

## Size 60mm COB LED Module 220V 1000K For Curing Plant Grow Lamp Chip

Our Product Introduction

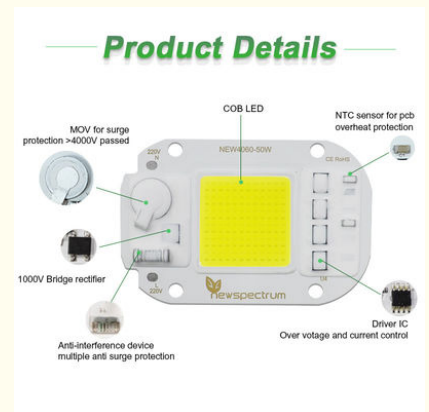
### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW4060
- Minimum Order Quantity: 100pcs
- Price: Negotiable
- Packaging Details: Antistatic bag, boxes in carton.
- Delivery Time: 3-8 workdays
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 50000pcs/m



### Product Specification

- Product Name: COB LED Module
- Lamp Power(W): 20, 30, 50
- Model Number: 4060-CW 4060-WW 4060-Pink
- Application: Spotlights/Grow Light/Flood Light
- 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)
- Highlight: 60mm DOB LED Module, 60mm LED Module 220V, 1000K DOB LED Module



### More Images



for more products please visit us on [cobledchip.com](http://cobledchip.com)

## Product Description

220v 50w For DIY Plants Grow Lamps Indoor Growing Bulbs Full Spectrum Led Cob Chip For Hydroponic Flowers Greenhouse

LED Module 220V Chip 50W 30W 20W 395nm 660nm 1000K 2100K 3000K 4000K 6000K 6700K 100000K For Curing Plant Grow Lamp Chip

### Product Description

Class	Item	DOB4060-20W	DOB4060-30W	DOB4060-50W
Electrical Parameter	Input Voltage	AC 180-300V (50/60 Hz)		
	Working Voltage	AC 220-240V (50/60 Hz)		
	Power	20W	30W	50W
	Power Factor	>0.9	>0.9	>0.9
	Surge Tolerance	4 KV L/N PE	4 KV L/N PE	4 KV L/N PE
Optical Parameter	Luminous Efficiency	100 lm/W	100 lm/W	100 lm/W
	CCT	1400K-6500K		
	Ra	80		
	Luminescence Angle	120°	120°	120°
Parameter	Size	40 mm*60 mm		
	Luminous Area	25 mm*25 mm		
	Base Board	Al MCPCB, Thermal resistance>1.5		
	Thickness	1.6 mm	1.6 mm	1.6 mm
Environment	Work Temperature	-40~80 °C(PCB Temperature)		
Life Time		>50000(hours)		

## 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

## Specifications

1. Voltage: 220V-240V
2. Power:20W/30W/50W
3. Luminous Flux:100lm/W
- 4.CRI:80
5. Hole size:3.5 mm
6. Board Size:40 mm\*60 mm
7. Luminous Size:25 mm\*25 mm
8. Working Temperature:-20 °C~60°C
9. Application:Curing lamp/Grow light/Floodlight/Horticultural light

## CUSTOMIZED

Focus on AC/COB 10 Years





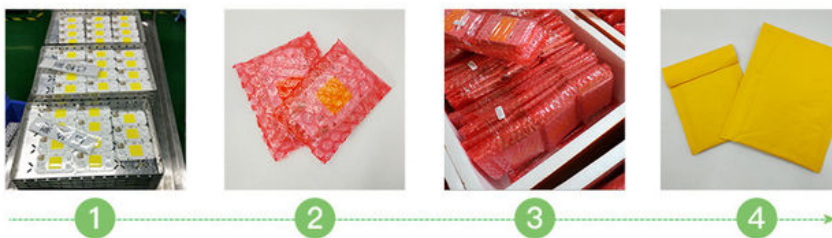


Nature White Warm White Green Blue

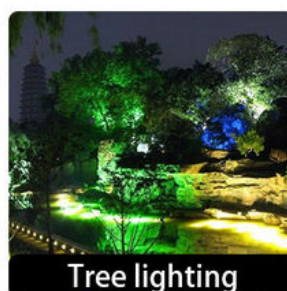
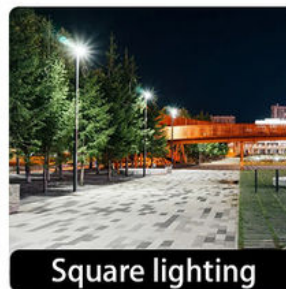
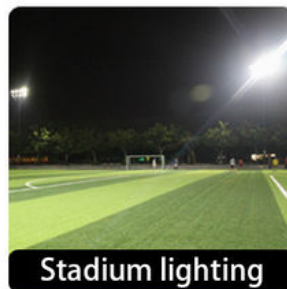
Golden Yellow Amber Pink Red

● Brightness ● Colour ● LOGO

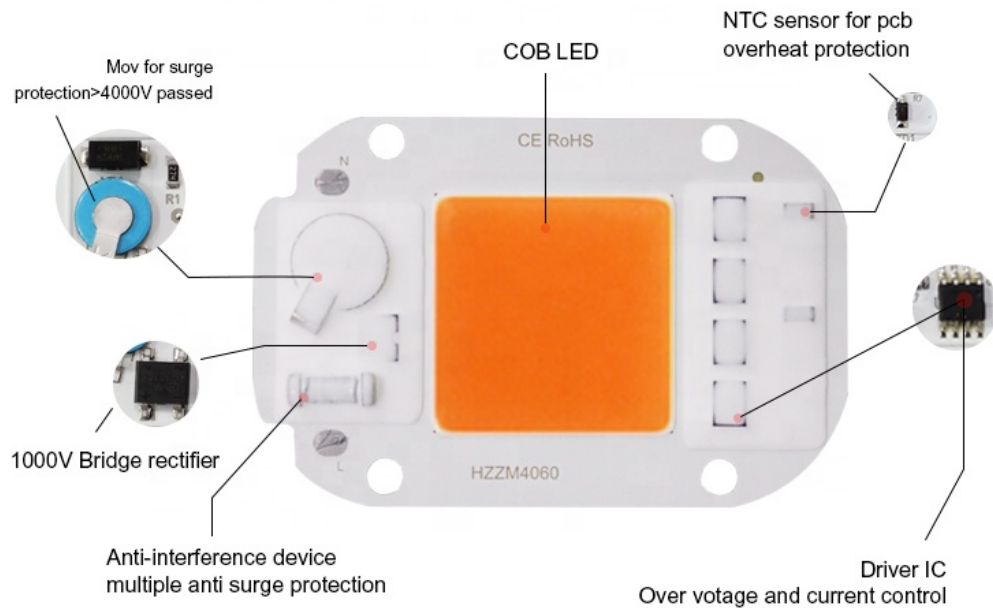
## Packing



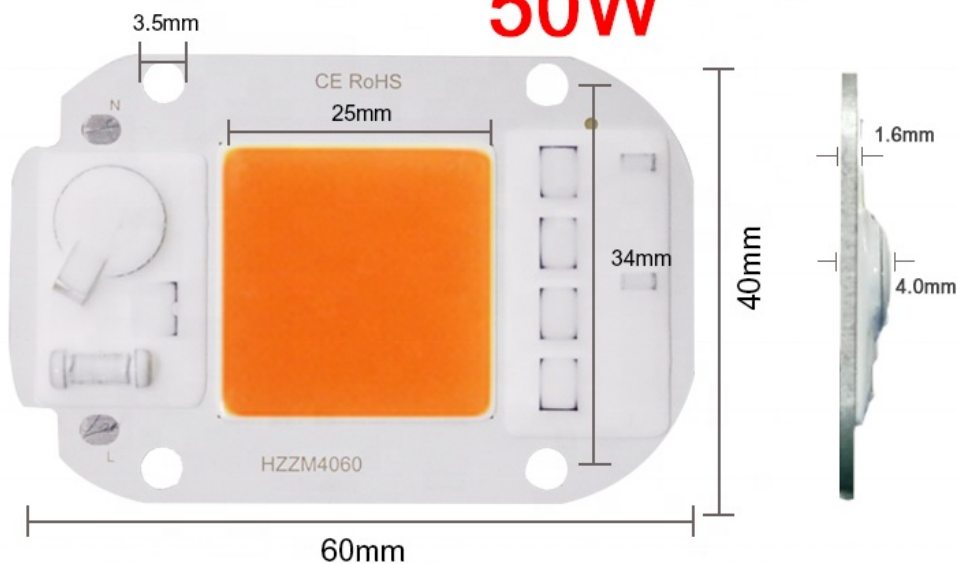
## Application scenarios



# Product Details



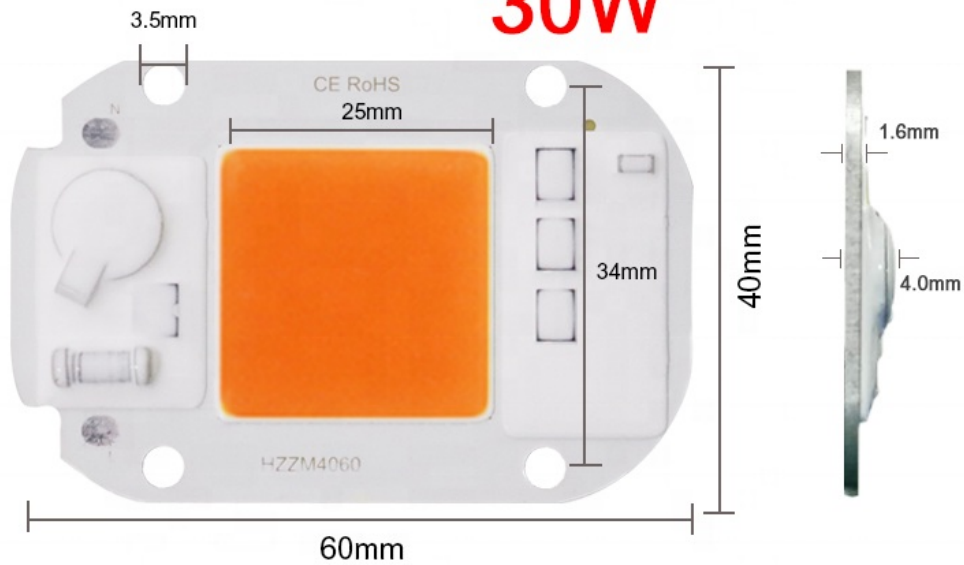
**50W**



Model	HZZM4060	Power	50W
Voltage	AC220-240V(50Hz/60Hz)	CCT	1400-6500K
PF	> 0.9	CRI	70-80
Viewing angle	120°	Lumens	5000lm
Lifespan	50000hrs	Board thickness	1.6mm
Luminous size	25mm*25mm	Hole diameter	3.5mm

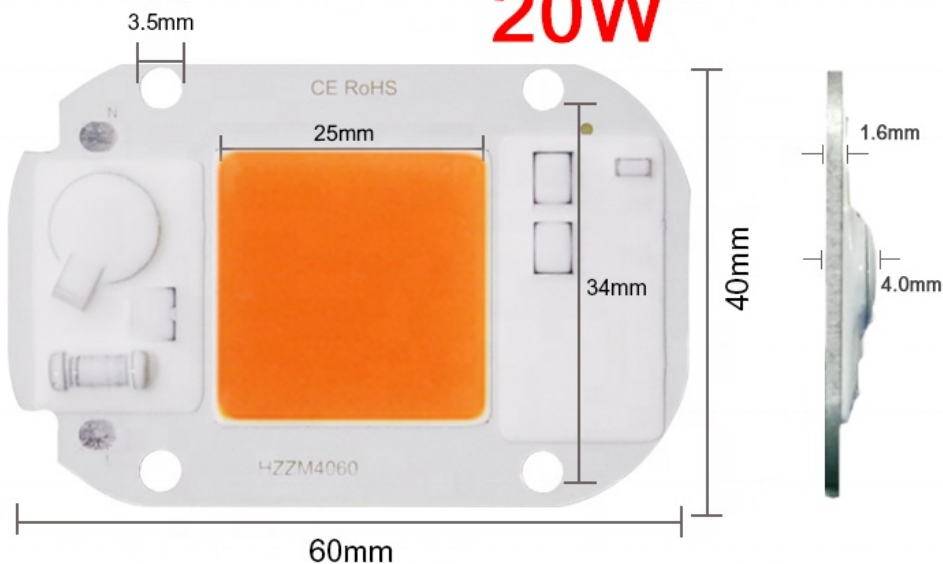


## 30W



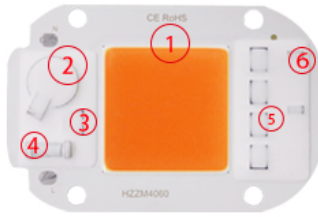
Model	HZZM4060	Power	30W
Voltage	AC220-240V(50Hz/60Hz)	CCT	1400-6500K
PF	> 0.9	CRI	70-80
Viewing angle	120°	Lumens	3000lm
Lifespan	50000hrs	Board thickness	1.6mm
Luminous size	25mm*25mm	Hole diameter	3.5mm

## 20W



Model	HZZM4060	Power	20W
Voltage	AC220-240V(50Hz/60Hz)	CCT	1400-6500K
PF	> 0.9	CRI	70-80
Viewing angle	120°	Lumens	2000lm
Lifespan	50000hrs	Board thickness	1.6mm
Luminous size	25mm*25mm	Hole diameter	3.5mm

# Details Comparison



Others



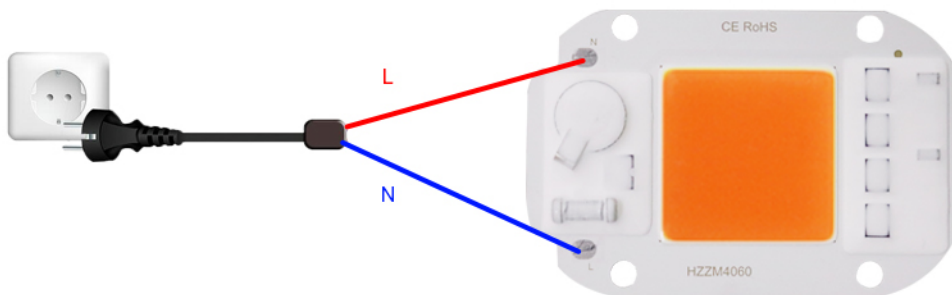
Chips are bigger than others	(1)	Ordinary chip
Mov for surge protection > 4000V passed	(2)	Mov for surge protection < 1000V passed
1000V bridge rectifier	(3)	500V bridge rectifier
Anti-interference device multiple anti surge protection	(4)	Have not
Constant current and constant power control	(5)	Unstable output power current
NTC sensor for pcb overheat protection	(6)	Have not
Can use led dimmer or SCR dimmer to dimming it	(7)	Can't dimming

# New Technology

## ① Tow-in-one



## ② Smart IC Fit NO Driver



## ③ Led Flip Chip Assembly Technology



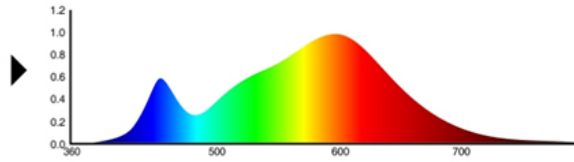
# Spectrum



Warm White



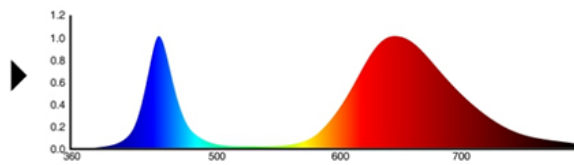
The 3500 K spectrum is what plants need



Pink



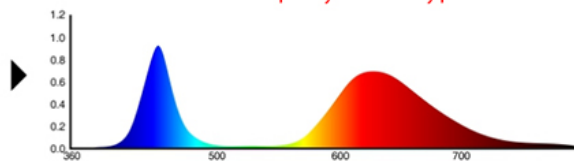
The wavelength of 660nm is what plants need

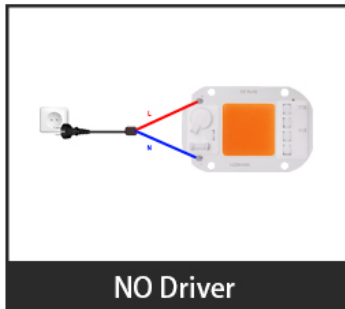


Other brands



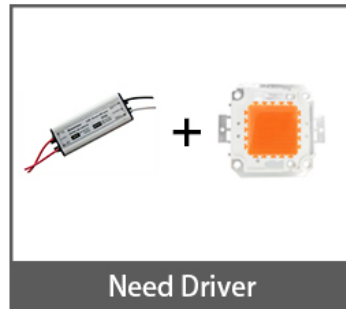
The 630 nm wavelength spectrum cannot be completely absorbed by plants





NO Driver

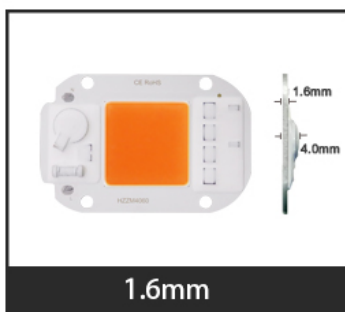
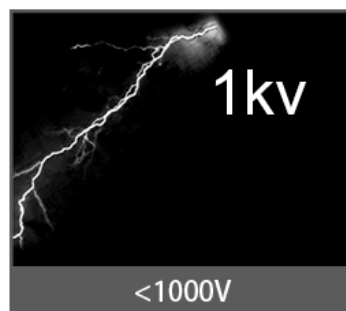
Driver



Need Driver

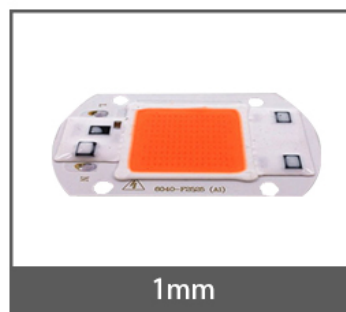


Anti surge

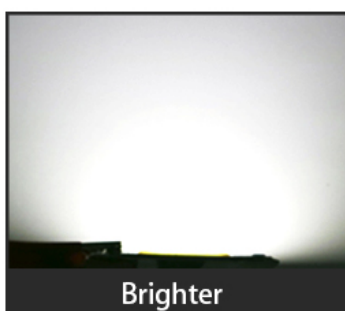


1.6mm

Thickness

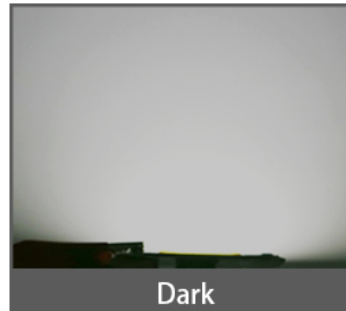


1mm



Brighter

Brightness



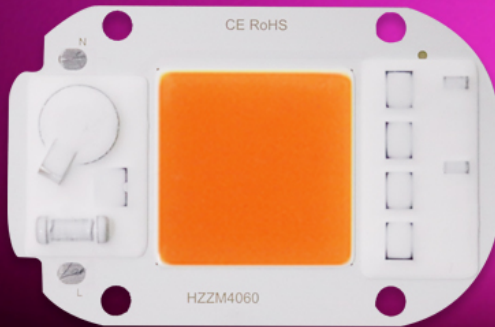
Dark

# Customized

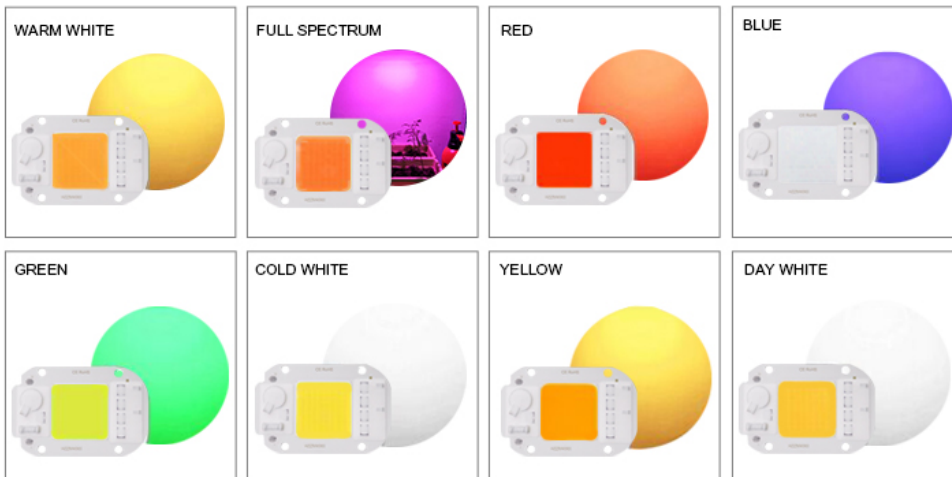
Brightness

Color

LOGO



Chat Now !



## Specification



Flip Chip

A1: No lead connection required

A2: No line shading, higher light output

Others Wire Bonding Chip



Wire Bonding Chip

A1: Need lead connection

A2: The front electrode blocks light, and the light

Reduce the shading, higher light output rate

**A3:Direct bonding, good heat dissipation effect**

**A4:Suitable for high-power light sources**

**A5:Longer life**

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

## FAQ

### Q1. Are you a manufacturer or trading company ?

**A:**Shenzhen Colighting Ltd is a leading LED light source manufacturer founded 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 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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