

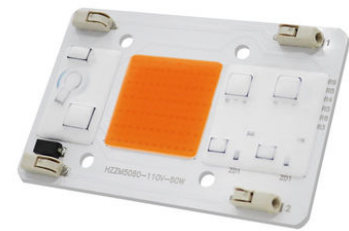
## Solderless Led Lamp Beads AC COB 80W Integrated Projection Light Chip

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW 5080
- Minimum Order Quantity: 100pcs
- Packaging Details: Antistatic bag, boxes in carton.
- Delivery Time: 5-8 work days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100000pcs/day

newspectrum®



### Product Specification

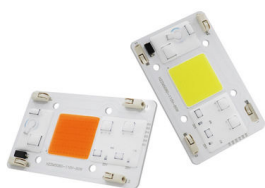
- Model: HZZM5080-110V-80W
- Overall Dimensions: 50 \* 80 (mm)
- Luminous Surface Size: 25 \* 25 (mm)
- Power: 80W
- Color Rendering Index: 70-80
- Luminous Flux: 8000 (lm)
- Highlight: Solderless Led Lamp Beads, 80W Led Lamp Beads

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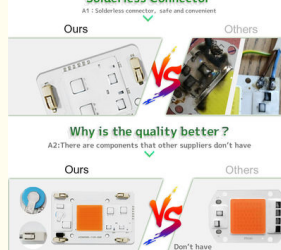


### More Images

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#### Solderless Connector



#### Product Details



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80W			
Model	HZZM5080-110V-80W	Power	80W
Voltage	AC110-120V	CCT	1400K
Size	80mm*50mm	CRI	80
Viewing angle	120°	Lumens	100lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	25mm*25mm	Board thickness	1.6mm

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

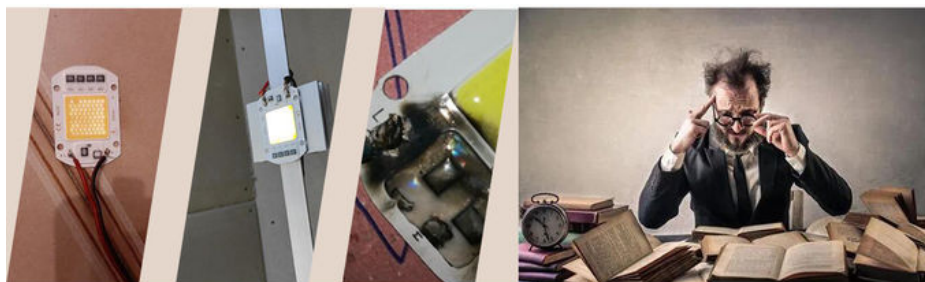
## Product Description

# Solderless AC COB 80W driver free COB light source LED bead linear light engine integrated projection light chip

model  
HZZM5080-110V-80W  
Overall dimensions  
50 \* 80 (mm)  
Luminous surface size  
25 \* 25 (mm)  
power  
80 (W)  
Color rendering index  
70-80  
Luminous flux  
8000 (lm)  
Forward voltage  
120 (V)  
Reverse voltage  
120 (V)  
Electrostatic breakdown voltage (ESD)  
2000 (V)  
Rated current  
0.67 (A)  
Chip brand  
San An  
Chip size  
2235 (mil)  
Fluorescent powder brand  
brill  
Glue brand  
Shinyue, Japan  
Wire material  
nothing  
Substrate material  
Superconducting aluminum  
Luminous angle  
120 °  
luminous efficiency  
100 (lm/W)  
Color tolerance  
5 (SDCN)  
thermal resistance  
≤ 10 (°/W)  
Maximum allowable junction temperature  
120 °  
Voltage temperature coefficient  
60 (mV/° C)  
1000 hours of routine aging  
103%  
6000 hours of routine aging  
100%  
Did you pass the LM-80 test  
no  
Color temperature range  
3000-6500 (K)

## Are you still worrying these problem?

Short circuit? Burn out? Poor quality?



Don't worry !

### Newspectrum LED CHIP

CHANGE YOUR LIFE



Full Power



High Lumens



4KV Surge Protection



Life Guarantee

## ☆ Promote plant growth



**Before**

**After**

***Increase Color***



***Promote Growth***



***Increase Production***





## 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



Chips Size 15\*30



Others



Chips Size 5\*10

## Why heat dissipation faster?

A4:1.6mm high thermal conductivity aluminum material



Ours

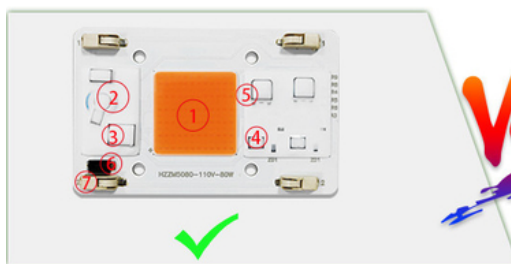


Others



## Why is it safer ?

A5: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
Driver IC over votage and current control	(4)	No
Constant current and constant power control	(5)	No
Winding resistors,safety devices	(6)	No
Solderless Connector	(7)	No
Can DIY the power	(8)	Can't

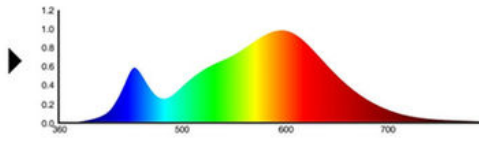
# WHY CHOOSE Newspectrum ?

Really effective plant spectrum



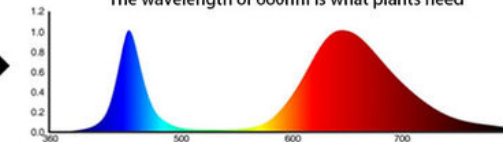
Warm White

The 3500 K spectrum is what plants need



Pink

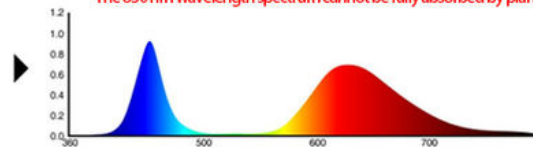
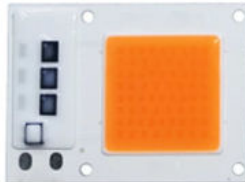
The wavelength of 660nm is what plants need



Others



The 630nm wavelength spectrum cannot be fully absorbed by plants



## DRIVER LESS COB LED CHIP

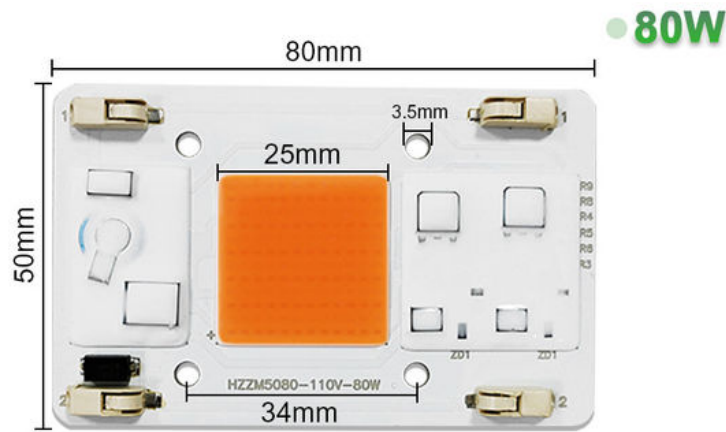
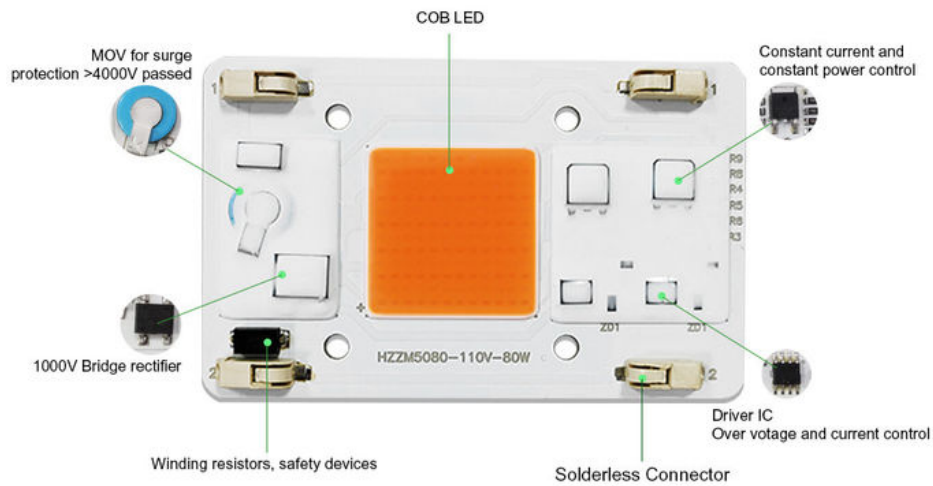
Flip Chip Led Assembly Technology



110V 80W



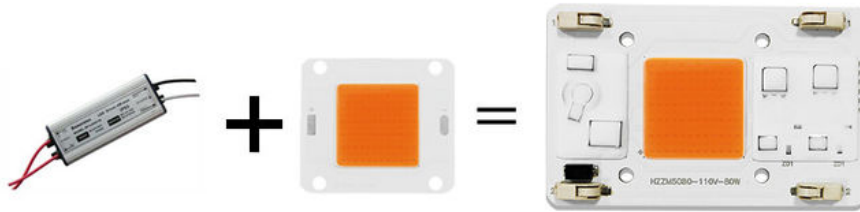
## Product Details



Model	HZZM5080-110V-80W	Power	80W
Voltage	AC110-130V	CCT	1400K
Size	80mm*50mm	CRI	80
Viewing angle	120°	Lumens	100lm/W
Lifespan	50000hrs	Hole diameter	3.5mm
Luminous size	25mm*25mm	Board thickness	1.6mm



Two-in-one



DIY THE POWER

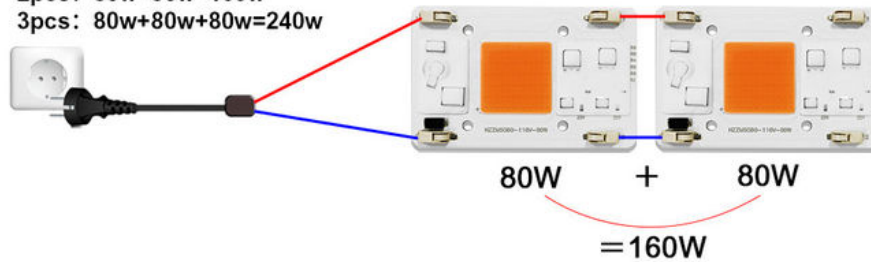
Smart ic no driver

You can connect them to make different watts

1pcs: 80w

2pcs: 80w+80w=160w

3pcs: 80w+80w+80w=240w



CERTIFICART

Quality Assurance



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