

Warm White 50W LED Chip COB LED Module Customized Logo With Driver On Board

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: newspectrum
- Model Number: COB-2575
- Minimum Order Quantity: 1
- 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



Product Specification

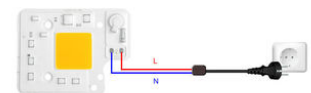
- Voltage: AC 110-130V / 220-240V
- Power: 50W
- Luminous Flux: 120lm/W
- Board Size: 57mm*74mm
- Chip Size: 15*30
- Working Temperature: -20°C~60°C
- Highlight: Warm White 50W LED Chip, Customized Logo 50W LED Chip, Warm White COB LED Module

New Technology

① Tow-in-one



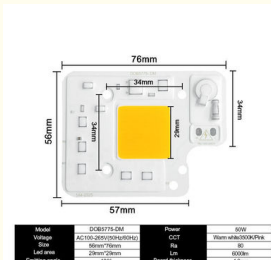
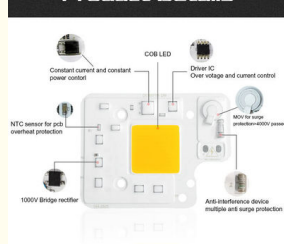
② Smart IC integrated no driver



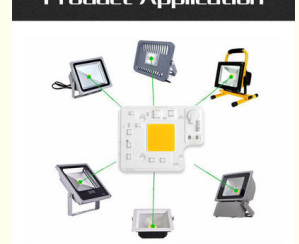
③ Led Flip Chip Assembly Technology

More Images

Product Details



Product Application



for more products please visit us on cobledchip.com

Product Description

Unique AC95V-265V Warm White AC COB LED Module with Driver on Board DOB Module Spotlight Down light 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

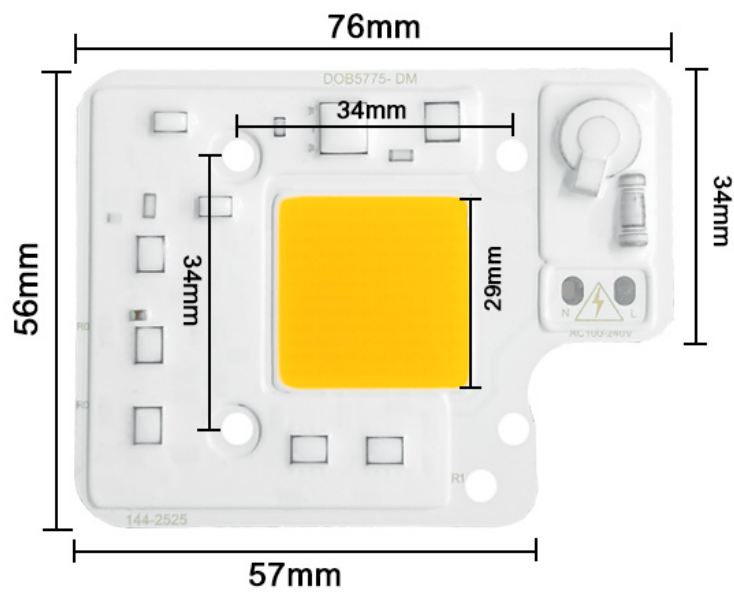
- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long life
- ②: High brightness, our LED chips are bigger than others
- ③: Smart IC Fit NO Driver
- ④: Constant current and constant power control
- ⑤: NTC sensor for PCB overheat protection
- ⑥: Voltage-regulator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

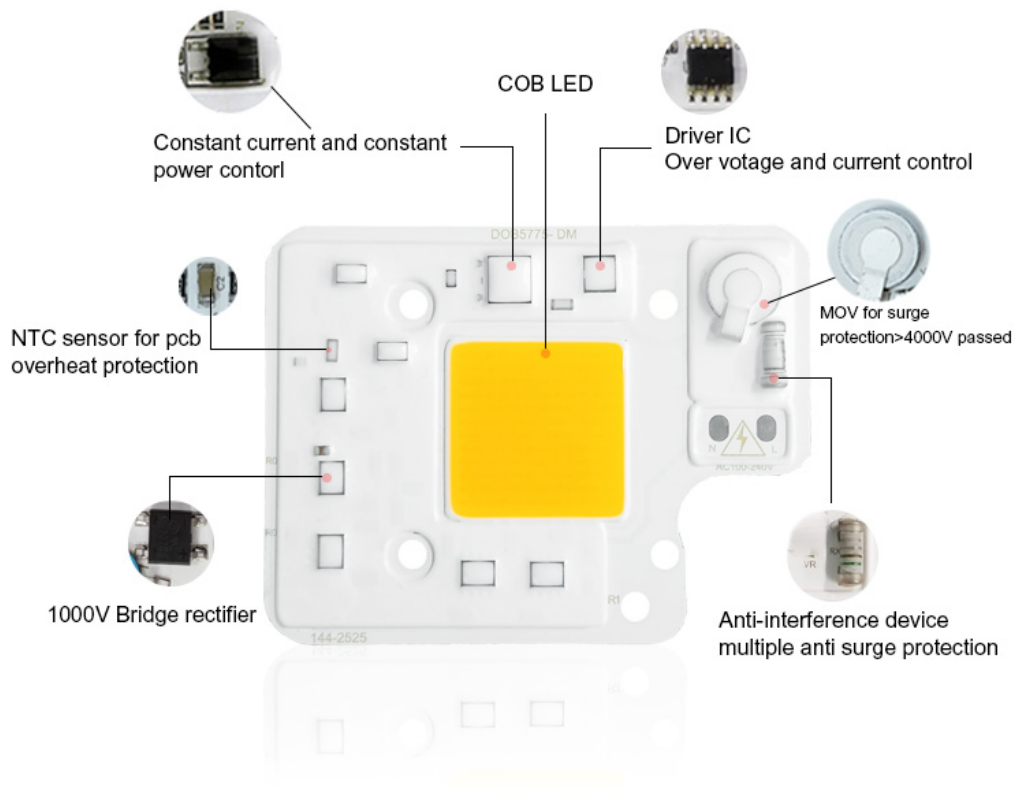
Color	white/pink/others	white/pink/others
CRI (Ra)	80	80
CCT	3000-6500K	3000-6500K
Luminous Flux	120 lm/W	120 lm/W
Board Size	57 mm*75 mm	57 mm*75 mm
Luminous Size	29 mm*29 mm	29 mm*29 mm
Board thickness	1.6 mm	1.6 mm
Working Temperatur	-20°C~60°C	
Customized	Color/Brightness/Logo/Others	
Application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





Model	DOB5775-DM	Power	50W
Voltage	AC100-265V(50Hz/60Hz)	CCT	Warm white3500K/Pink
Size	56mm*76mm	Ra	80
Led area	29mm*29mm	Lm	6000lm
Emitting angle	120°	Board thickness	1.6mm

Product Details

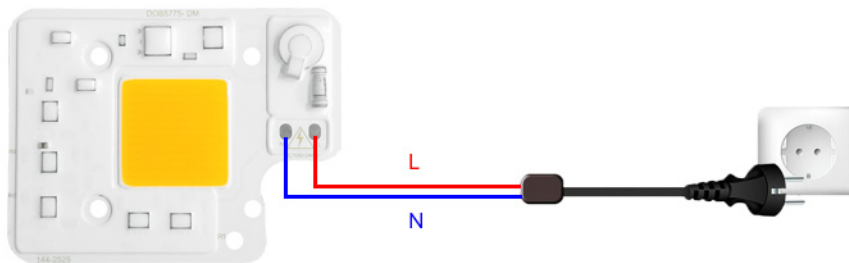


New Technology

① Tow-in-one



② Smart IC integrated no driver

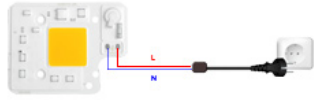


③ Led Flip Chip Assembly Technology

Ours

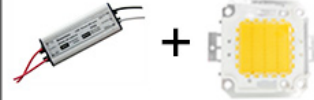


Others



NO Driver

Driver

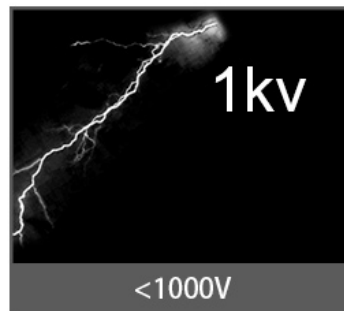


Need Driver

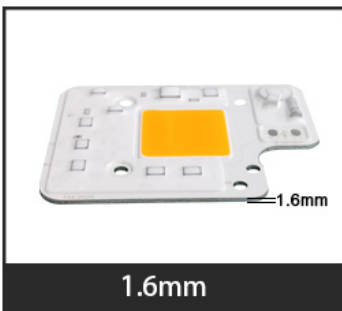


>4000V

Anti surge

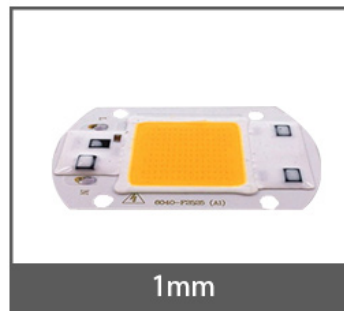


<1000V

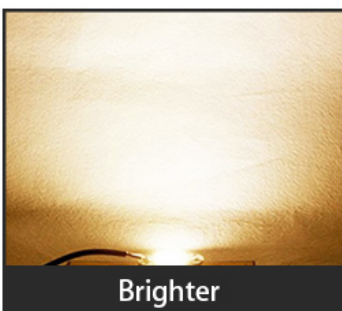


1.6mm

Thickness

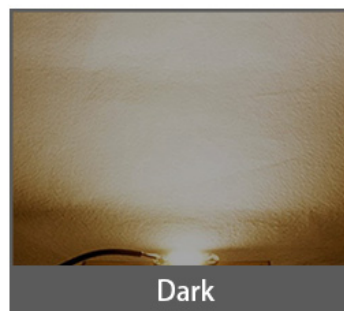


1mm



Brighter

Brightness

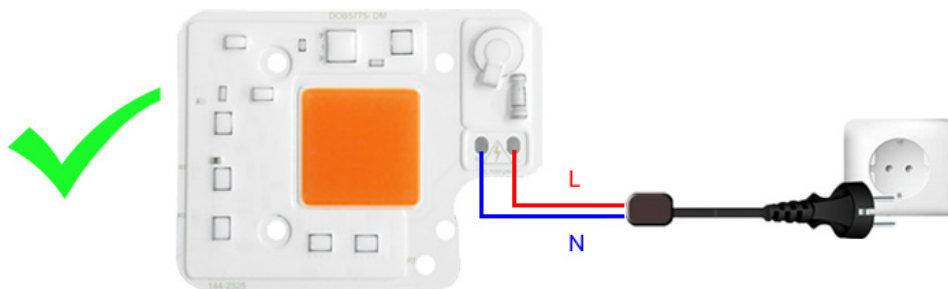


Dark

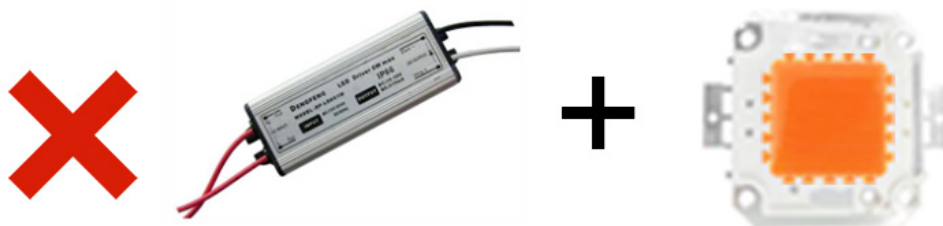
Product Application



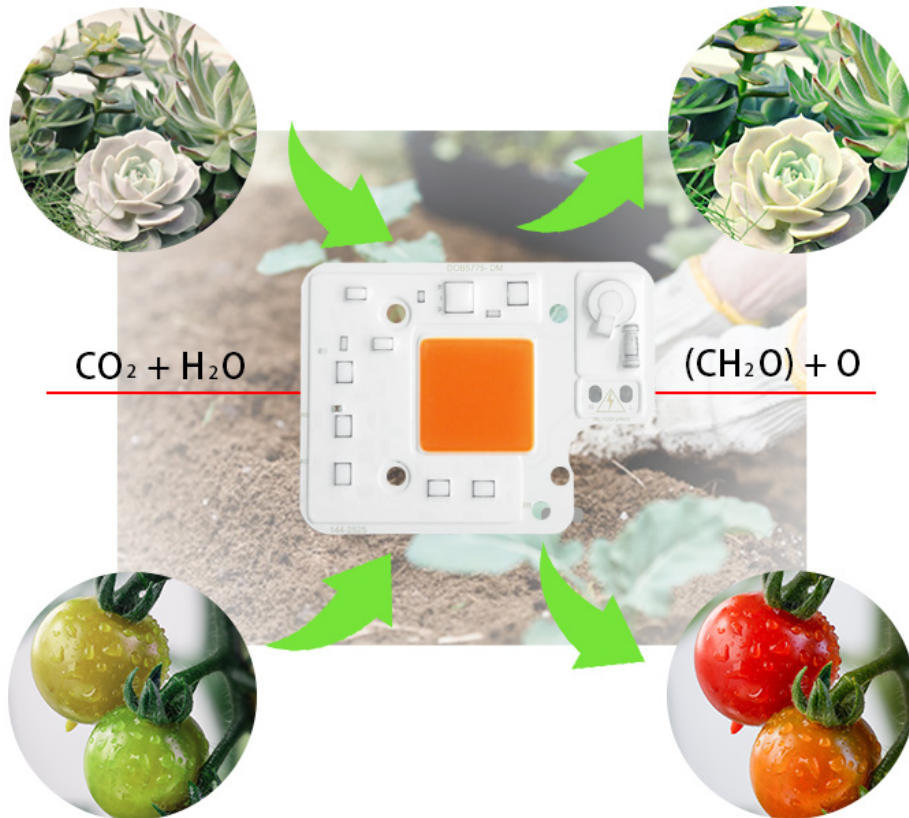
Ours



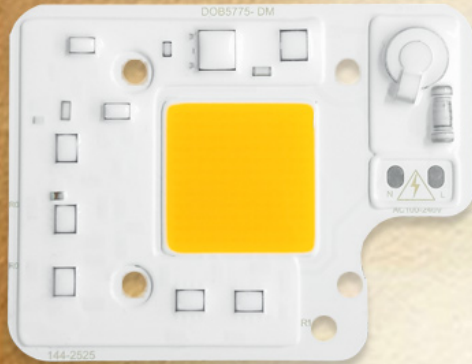
Others



☆ Promote plant growth



Customized



Brightness

Color

LOGO



Chat Now !



WARM WHITE



FULL SPECTRUM



RED



BLUE



GREEN



COLD WHITE



YELLOW



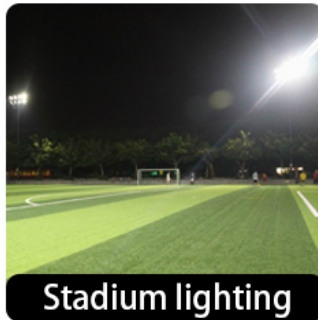
DAY WHITE



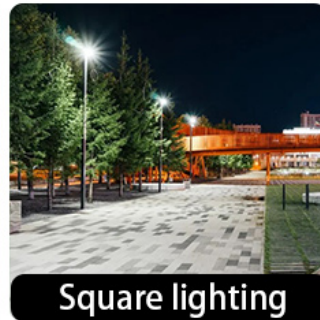
Application Scenarios



Home lighting



Stadium lighting



Square lighting



Warehouse lighting



Tree lighting



Advertising lighting

Specification



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.

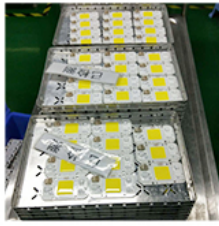
The professionally customized full-spectrum LED plant photosensitive lamp beads can have higher PPFD and PAR than the conventional full-spectrum,

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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