

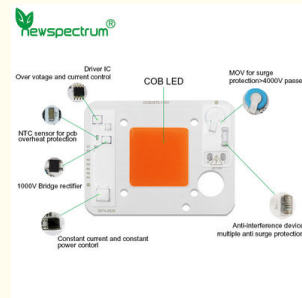
AC110V 50W LED Chip Pink ODM LED Module COB With Driver On Board

Our Product Introduction

for more products please visit us on cobledchip.com

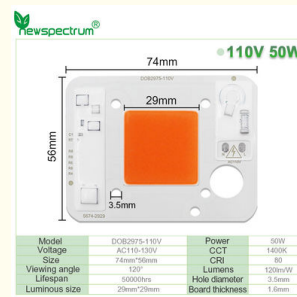
Basic Information

- Place of Origin: Shenzhen
- Brand Name: newspectrum
- Model Number: COB-2975
- Minimum Order Quantity: 100pcs
- Price: Negotiable
- Packaging Details: Antistatic bag, boxes in carton.
- Delivery Time: 1-3 workdays
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100000pcs/day

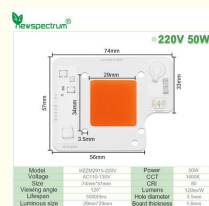


Product Specification

- Voltage: AC110V-130V/220-240V
- Luminous Size: 29mm*29mm
- Board Size: 57*74mm
- Source Life: >50,000 Hours
- Working Temperature: -20°C~60°C
- Customized: Please Contact Us
- Highlight: ODM 50W LED Chip, ODM LED Module COB, AC110V LED Module COB



More Images



Product Description

Unique AC110V 220V pink AC COB LED Module with Driver on Board DOB Module Sp Unique AC110V 220V Pink AC COB LED Module With Driver On Board DOB Module Spotlight Downlight LED COB 50W Spotlight Downlight LED COB 50W

Parameter:

- Voltage: AC110V-130V/220-240V (different voltage, different shape)
- Power: 50W
- Luminous size: our: 29*29 mm, other: 25*25 mm
- Number of Chip: our: 144pcs, other: 72pcs
- Chip Size: our: 15*30 mils, other: 10*21 mils
- Housing Material: Aluminum
- Luminous Flux: 120lm/W
- CRI: 80
- Board Size: 57 mm*74 mm
- Source Life: >50,000 hours
- Working Temperature: -20°C~60°C
- Customized: Please contact us

Why Choose Newspectrum?

- We are a manufacturer, focusing on AC COB 10 years
- High quality control standards, quality assurance
- over 10 years OEM + ODM experience
- Custom products based on customers' needs
- Reliable, consistent and timely service

Our Product Introduction

- ⑥: Voltage-regulator for ic vdd protection
- ⑦: Driver IC, over voltage and over current control
- ⑧: NTC sensor for pcb overheat protection
- ⑨: MOV for surge protection>4000V passed
- ⑩: 1000V Bridge rectifier

Product Description

Features

- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long life
- ②: High brightness, our LED chips are bigger than others
- ③: Smart IC Fit NO Driver
- ④: Constant current and constant power control
- ⑤: NTC sensor for PCB overheat protection
- ⑥: Voltage-regulator for IC VDD protection
- ⑦: Driver IC, over voltage and over current control
- ⑧: It can use LED dimmer or SCR dimmer to dimming it
- ⑨: MOV for surge protection>4000V passed ⑩:1000V Bridge rectifier

Specification

Power	30W	50W
Voltage	Dual voltage AC 95-265V	Dual voltage AC 95-265V
Color	white/pink/others	white/pink/others
CRI (Ra)	80	80
CCT	3000-6500K	3000-6500K
Luminous Flux	120 lm/W	120 lm/W
Board Size	57 mm*75 mm	57 mm*75 mm
Luminous Size	29 mm*29 mm	29 mm*29 mm
Board thickness	1.6 mm	1.6 mm
Working Temperatur	-20°C~60°C	
Customized	Color/Brightness/Logo/Others	
Application	Spotlights/Grow light/Foold light	

Specification

Are you still worrying these problem?

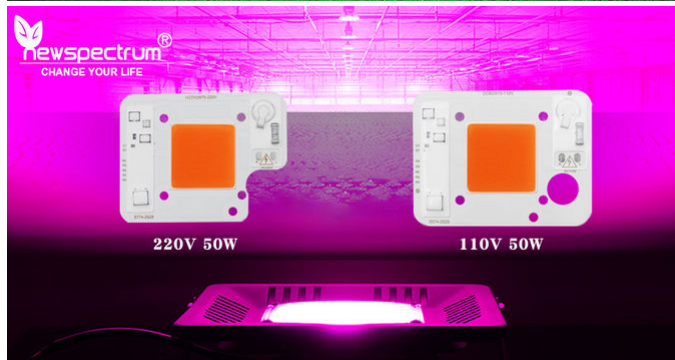
Short circuit? Burn out? Poor quality?



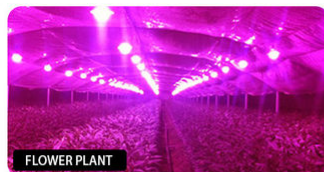
Don't worry !

Newspectrum LED CHIP

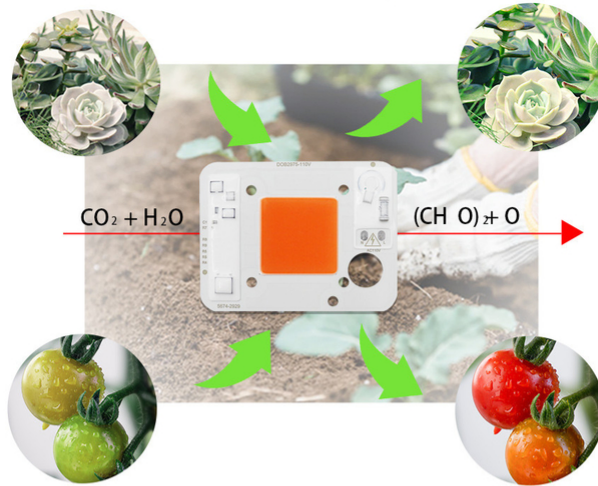
CHANGE YOUR LIFE



Application scenarios



☆ Promote plant growth



Before

After

Increase Color



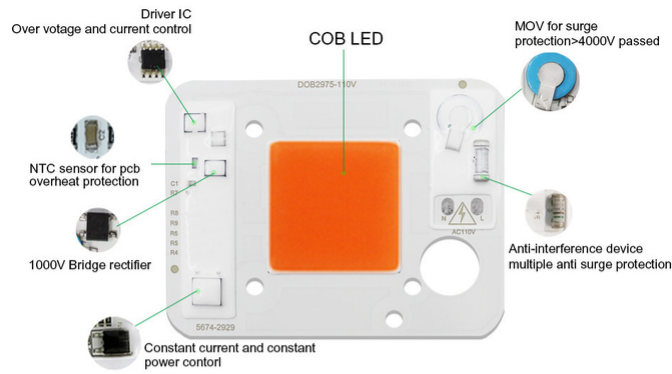
Promote Growth



Increase Production



Product Details



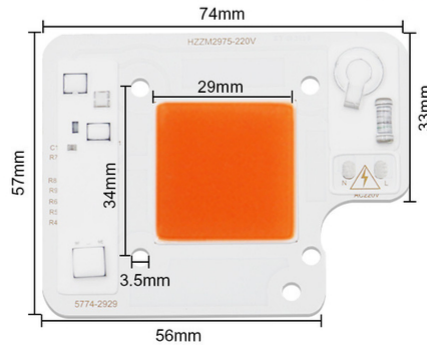
• 110V 50W



Model	DOB2975-110V	Power	50W
Voltage	AC110-130V	CCT	1400K
Size	74mm*56mm	CRI	80
Viewing angle	120°	Lumens	120lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	29mm*29mm	Board thickness	1.6mm



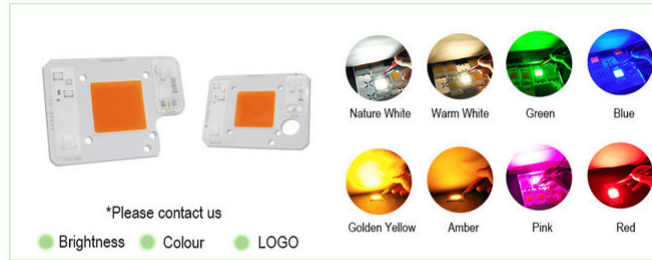
• 220V 50W



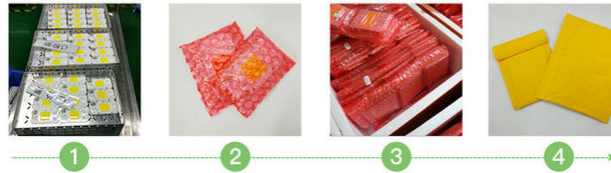
Model	HZZM2975-220V	Power	50W
Voltage	AC220-240V	CCT	1400K
Size	74mm*57mm	CRI	80
Viewing angle	120°	Lumens	120lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	29mm*29mm	Board thickness	1.6mm

CUSTOMIZED

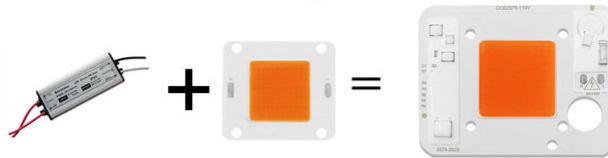
Focus on AC/COB 10 Years



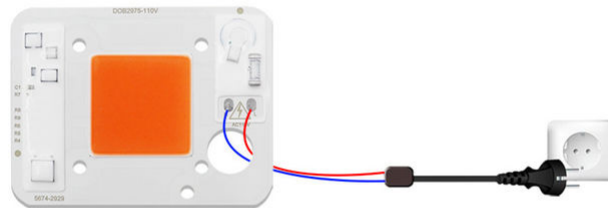
Packing



Two-in-one



Smart ic no driver



CERTIFICART

Quality Assurance



WHY CHOOSE Newspectrum ?

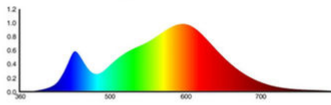
Really effective plant spectrum



Warm White



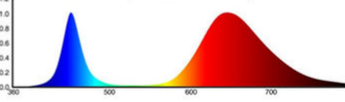
The 3500 K spectrum is what plants need



Pink



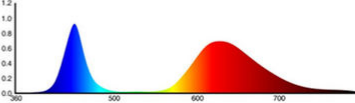
The wavelength of 660nm is what plants need



Others



The 630nm wavelength spectrum cannot be fully absorbed by plants



Why is the quality better ?

A1: There are components that other suppliers don't have

Ours



Others



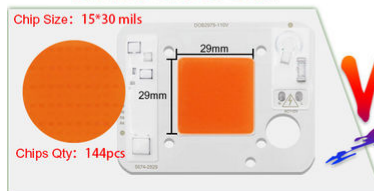
Don't have

Why is it brighter ?

A2: Our luminous size bigger. Chips 2 times more than others

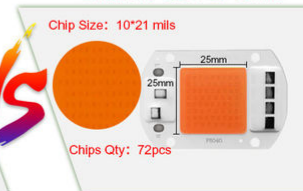
Ours

Luminous Size: 29*29mm



Others

Luminous Size: 25*25mm



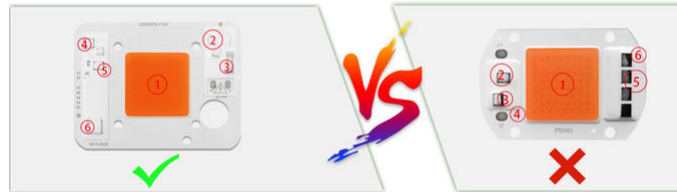
Why heat dissipation faster?

A3:1.6mm high thermal conductivity aluminum material



Why is it safer ?

A4:More secure with multiple protections



Chips are bigger than others	(1)	Ordinary chip
Mov for surge protection>4000V passed	(2)	Mov for surge protection<1000V passed
Anti-interference device multiple anti surge protection	(3)	500V bridge rectifier
Driver IC over votage and current control	(4)	No
1000V bridge rectifier	(5)	No
Constant current and constant power control	(6)	No
Can use led dimmer or SCR dimmer to dimming it	(7)	Can't dimming



Flip Chip

A1:No lead connection required

A2:No line shading, higher light output rate

A3:Direct bonding, good heat dissipation effect

A4:Suitable for high-power light sources

A5:Longer life

Wire Bonding Chip

A1:Need lead connection

A2:The front electrode blocks light, and the light output rate is low

A3:Insulating glue solid crystal, low heat dissipation efficiency

A4:Only suitable for small current

A5:Wired occupies volume, small space

Customized



Focus on AC/COB for **10 years**

Different spectrum can be customized for different plants.

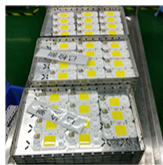
The professionally customized full-spectrum LED plant photosensitive lamp beads can have higher PPFD and PAR than the conventional full-spectrum,

And the efficiency is also higher.

For customization,

Click on **“Chat Now”** pls!

Package



1



2



3



4



1



2



3



4

Certificate



Related Products

Company Profile



COMPANY PROFILE SHENZHEN COLIGHTING LTD



Shenzhen Colighting Ltd which was founded in **2013** is the leading manufacturer of LED products in China. 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, floodlight.

Our product quality have been certified by customers. We will focus on the research and development of high quality and nice price led products and promote the healthy development of lighting industry.

PRODUCTION WORKSHOP



FAQ

Q1: Are you a manufacturer or trading company ?

A: We are a leading smart LED grow light manufacturer found in **2013** in Shenzhen, China. We have a professional R & D team with more than **18 years experiences** in LED industry. OEM&ODM are available. We have many patent products with independent innovation. We provide standardization products as well as customization service that already benefited many customers all over the world with "OPTIMAL" quality products at "OPTIMAL" prices.

Q2: Can I have a sample order to test?

A: Yes, we are pleased to supply samples to test and check quality, mixed sample order is available.

Q3: How long will you ship after the order is placed?

A : Sample in stock: 1-3 days. Customized production: 7-15 days, depends on the order quantity.

Q4: How can you guarantee the quality?

A : Professional product quality inspection team ensures order defective rate; Otherwise, we take full responsibility according to our wholesome after-sales support system.

Q5: How to order the good?

A: First, tell us your request or application.

Second, according to your requirements, we give you the quotation.

Third, the customer confirms the sample of the official order, the destination of the transportation, and three for the payment of the sample.

Fourth, after receiving the payment, we will arrange production and deliver the goods in time.



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