

395nm UV 50W LED Chip 220V Welding Free COB LED Light Beads For Party Stage Lighting

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen
- Brand Name: Colighting
- Model Number: NEW5454
- 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

- Product Name: 50W LED Chip
- Lamp Power(W): 50W
- Model Number: 395nm UV
- Voltage: AC 220V-240V
- Size: 54mm*54mm*1.6mm
- Customization: Customized Logo(Min. Order 3000 Pieces), Customized Packaging(Min. Order 3000 Pieces), Graphic Customization(Min. Order 3000 Pieces)
- Lead Time: 1 - 1000pcs/7days, 1001 - 5000/15days, > 5000/To Be Negotiated
- Highlight: **Welding Free 50W LED Chip, 50W LED Chip 220V, DOB LED Light Beads**

for more products please visit us on cobledchip.com

Product Description

50W LED Chip 220V Welding Free COB LED Light Beads 395nm UV light source for Party Stage Lighting Glow in Dark Neon Lamp

Specifications:

1. Model: NEW 5454
2. Voltage: AC 220V-240V
3. Power: 20W/30W/50W
4. Luminous Flux: 100lm/W
5. CCT: 395nm UV
6. Hole size: 3.5 mm
7. Board Size: 54 mm*54 mm*1.6mm
8. Luminous Size: 25 mm*25 mm
9. Chip Size: 15*30 mils
10. Working Temperature: -20 °C~60°C
11. Lumen: 100lm/w
12. Application: Grow light/Floodlight
13. Customized: Please contact us



Features

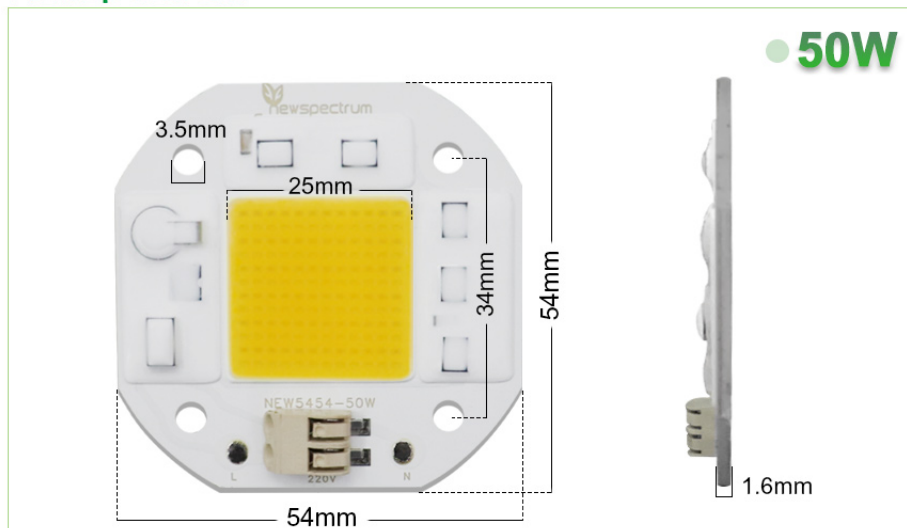
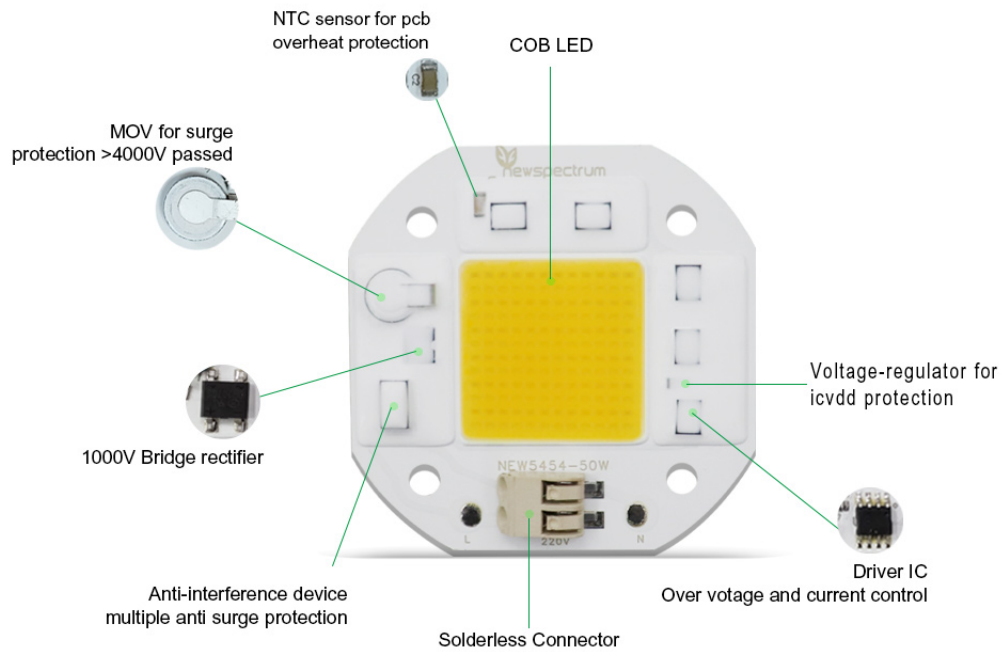
- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long life
- ②: High brightness, our LED chips are bigger than others
- ③: Smart IC Fit NO Driver
- ④: Constant current and constant power control
- ⑤: NTC sensor for pcb overheat protection
- ⑥: Voltage-regulator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

Ⓢ: 1000V Bridge rectifier

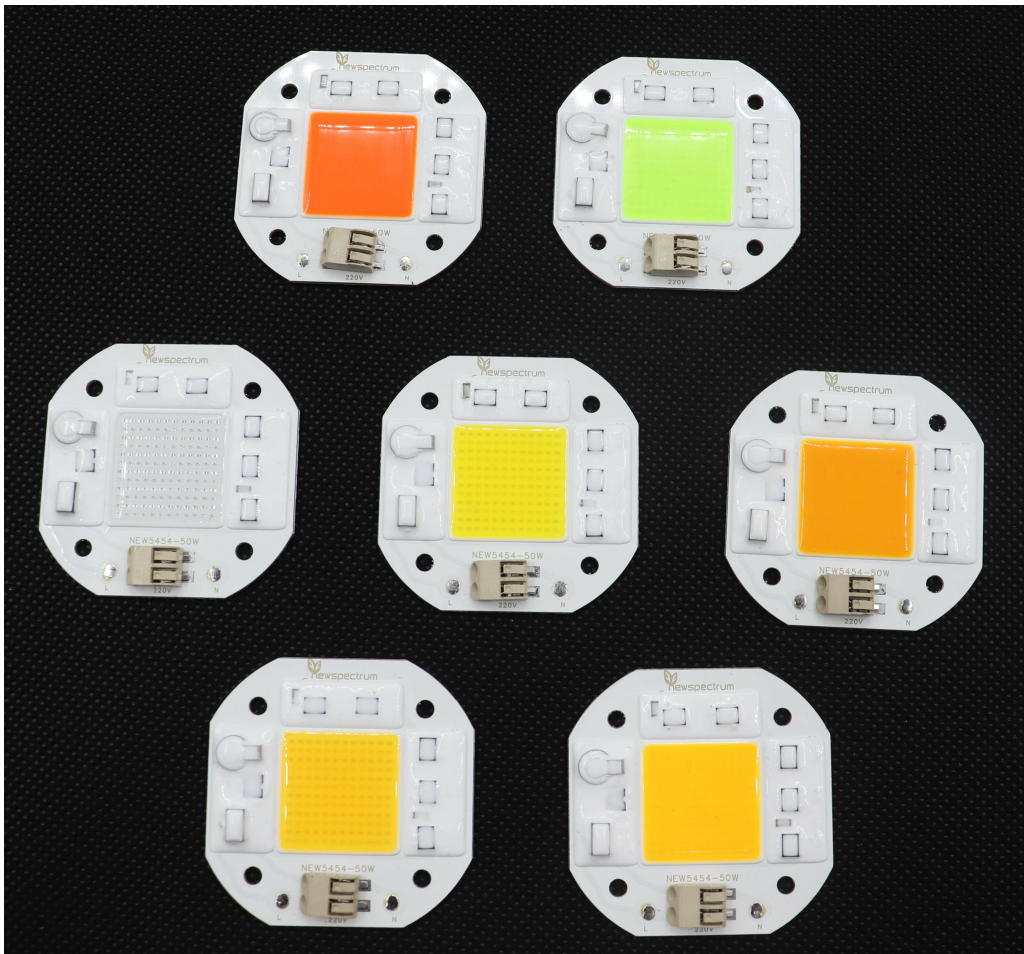
Specification

Power	20W	30W	50W
Voltage	AC220-240V(50Hz/60Hz)	AC220-240V(50Hz/60Hz)	AC220-240V(50Hz/60Hz)
Color	Cool/Warm White/Others	Cool/Warm White/Others	Cool/Warm White/Others
CRI (Ra)	70-80	70-80	70-80
CCT	1400-6500K	1400-6500K	1400-6500K
Luminous Flux	80 lm/W	80 lm/W	80 lm/W
Board Size	54 mm*54 mm	54 mm*54 mm	54 mm*54 mm
Luminous Size	25 mm*25 mm	25 mm*25 mm	25 mm*25 mm
Hole Distance	30 mm*30 mm	30 mm*30 mm	30 mm*30 mm
Working Temperatur	-20°C~60°C		
Customized	Color/Brightness/Logo/Others		
Application	Spotlights/Grow light/Floodlight		

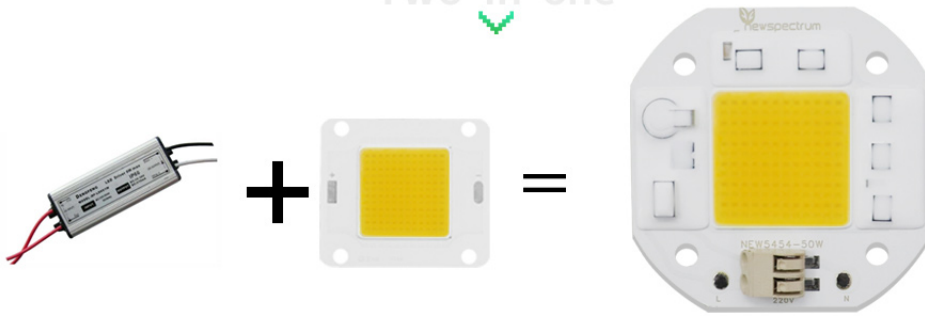
Product Details



Model	NEW5454-50W	Power	50W
Voltage	AC220-240V	CCT	3000-3500K
Size	54mm*54mm	CRI	80
Chip Size	15*30 mils	Lumens	100lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	25mm*25mm	Board thickness	1.6mm



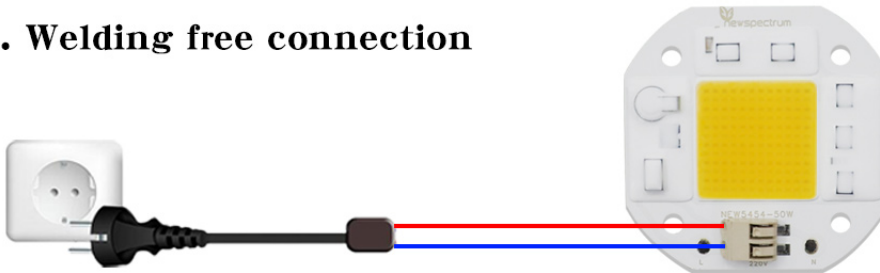
Two-in-one



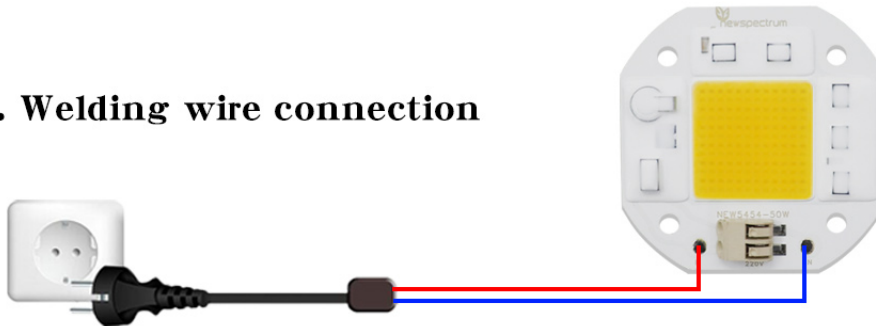
Smart ic no driver

Two connection modes

1. Welding free connection



2. Welding wire connection



CERTIFICART

Quality Assurance



Why heat dissipation faster?

A4: 1.6mm high thermal conductivity aluminum material



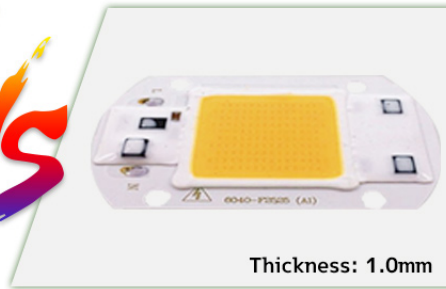
Ours



Thickness: 1.6mm



Others



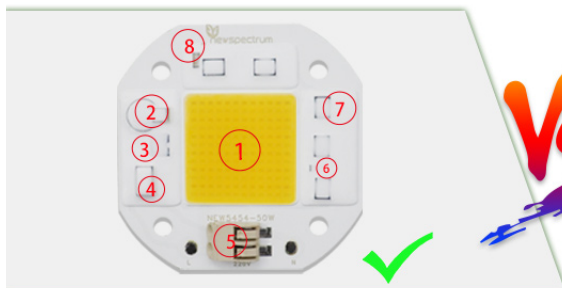
Thickness: 1.0mm

Why is it safer ?

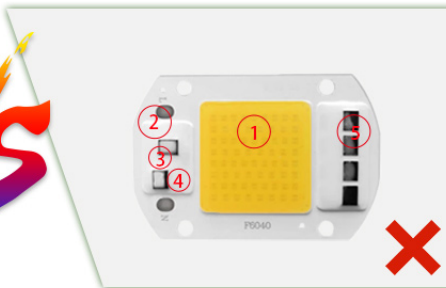
A5: More secure with multiple protections



Ours



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)	No
Solderless Connector	(5)	No
Voltage-regulator for icvdd protection	(6)	No
Driver IC over voltage and current control	(7)	No
NTC sensor for pcb overheat protection	(8)	No



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



Flip chip led solution

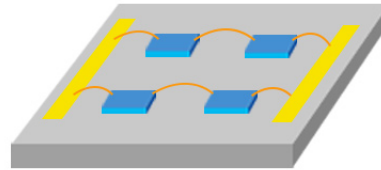
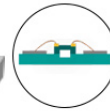


Top reliability / Long life time

Others

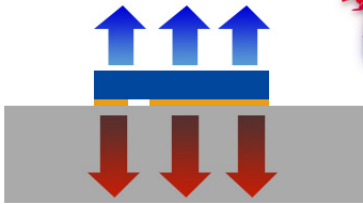


Wire bonding led solution

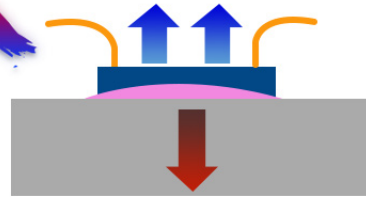


Low reliability / Low Production Yield

PK



High heat dissipation performance



Low heat dissipation performance

Solderless Connector

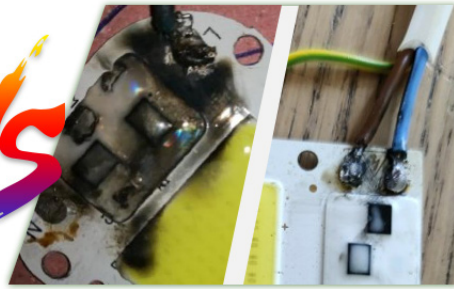
A1 : Solderless connector, safe and convenient



Ours



Others



Why is the quality better ?

A2: There are components that other suppliers don't have



Ours



Others



Why is it brighter ?

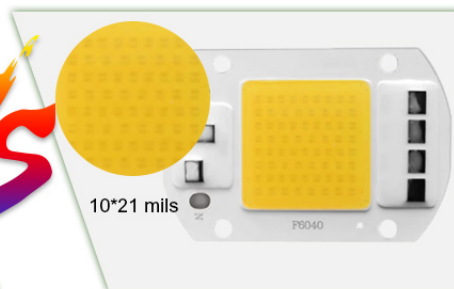
A3: LED chips 3 times bigger than others



Ours



Others



FAQ

Q1: 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.

Q2: Do you have any MOQ limited?

A: Low MOQ, 1 pcs to test is available.

Q3: How long is the lead time?

A: Sample in stock: 1-3 days. Customized production: 7-15 days depend on the order quantity.

Q4: 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 the fee 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