

## 380nm-840nm Solderless Cob Chip On Board Full Spectrum Without Driver

Our Product Introduction

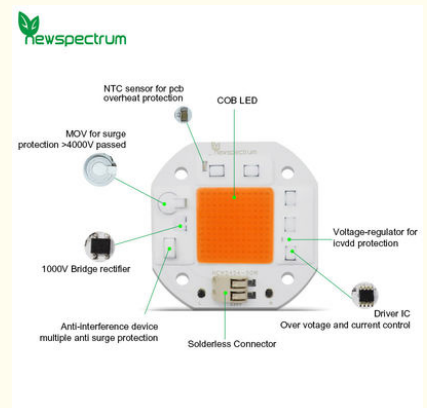
### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW5454
- 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
- Supply Ability: 50000pcs/day

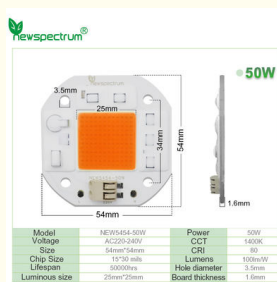


### Product Specification

- Lamp Power(W): 20W, 30W, 50W
- Voltage: AC220-240V
- Size: 54mm\*54mm
- CCT: 1400K
- Product Name: Horticulture COB
- Application: Led Grow Light
- Highlight: Solderless Cob Chip On Board, 380nm Cob Chip On Board



### More Images



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

## Product Description

**Newspectrum 5454 3000k 20W 30W Solderless Connector Down light Spotlight COB Module LED COB 50W 220V**  
Solderless LED Chip COB Without Driver 50W Full Spectrum 380-840nm COB AC 220V For DIY Plant Light Floodlights

## Specifications:

1. Model: NEW5454
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. Application: Grow light/Floodlight
12. Customized: Please contact us



## Features

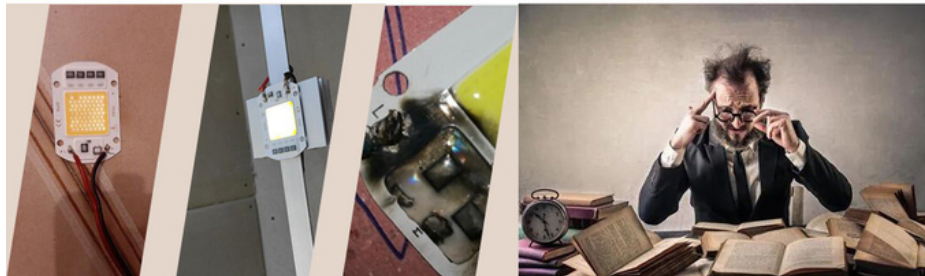
- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long life
- ②: High brightness, our LED chips are bigger than others
- ③: Smart IC Fit NO Driver
- ④: Constant current and constant power control
- ⑤: NTC sensor for pcb overheat protection
- ⑥: Voltage-regulator 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
- ⑩: 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	100 lm/W	100 lm/W	100 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	34 mm*34 mm	34 mm*34 mm	34 mm*34 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

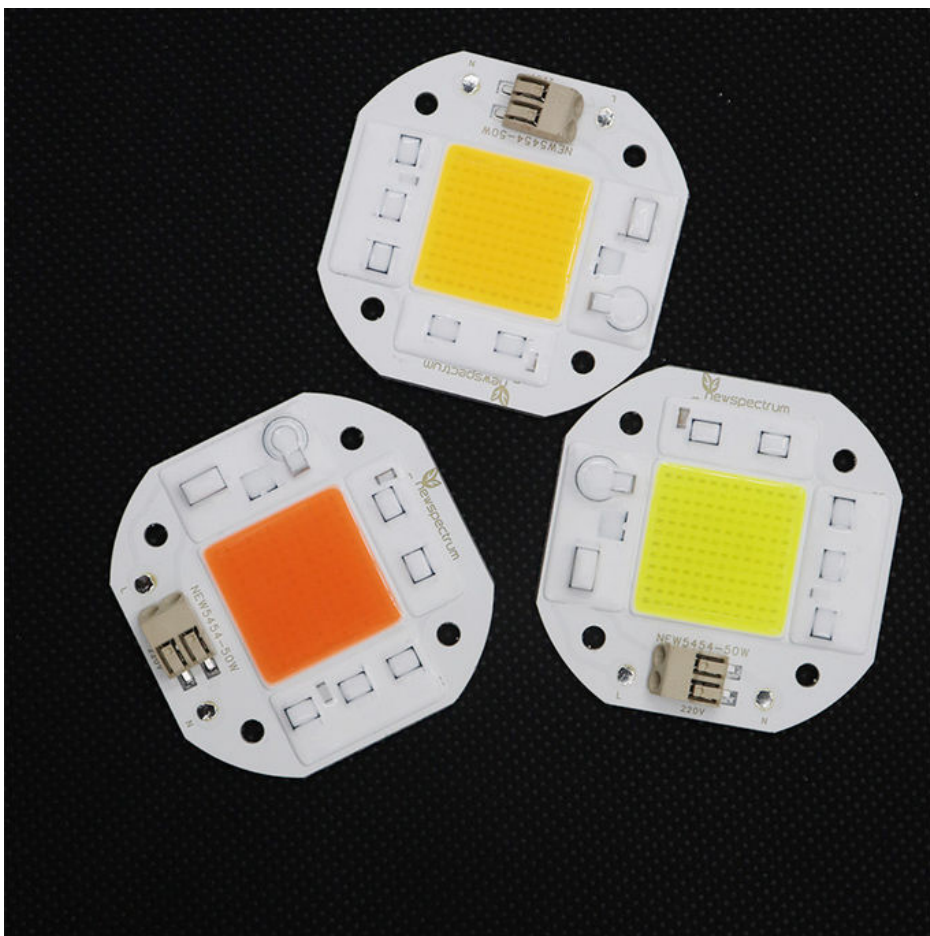
Full Power

High Lumens

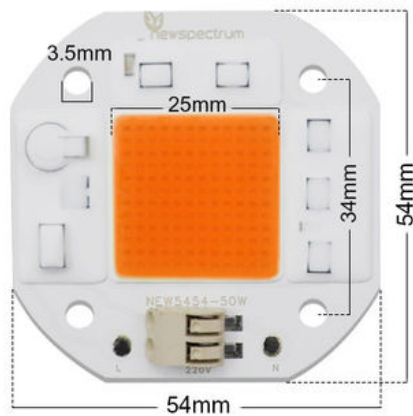
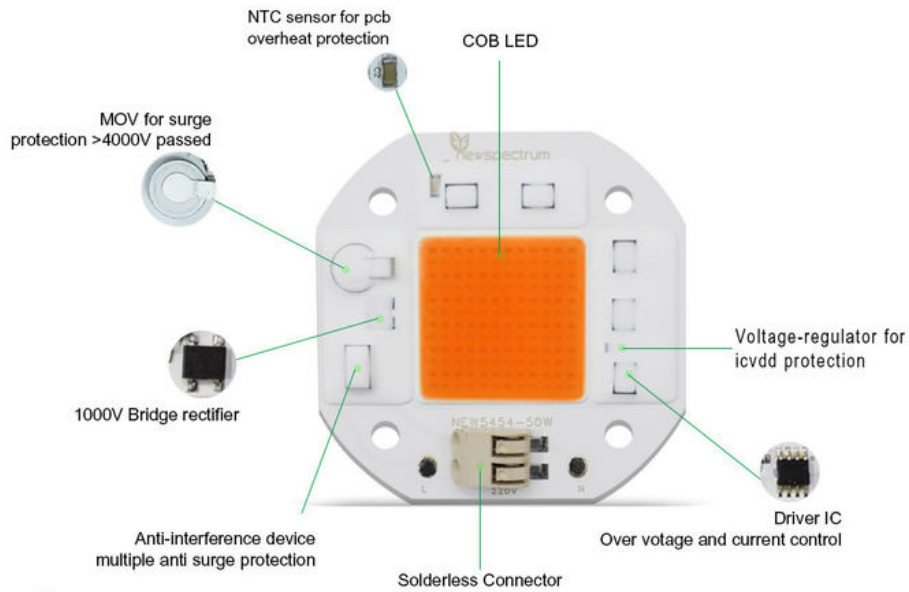
4KV Surge Protection

Life Guarantee





## Product Details

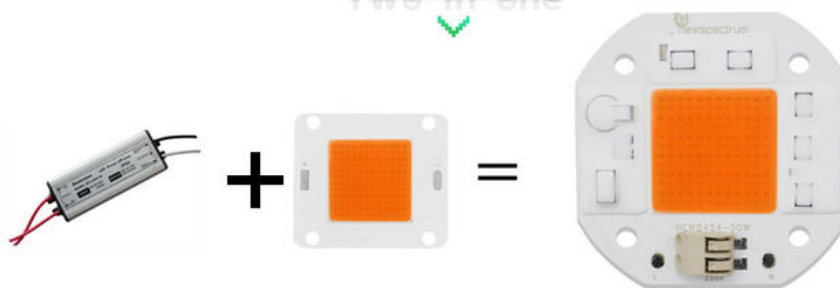


● 50W



Model	NEW5454-50W	Power	50W
Voltage	AC220-240V	CCT	1400K
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

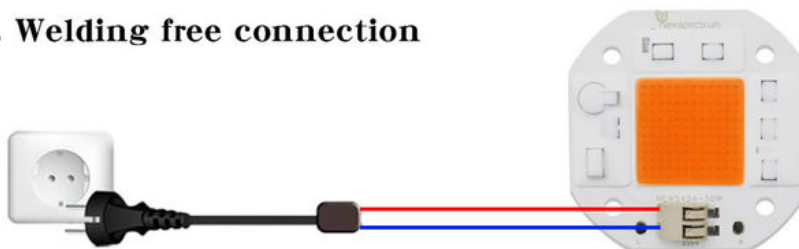
Two-in-one



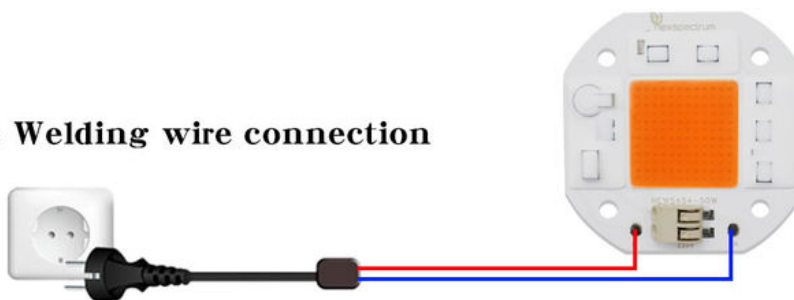
Smart ic no driver

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 ?

15\*30 mils

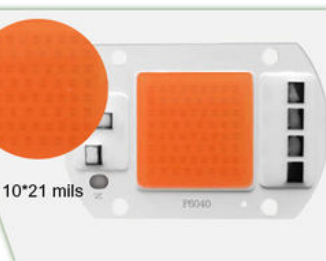
A3: LED chips 3 times bigger than others



Ours



Others





## Why heat dissipation faster?

A4:1.6mm high thermal conductivity aluminum material



Ours



Others

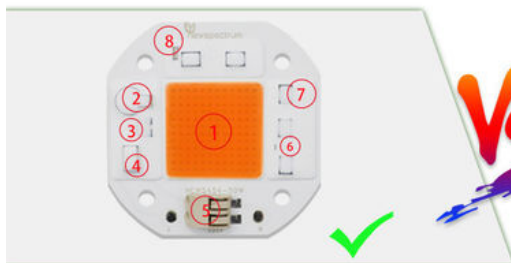


## Why is it safer ?

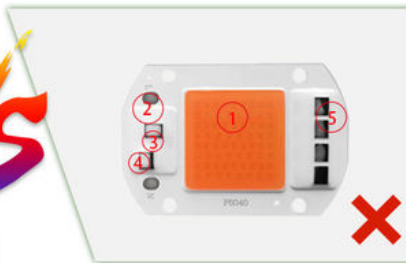
A5:More secure with multiple protections



Ours

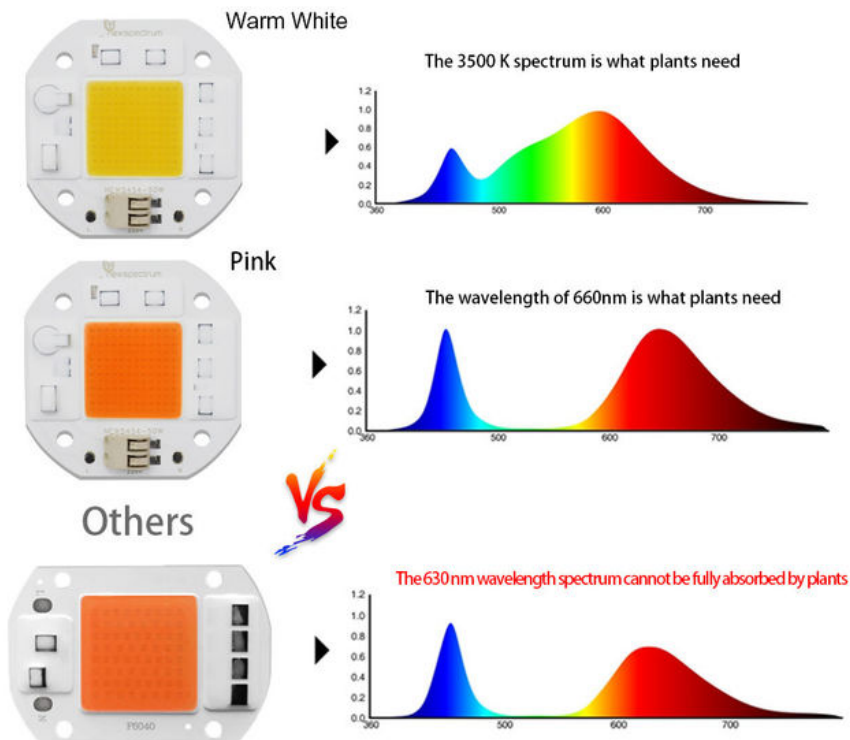


Others



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





## 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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