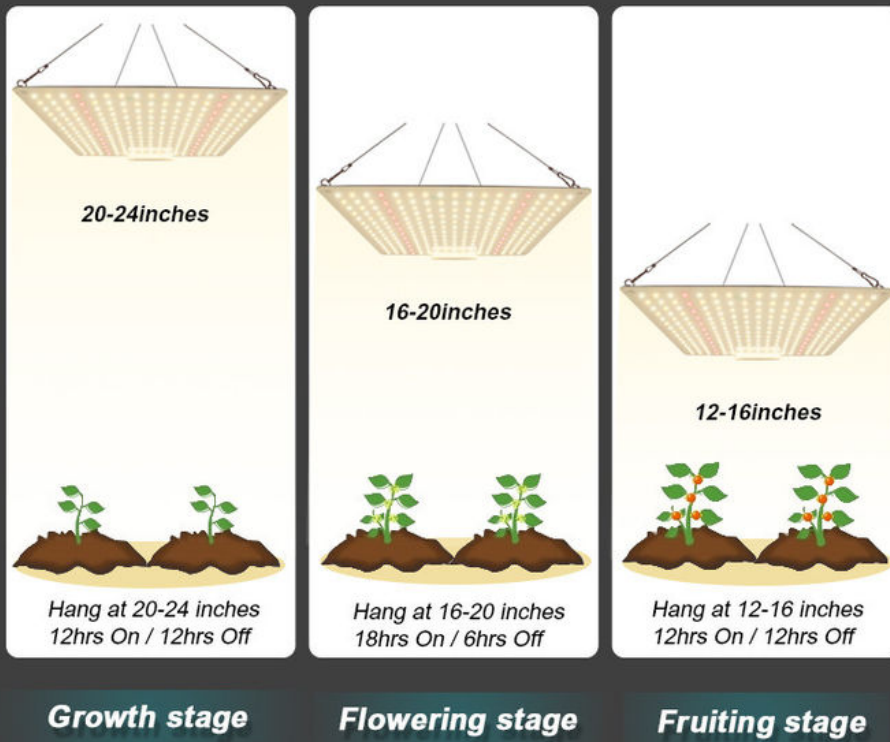
Height 16"(40cm)



Height 20"(50cm)



Hanging Suggestion



Package



Certificates



Testing:

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



SMD2835



LM281B

$PFF(400-500) (\mu\text{mol/s}): 0.2143$
 $PFF(600-700) (\mu\text{mol/s}): 0.2651$
 $PFE(\mu\text{mol/s/W}): 2.038$
 $Op,uv(\mu\text{mol/s}): 0.003233$

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

$81.2 \quad R5 = 79.7$
 $0.0 \quad R10 = 61.8$
 $4 = 93.4 \quad R15 = 72.4$
 $P = 0.4527 \text{ W} \quad PF = 1.000 \quad Eff = 147.8 \text{ lm/W}$
 $FWM = 19.2\text{nm}$
 Status: Integral T = 56 ms

SMD2835
PPE: 2.0 Eff: 147.8

Number: 5000K-1735-2835 方杯-1芯
 Date: 2021-11-15 13:48:52
 Humidity: 65.0%
 Remarks: ---

PK

$PFF(400-500) (\mu\text{mol/s}): 0.2057$
 $PFF(600-700) (\mu\text{mol/s}): 0.2712$
 $PFE(\mu\text{mol/s/W}): 2.019$
 $Op,uv(\mu\text{mol/s}): 0.003433$

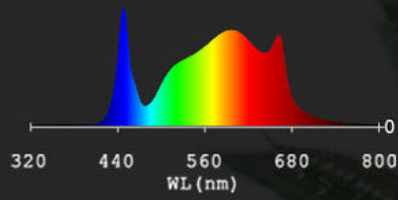
$y = 0.3541 \quad u' = 0.2112 \quad v' = 0.4860$
 Dominant WL: $\lambda_d = 572.3\text{nm}$
 Ratio: R:G:B=16.1:79.3:4.6

$83.7 \quad R5 = 83.1$
 $15.3 \quad R10 = 75.2$
 $4 = 96.9 \quad R15 = 78.1$
 $P = 0.4398 \text{ W} \quad PF = 1.000 \quad Eff = 143.3 \text{ lm/W}$
 $FWM = 21.2\text{nm}$
 Status: Integral T = 52 ms

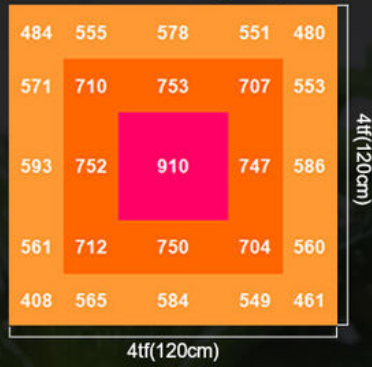
LM281 B
PPE: 2.0 Eff: 143.3

Number: 三原LM281B--5000K
 Date: 2021-09-23 08:46:00
 Humidity: 65.0%
 Remarks: ---

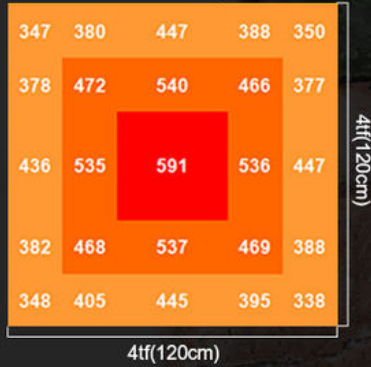
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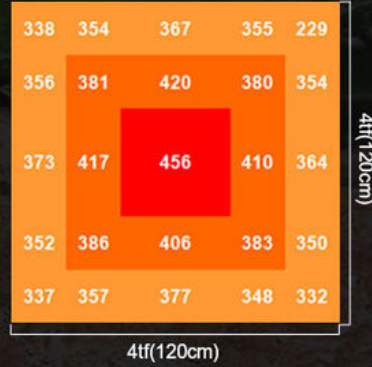
Height 12"(30cm)



Height 16"(40cm)



Height 20"(50cm)



NO Flicker Driver



High efficacy led chip SMD2835



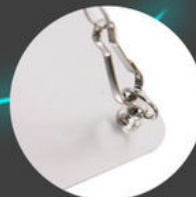
Insulating cover
(Prevent electric shock)



Waterproof rubber stopper



High quality aluminum board,
better for heat dissipation.



Round lifting ring (Easy to install)



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