

Cold White Led Cob 50w Reliable Consistent Flip Chip Cob Led

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

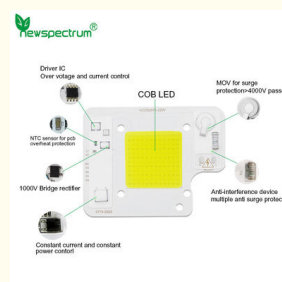


Product Specification

- Voltage: AC110V-130V/220-240V
- Power: 50W
- Luminous Size: 29*29mm
- Number Of Chip: 144pcs
- Luminous Flux: 120lm/W
- CRI: 80
- Highlight: Cold White Led Cob 50w,
Reliable Consistent Led Cob 50w,
Reliable Consistent Flip Chip Cob Led



More Images



Product Description

AC110V 220V Cold White AC COB LED Module with Driver on Board DOB Module Spotlight Downlight LED COB 50W

Parameter:

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

Why Choose Newspectrum?

- ①: We are a manufacturer, focusing on AC COB10 years
- ②: High quality control standards, quality assurance
- ③: over 10 years OEM + ODM experience
- ④: Custom products based on customers' needs
- ⑤: Reliable, consistent and timely service
- 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

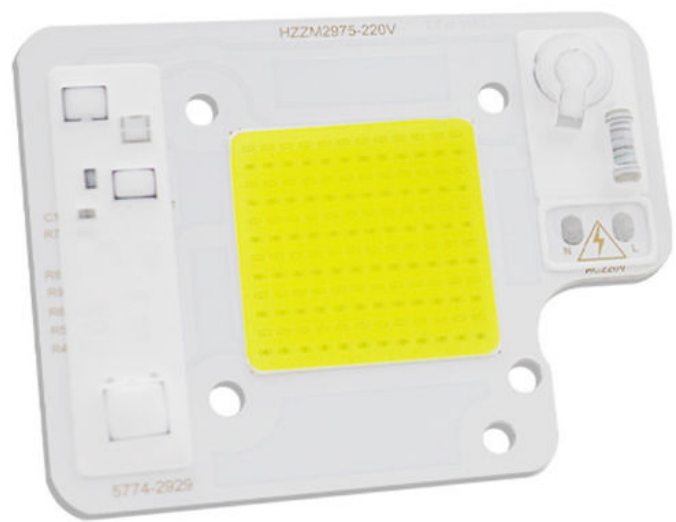
- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long life
- ②: High brightness, our LED chips are bigger than others
- ③: Smart IC Fit NO Driver
- ④: Constant current and constant power control
- ⑤: NTC sensor for PCB overheat protection
- ⑥: Voltage-regulator 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

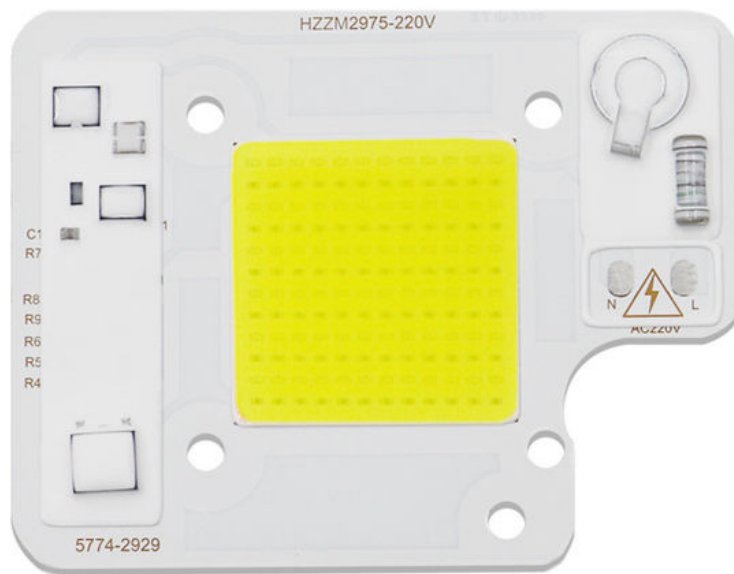
Specification

Power	30W	50W
Voltage	Dual voltage AC 95-265V	Dual voltage AC 95-265V
Color	white/pink/others	white/pink/others

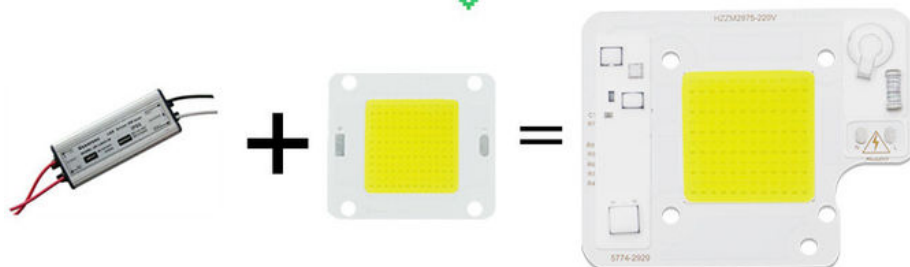
CRI (Ra)	80	80
CCT	3000-6500K	3000-6500K
Luminous Flux	120 lm/W	120 lm/W
Board Size	57 mm*75 mm	57 mm*75 mm
Luminous Size	29 mm*29 mm	29 mm*29 mm
Board thickness	1.6 mm	1.6 mm
Working Temperatur	-20°C~60°C	
Customized	Color/Brightness/Logo/Others	
Application	Spotlights/Grow light/Foold light	

Specification

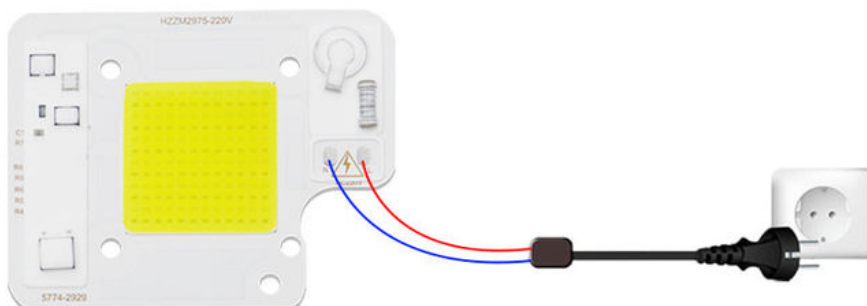




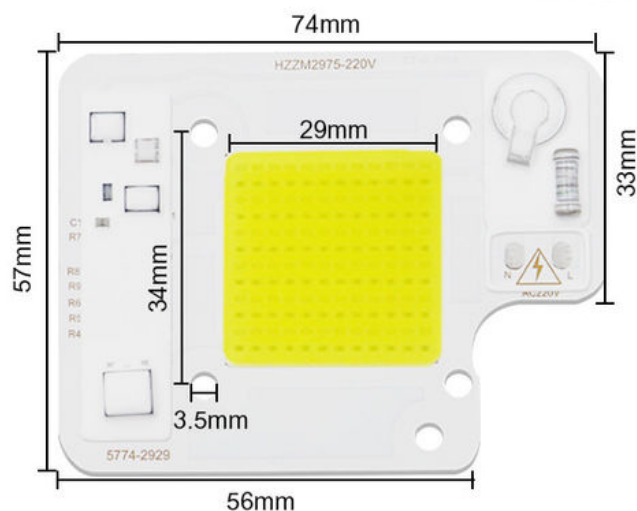
Two-in-one
✓



Smart ic no driver



● 220V 50W



Model	HZZM2975-220V	Power	50W
Voltage	AC110-130V	CCT	4000K-6500K
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

Why is the quality better ?

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

Ours



Others

VS

Don't have



Why is it brighter ?

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

Ours

Luminous Size: 29*29mm

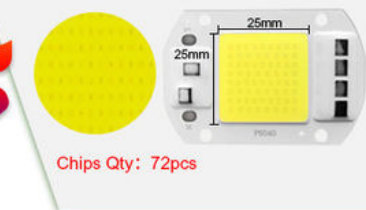


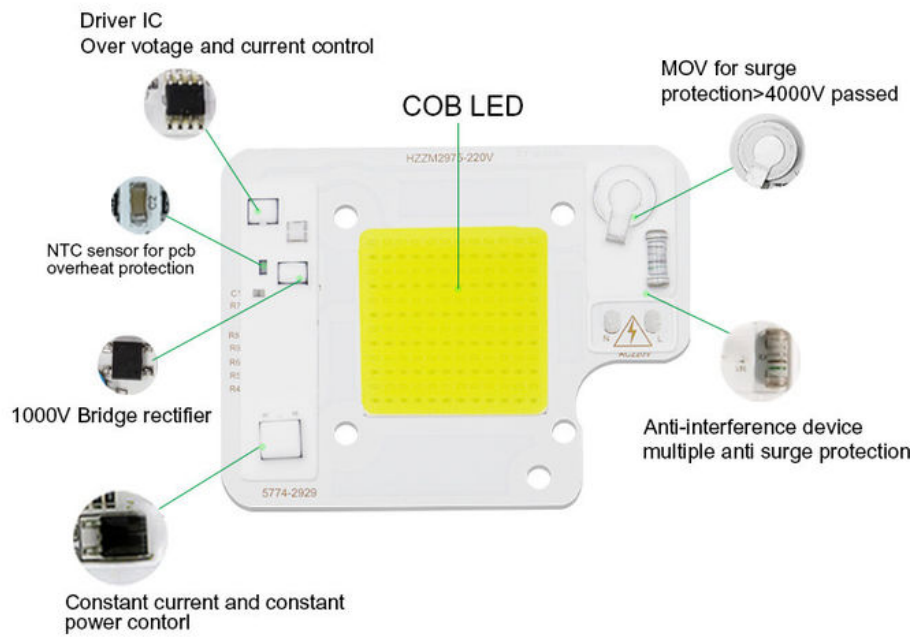
Others

Luminous Size: 25*25mm

VS

Chip Size: 10*21 mils

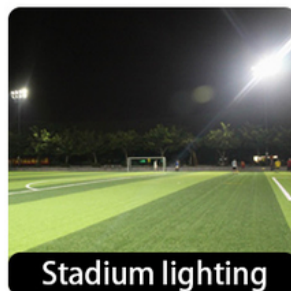




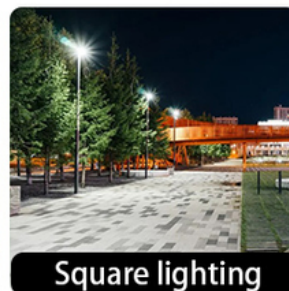
Application Scenarios



Home lighting



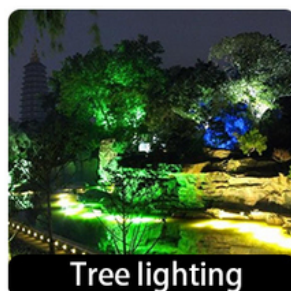
Stadium lighting



Square lighting



Warehouse lighting



Tree lighting



Advertising lighting

WHY CHOOSE Newpectrum ?

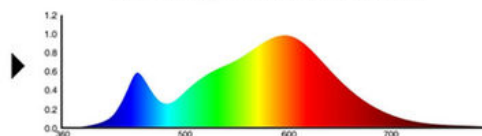
Really effective plant spectrum



Warm White



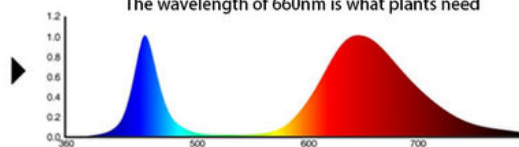
The 3500 K spectrum is what plants need



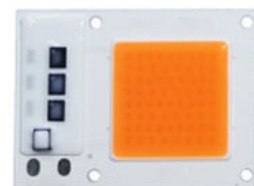
Pink



The wavelength of 660nm is what plants need

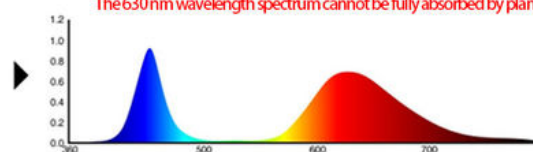


Others



VS

The 630nm wavelength spectrum cannot be fully absorbed by plants





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

Others Wire Bonding Chip



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.

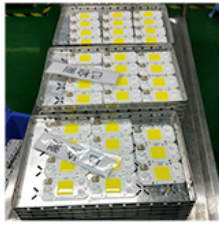
The professionally customized full-spectrum LED plant photosensitive lamp beads can have higher PPFD and PAR than the conventional full-spectrum,

And the efficiency is also higher.

For customization,

Click on **“Chat Now”** pls!

Package



1



2



3



4



1



2



3



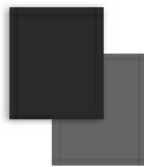
4

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



Production line



Production line



Production line



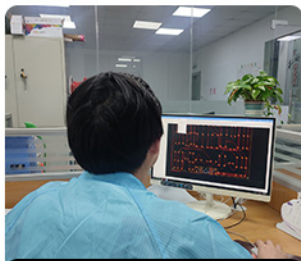
Production line



Production line



Production line



Project design



Production line



product aging

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:1-3days. Customized production:7-15days, 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 thfee 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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