

## 20W COB LED Module Size 40mm COB LED Chip For Light Floodlight Chip

Our Product Introduction

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

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW 4060
- 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

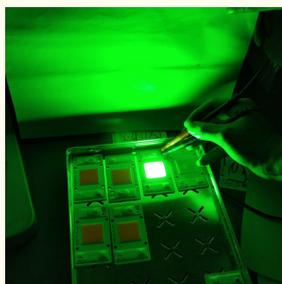


### Product Specification

- Product Name: COB LED Module
- Power(W): 20W/30W/50W
- Glow Color: Green
- Size: 60mm\*40mm
- Voltage: 220V
- IP Grade: IP65
- Highlight: 20W DOB LED Module, 20W COB LED Chip, 40mm COB LED Chip



### More Images



# AC COB LED chip 220V 20W 30W 50W green light suitable for landscape lighting stage light floodlight 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(基板温度)(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

## Specification



# Are you still worrying these problem?

Short circuit? Burn out? Poor quality?



Don't worry !

## Newspectrum LED CHIP

BENEFIT YOUR LIFE

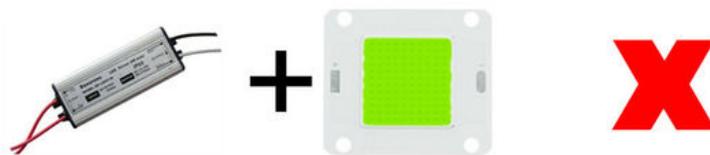


### Two-in-one

smart ic fit no driver



Need power and Welding



**Driverless and Solderless**



## Product Features



Intelligent-control circuit  
component safe reliable high quality

High quality light-emitting chip  
long service life

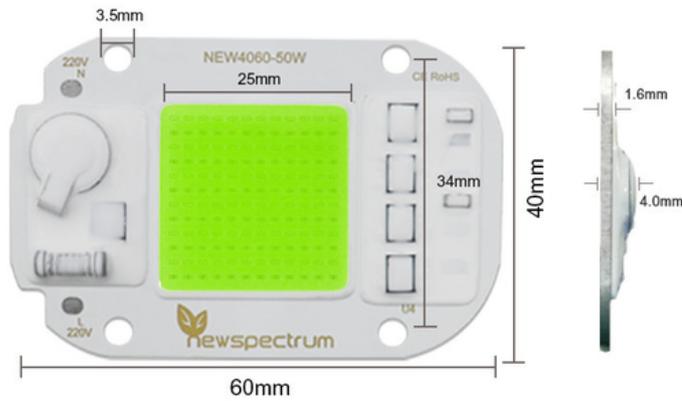
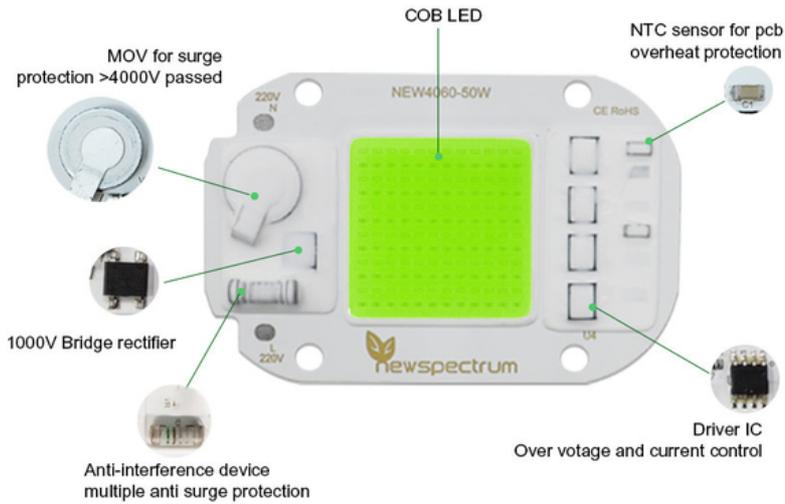


Durable aluminum substrate provide  
great heat dissipation effect

Smart IC chip miniaturization  
intelligent extend product's lifespan



# Product Details



Voltage	220V-240V(50~60Hz)		
Power	20W	30W	50W
CCT	Green(525nm)		
Application	Landscape Lighting		

## Why is the quality better ?

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



Ours



VS

Others



## Why is it brighter ?

A2: LED chips 3 times bigger than others

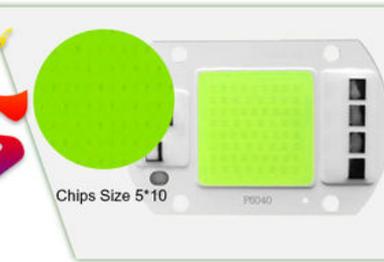


Ours



VS

Others



## Why heat dissipation faster?

A3:1.6mm high thermal conductivity aluminum material



Ours



Thickness: 1.6mm



Others



Thickness: 1.0mm

## 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
1000V bridge rectifier	(3)	500V bridge rectifier
Anti-interference device multiple anti surge protection	(4)	No
Constant current and constant power control	(5)	Unstable output power current
NTC sensor for pcb overheat protection	(6)	No
Can use led dimmer or SCR dimmer to dimming it	(7)	Can't dimming

# CUSTOMIZED

Focus on AC/COB 10 Years



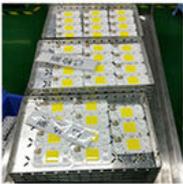
\*Please contact us

● Brightness ● Colour ● LOGO



Nature White Warm White Green Blue  
Golden Yellow Amber Pink Red

## Packing



1 2 3 4

## Application scenarios



Home lighting



Stadium lighting



Square lighting



Warehouse lighting



Tree lighting



Advertising lighting

## 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.



**Shenzhen Colighting Ltd**



+86-18926589891



bon@colighting.com



cobledchip.com

3rd Floor of building 1, No.5 of Shijing Industrial Park, Pingkui Road, Pingshan district, Shenzhen, China, 518118