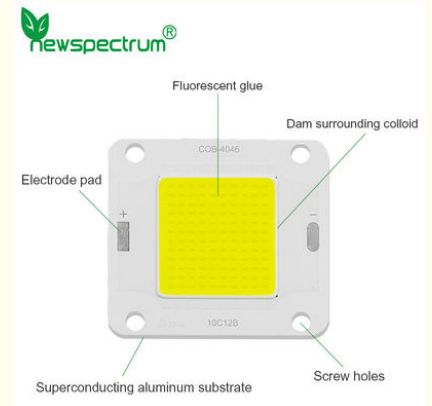


## DC Inverted Integrated COB LED Module 20W 30W High Power LED

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: COB4046
- Minimum Order Quantity: 100pcs
- Price: Negotiable
- Packaging Details: Antistatic bag, boxes in carton.
- Delivery Time: 3-5 workdays
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram

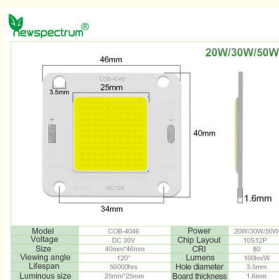


### Product Specification

- Model: COB-4046
- Size: 40mm\*46mm
- Luminous Surface Size: 25\*25mm
- Luminous Flux: 5000lm
- Chip Brand: San An
- Luminous Efficiency: 100lm/W
- Highlight: DC Inverted Integrated COB LED Module, COB LED Module 20W



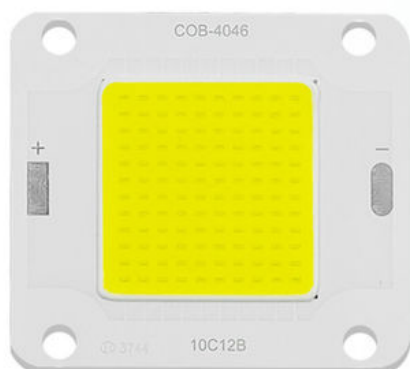
### More Images



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

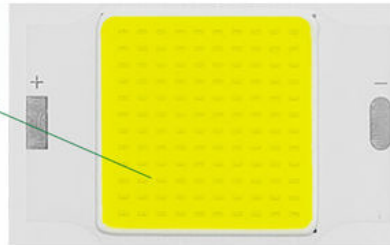
**Product Description****DC Inverted Integrated Cob Light Source Cob4046 Beads  
20W/30W/50W Floodlight Street Lamp High Power LED**

Article number  
 COB4046-CW/WW/PK  
 model  
 COL-4046  
 Overall dimensions  
 40 \* 46 (mm)  
 Luminous surface size  
 25 \* 25 (mm)  
 power  
 50 (W)  
 Color rendering index  
 ≥ 70  
 Luminous flux  
 5000 (lm)  
 Forward voltage  
 30 (V)  
 Reverse voltage  
 30 (V)  
 Electrostatic breakdown voltage (ESD)  
 2000 (V)  
 Rated current  
 1.5 (A)  
 Chip brand  
 San An  
 Fluorescent powder brand  
 brill  
 Glue brand  
 Shinyue, Japan  
 Wire material  
 No gold thread  
 Substrate material  
 High conductivity aluminum substrate  
 Luminous angle  
 120 °  
 luminous efficiency  
 100 (lm/W)  
 Color tolerance  
 5 (SDCN)  
 thermal resistance  
 ≤ 5 (°/W)  
 Maximum allowable junction temperature  
 120 °  
 Voltage temperature coefficient  
 250 (mV/° C)  
 1000 hours of routine aging  
 101%  
 6000 hours of routine aging  
 98%  
 Did you pass the LM-80 test  
 no  
 Color temperature range  
 1400-6500 (K)

**Product Details**

Flip gold free wire assembly technology

High quality light-emitting chip  
long service life

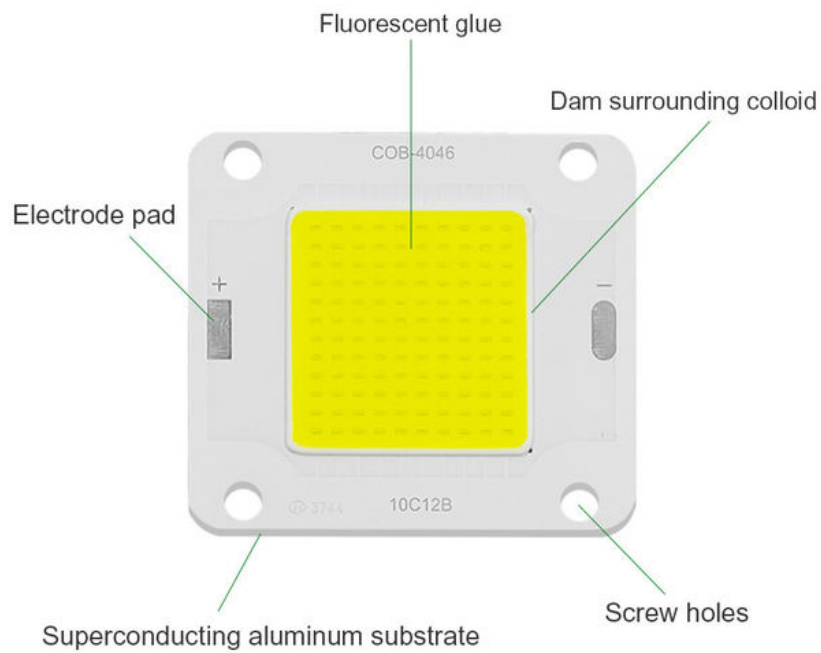


Durable aluminum substrate provide  
great heat dissipation effect

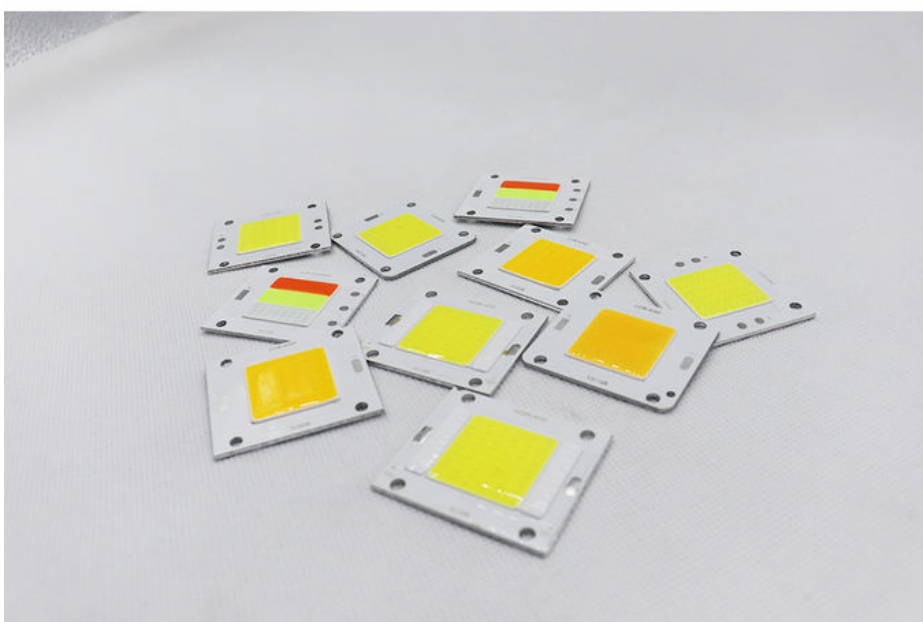
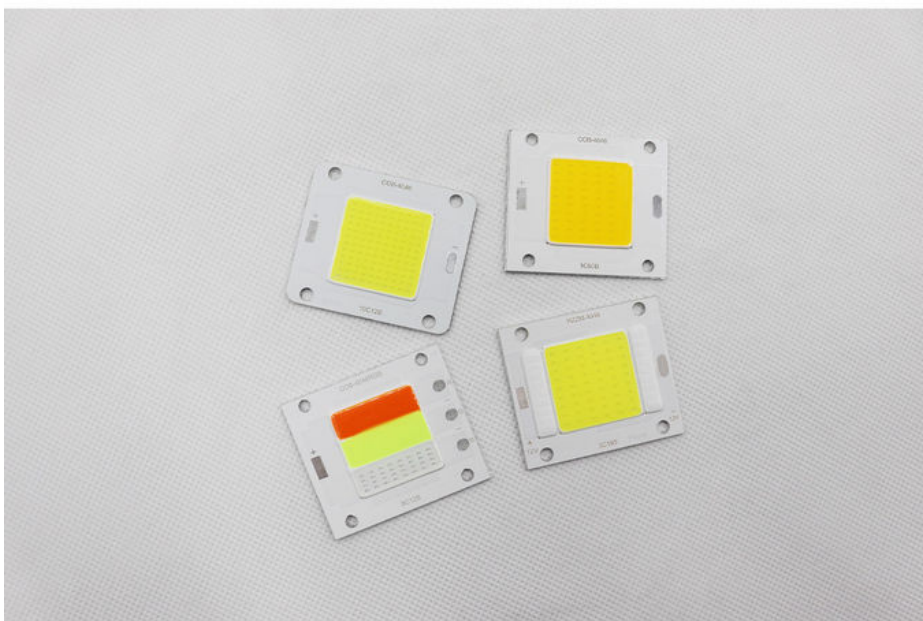
Imported phosphor, Ra higher



## ***Product Description***

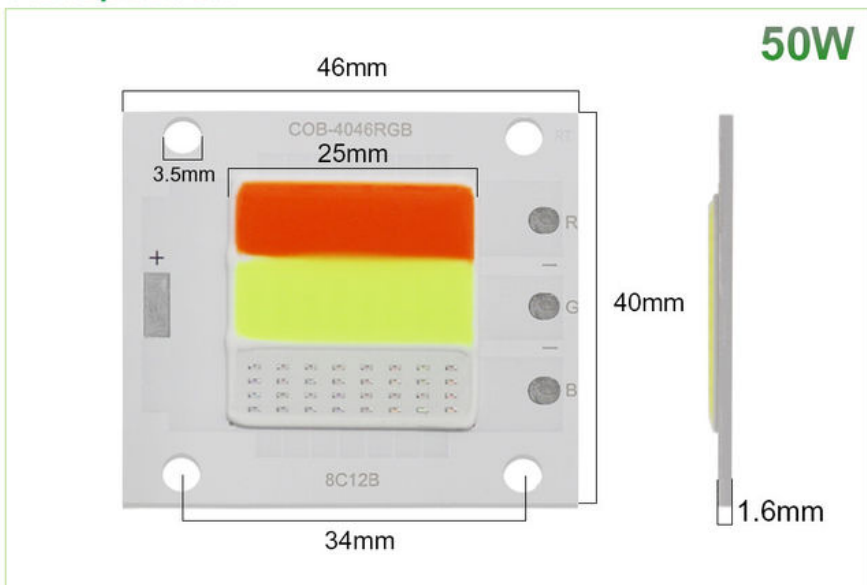


## ***Real Photo***



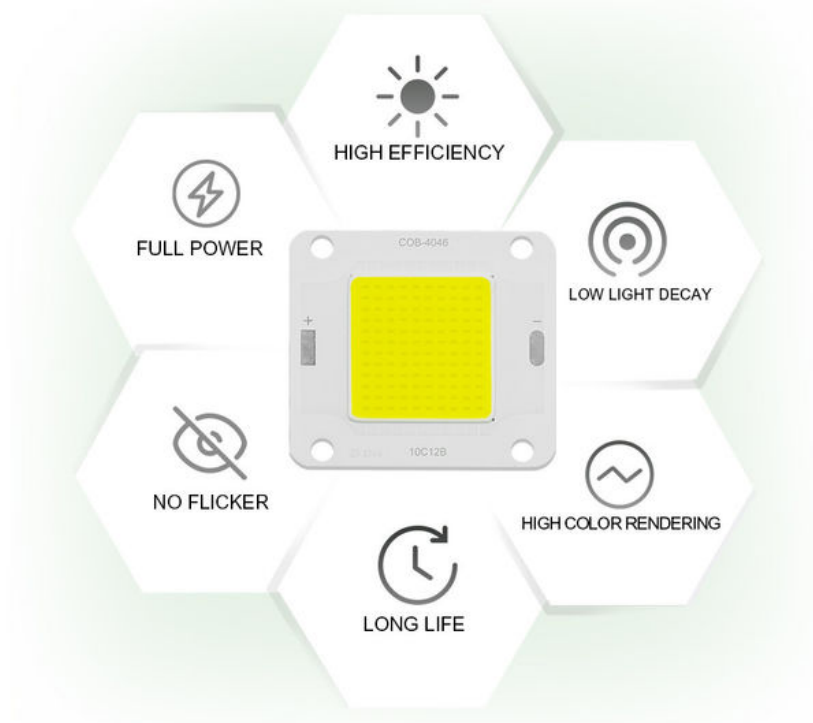


Model	COB-4046	Power	20W/30W/50W
Voltage	DC 30V	Chip Layout	10S12P
Size	40mm*46mm	CRI	80
Viewing angle	120°	Lumens	100lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	25mm*25mm	Board thickness	1.6mm



Model	COB-4046RGB	Power	50W
Voltage	DC 24V	Chip Layout	8S12P
Size	40mm*46mm	CRI	80
Viewing angle	120°	Lumens	100lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	25mm*25mm	Board thickness	1.6mm

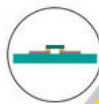
## Product Features



## Flip Chip Assembly



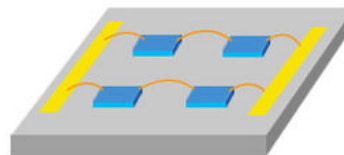
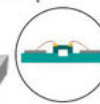
### Flip Chip



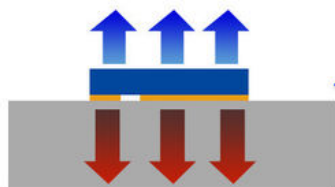
Free Wire Uniform Lumens

### Others

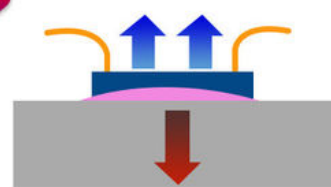
Wire Bonding Chip



Wire Block Chip



Solder paste welding Heat fast



Silver glue Heat slow



