

Solderless Chip On Board Led COB 50W 220V For Floodlight Downlight

Our Product Introduction

for more products please visit us on cobledchip.com

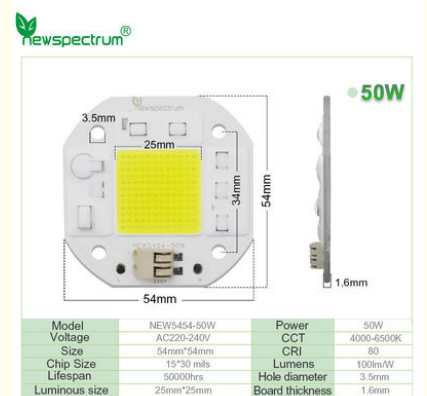
Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW 5454
- Minimum Order Quantity: 100pcs
- 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
- Supply Ability: 50000pcs/day

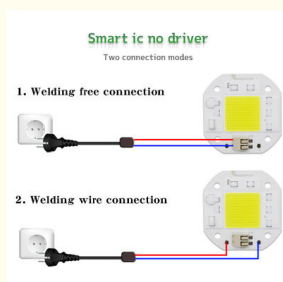


Product Specification

- Power: 50W
- Voltage: AC220-240V
- Size: 54mm*54mm
- CCT: 6000K
- Hole Diameter: 3.5mm
- Chip Size: 15*30 Mils
- Highlight: Solderless Chip On Board Led, 50W Chip On Board Led, Solderless Chip LED COB



More Images



Product Description

Newspectrum 5454 20W 30W Solderless Connector Downlight Spotlight COB Module LED COB 50W 220V

Specifications:

1. Model:NEW 5454
2. Voltage:AC 220V-240V
3. Power:20W/30W/50W
4. Luminous Flux:100lm/W
5. CRI:80
6. Hole size:3.5 mm
7. Board Size:54 mm*54 mm
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

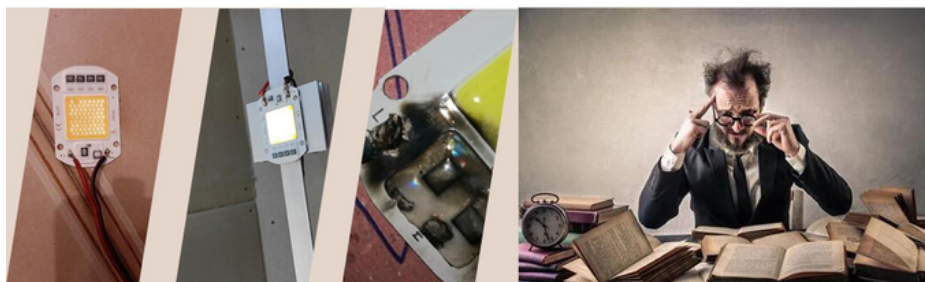
Ⓢ: 1000V Bridge rectifier

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 | | |

Are you still worrying these problem?

Short circuit? Burn out? Poor quality?



Don't worry !

Newspectrum LED CHIP

BENEFIT YOUR LIFE



CUSTOMIZED

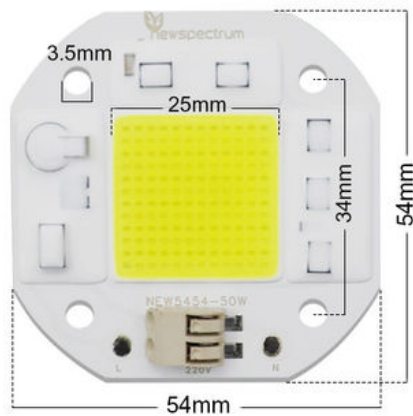
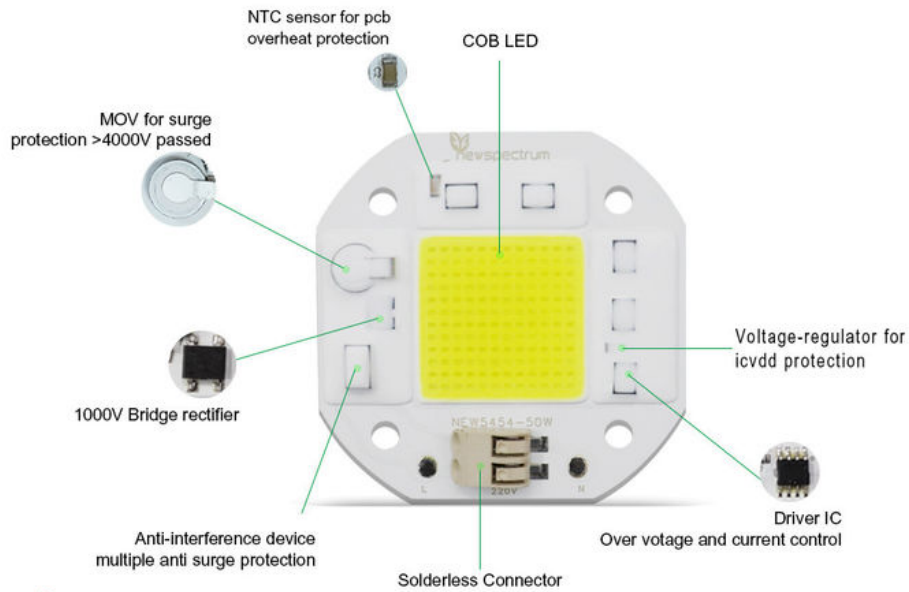
Focus on AC/COB 10 Years



Packing



Product Details

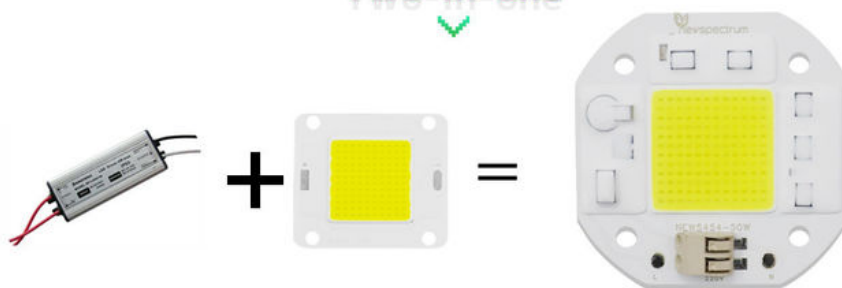


● 50W



| | | | |
|---------------|-------------|-----------------|------------|
| Model | NEW5454-50W | Power | 50W |
| Voltage | AC220-240V | CCT | 4000-6500K |
| 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 |

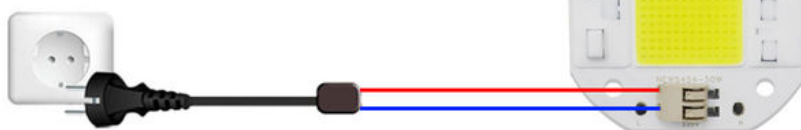
Two-in-one



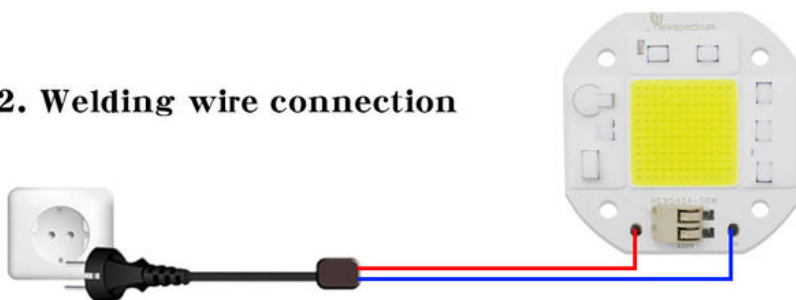
Smart ic no driver

Two connection modes

1. Welding free connection



2. Welding wire connection



CERTIFICART

Quality Assurance



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



Don't have

Why is it brighter ?

A3: LED chips 3 times bigger than others



Ours



Others



Why heat dissipation faster?

A4:1.6mm high thermal conductivity aluminum material



Ours



Thickness: 1.6mm



Others



Thickness: 1.0mm

Why is it safer ?

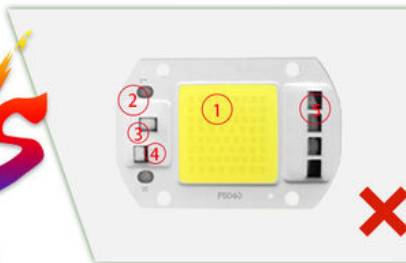
A5:More secure with multiple protections



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 votage and current control | (7) | No |
| NTC sensor for pcb overheat protection | (8) | No |

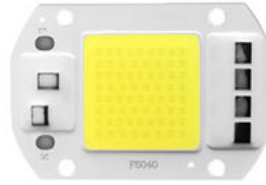


Flip chip led solution

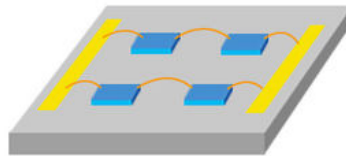
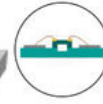


Top reliability / Long life time

Others



Wire bonding led solution



Low reliability / Low Production Yield



High heat dissipation performance

Low heat dissipation performance

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.



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