

AC 120V Horticulture COB LED Chip No Need Driver High Brightness

Our Product Introduction

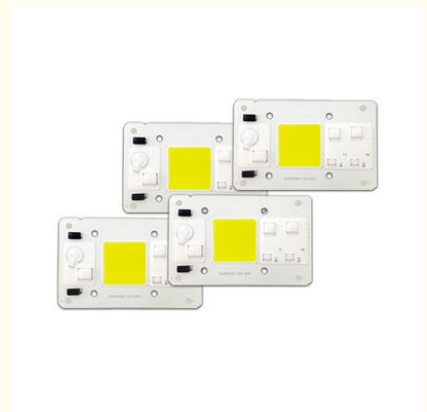
Basic Information

- Place of Origin: Shenzhen, CHINA
- Brand Name: newspectrum
- Model Number: HZZM-5080
- 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: 50000pcs/m

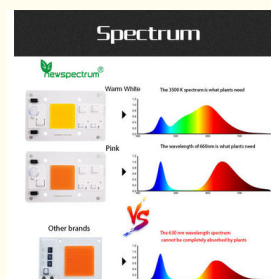
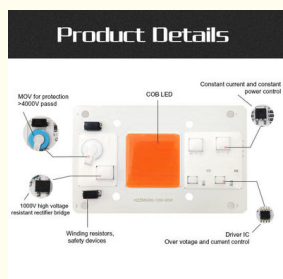


Product Specification

- Lamp Power(W): 80W
- Model Number: Full Spectrum(Pink), Warm White(3000K), Cool White(6000K)
- Lead Time: 1 - 1000pcs/7days, 1001 - 5000/15days, > 5000/To Be Negotiated
- Customization: Customized Logo(Min. Order 3000 Pieces), Customized Packaging(Min. Order 3000 Pieces), Graphic Customization(Min. Order 3000 Pieces)
- Product Name: Horticulture COB
- Application: Plant Grow Light
- Highlight: AC 120V Horticulture COB,
No Need Driver Horticulture COB,
No Need Driver COB LED Chip



More Images



for more products please visit us on cobledchip.com

Product Description

LED Grow Light COB Full Spectrum COB LED Chip 80W AC 120V No Need Driver Photo Lamp For Indoor Plant Light Seedling Grow Lamp

Features

(1) You can connect them to make different watts

1pcs: 80w

2pcs: 80w+80w=160w

3pcs: 80w+80w+80w=240w

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(2) No welding, No Need Driver, DIY power, 4 KV surge protection, No flicker

(3) Voltage: 110V-130V

(4) Power: 80W

(5) Luminous Flux: 100lm/W

(6) CRI: 80

(7) Hole size: 3.5 mm

(8) Board Size: 50 mm*80 mm

(9) Luminous Size: 25 mm*25 mm

(10) Working Temperature: -20 °C~60°C

(11) Application: Spotlights/Grow light/Floodlight

(12) Customized: Please contact us

(13) LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long life.

(14) High brightness, NEWSPECTRUM led chips are bigger than others.

(15) Smart IC Fit NO Driver.

(16) Constant current and constant power control.

(17) NTC sensor for pcb overheat protection.

(18) Voltage-regulator for ic vdd protection.

(19) Driver IC, over voltage and over current control.

(20) It can use led dimmer or SCR dimmer to dimming it.

(21) MOV for surge protection > 4000V passed.

(22) 1000V Bridge rectifier.

Specification

Power	80W
Voltage	AC 110-130V
Color	Warm white/Pink/others
CRI (Ra)	70-80

CCT	3000-6500K
Luminous Flux	100 lm/W
Board Size	50mm*80mm
Luminous Size	25mm*25mm
Hole Distance	35mm*35mm
Working Temperatur	-20°C~60°C
Customized	Color/Brightness/Logo/Others
Application	Spotlights/Grow light/Foold light

Specification

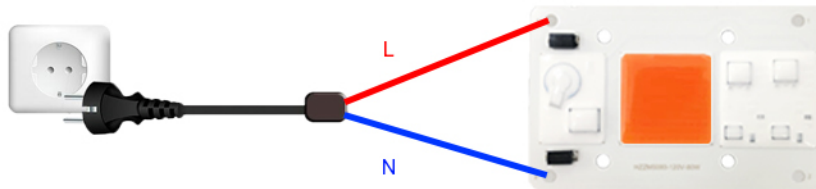


New Technology

① Tow-in-one



② Smart IC Fit NO Driver



③ Led Flip Chip Assembly Technology



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

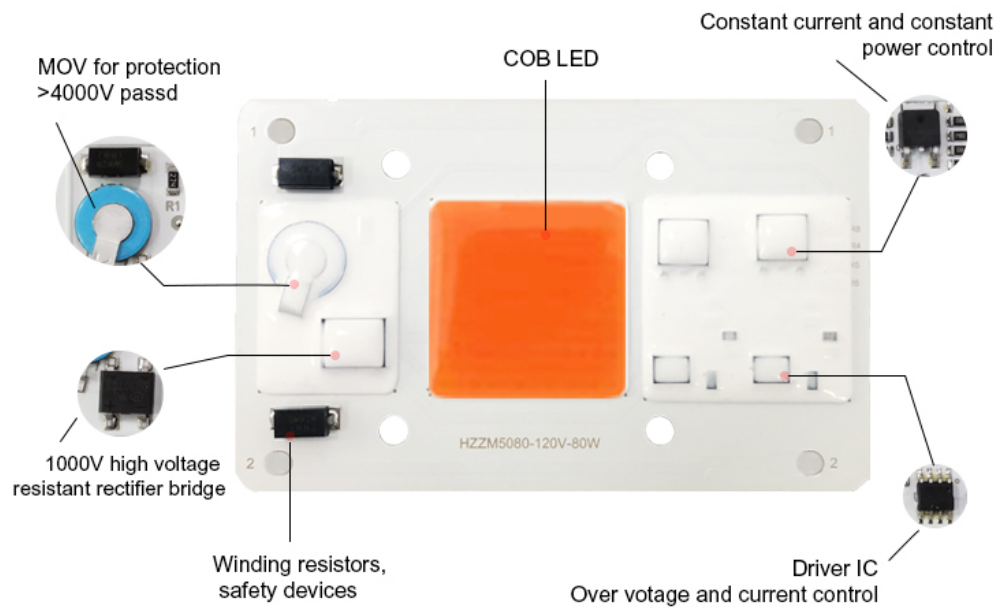
A2: The front electrode blocks light, and the light output rate is low

A3: Insulating glue solid crystal, low heat dissipation efficiency

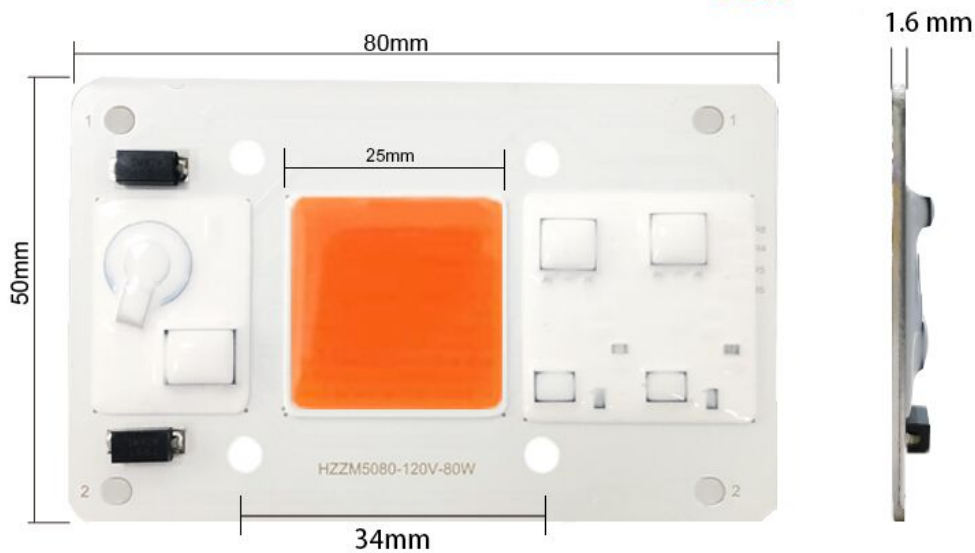
A4: Only suitable for small current

A5: Wired occupies volume, small space

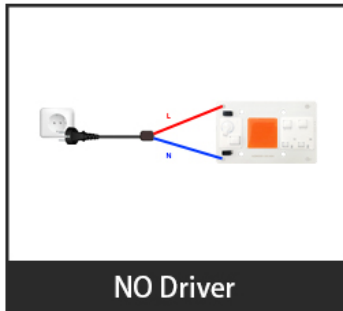
Product Details



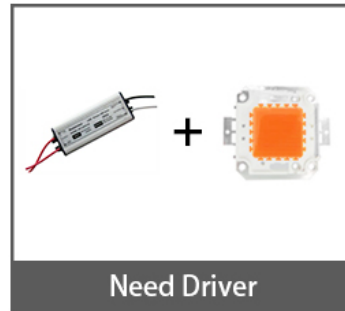
80W



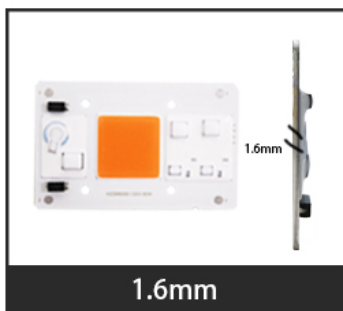
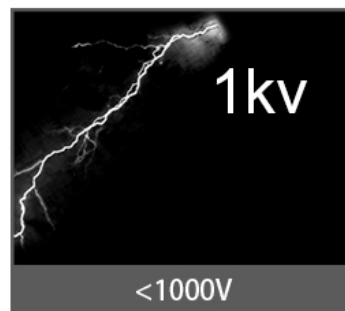
Model	HZZM5080-120V-80W	Power	80W
Voltage	AC 110V-130V	CCT	3000-6500K
PF	>0.9	CRI	80
Viewing angle	120°	Luminous Efficacy	100 lm/W
Lifespan	50000hrs	Board thickness	1.6mm



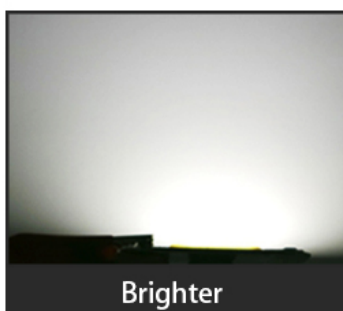
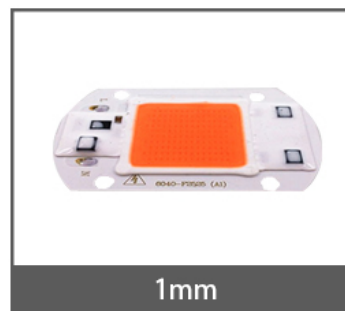
Driver



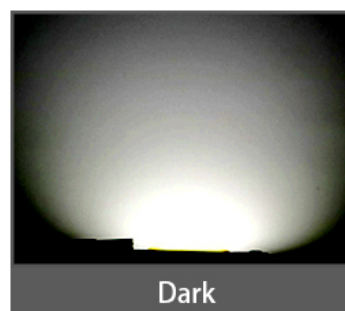
Anti surge



Thickness



Brightness

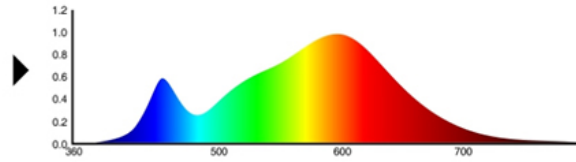


Spectrum



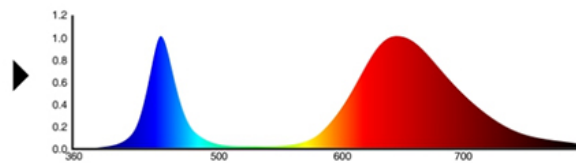
Warm White

The 3500 K spectrum is what plants need



Pink

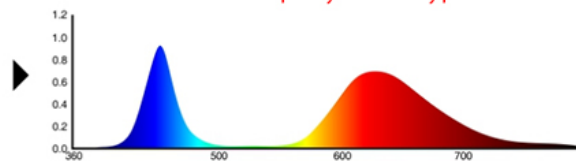
The wavelength of 660nm is what plants need



Other brands



The 630 nm wavelength spectrum
cannot be completely absorbed by plants



How to choose spectrum

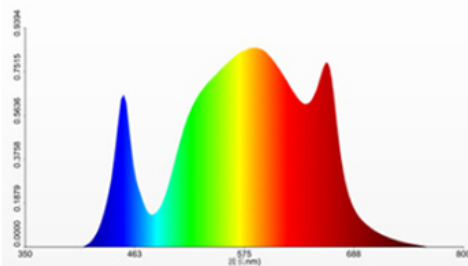


newspectrum®

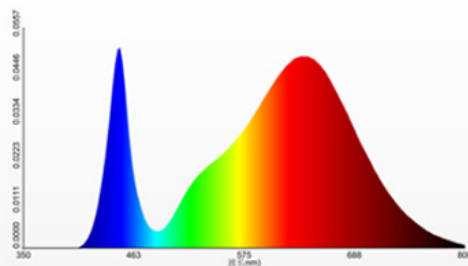
Suggestion



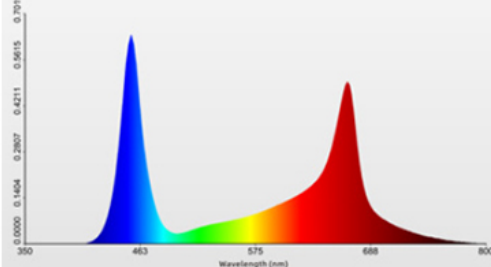
Common different spectrum ratios



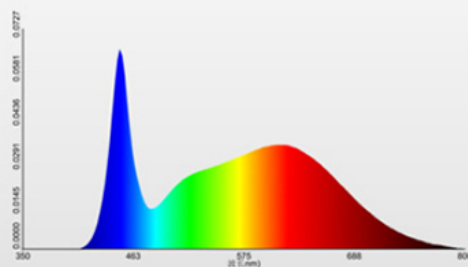
Suitable for young plants, such as industrial hemp plants, tomatoes, etc.



Suitable for flowering and fruiting plants



Suitable for seedling breeding, tissue culture experiment, etc.



Suitable for leafy vegetables, rhizomes, etc.

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!

Customized

Brightness

Color

LOGO



Chat Now !



WARM WHITE



FULL SPECTRUM



RED



BLUE



GREEN



COLD WHITE



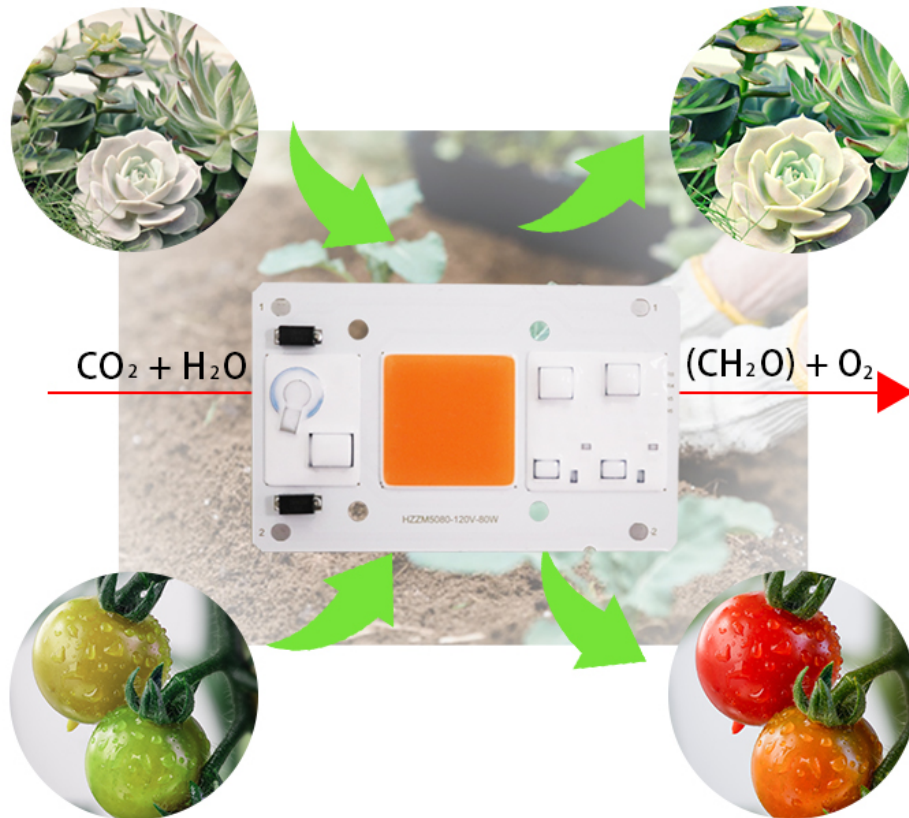
YELLOW



DAY WHITE



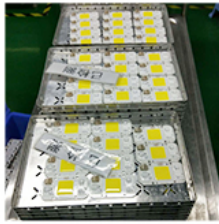
☆ Promote plant growth



Application Scenarios



Package



1



2



3



4



1



2



3

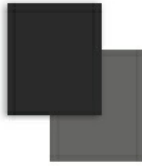


4

Certificate



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.

WELCOME TO VISIT OUR FACTORY !



FAQ

Q1. Are you a manufacturer or trading company ?

A: We are a manufacturer, Shenzhen Colighting Ltd which was founded in 2013 is the leading manufacturer of LED products in China. We focus to **AC/DC COB** 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. Furthermore, we are following the led lighting criteria and quality management system.

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 free 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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