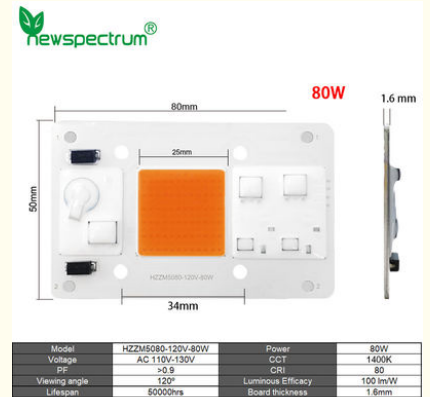


110V Solderless High Power Cob Led 80W High Luminous Efficiency

Our Product Introduction

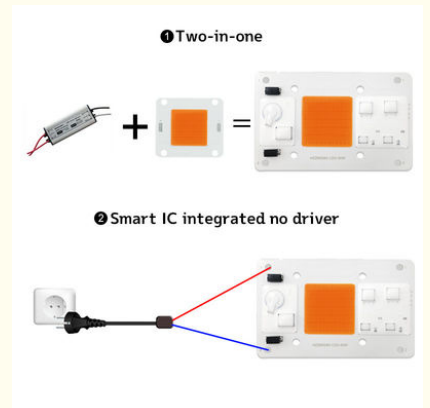
Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW 5080
- 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: 100000pcs/day

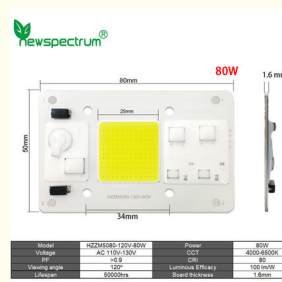
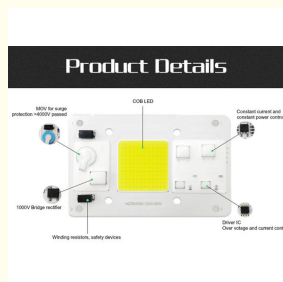
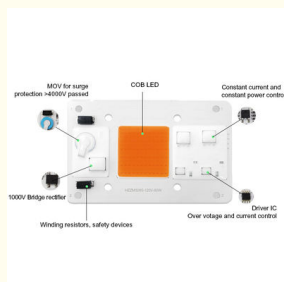


Product Specification

- Voltage: 120V
- Size: 50*80mm
- Luminous Surface Size: 25mm*25mm
- Luminous Flux: 8000lm
- Chip Size: 2235 (mil)
- Luminous Angle: 120 °
- Highlight: Solderless High Power Cob Led,
80W High Power Cob Led,
High Luminous Efficiency High Power Cob



More Images



for more products please visit us on cobledchip.com

Product Description

110V solderless high-voltage non driving light source, 80W high luminous efficiency AC COB bead LED light source

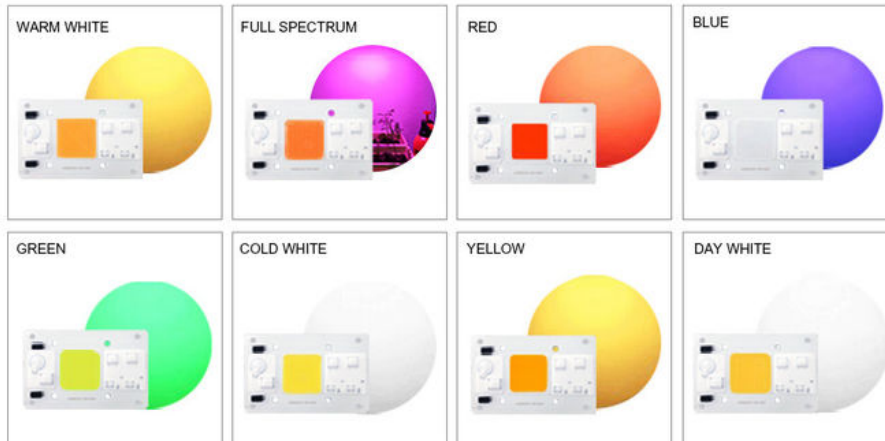
model
HZZM5080-110V-80W
Overall dimensions
50 * 80 (mm)
Luminous surface size
25 * 25 (mm)
power
80 (W)
Color rendering index
70-80
Luminous flux
8000 (lm)
Forward voltage
120 (V)
Reverse voltage
120 (V)
Electrostatic breakdown voltage (ESD)
2000 (V)
Rated current
0.67 (A)
Chip brand
San An
Chip size
2235 (mil)
Fluorescent powder brand
Internet
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
99%
Did you pass the LM-80 test
no
Color temperature range
3000-6500 (K)

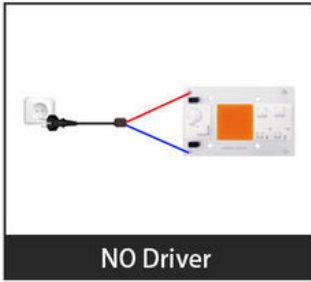
Customized

Brightness

Color

LOGO

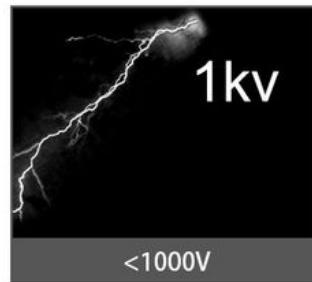




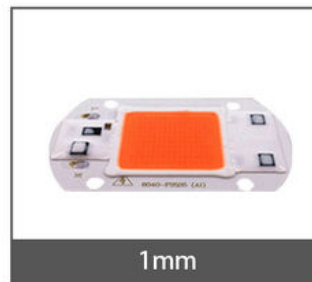
Driver



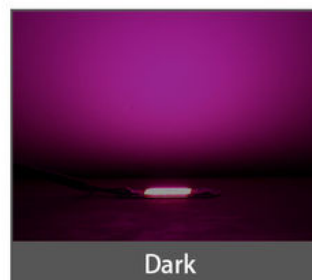
Anti surge



Thickness

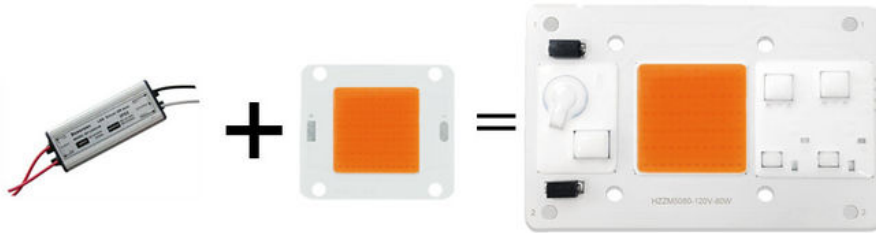


Brightness

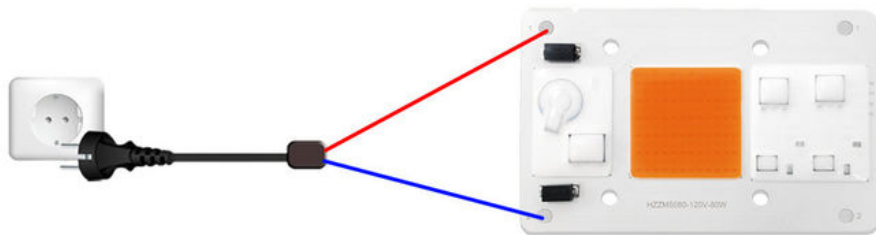


New Technology

① Two-in-one



② Smart IC integrated no driver



③ Led Flip Chip Assembly Technology



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

Application Scenarios



FLOWER PLANT



GREENHOUSE PLANT

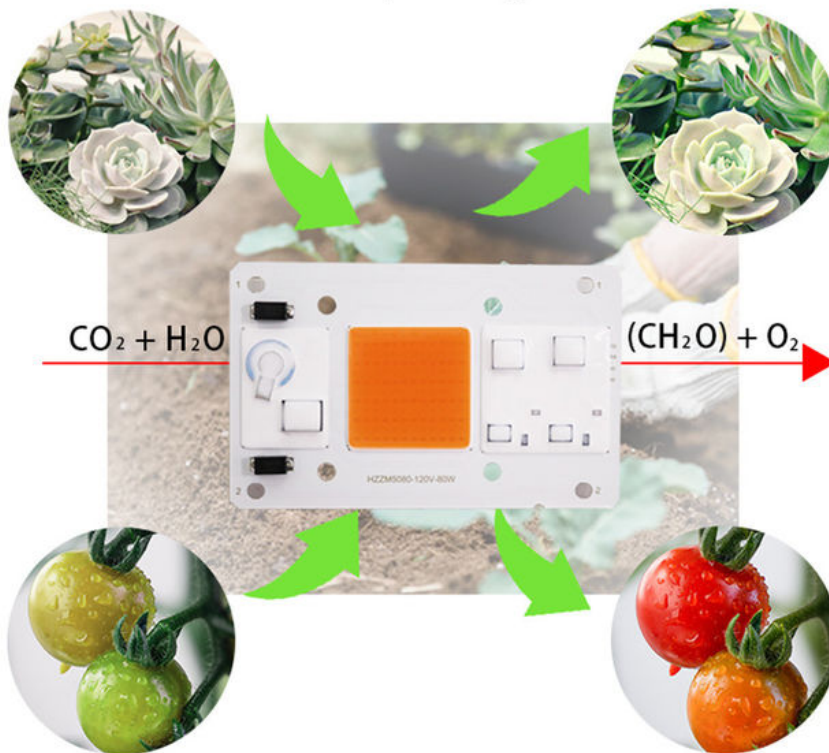


HYDROPONIC PLANT



INDOOR PLANT

☆ Promote plant growth



How to choose spectrum

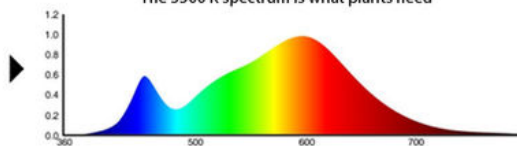
Full Spectrum In Stock



Warm White



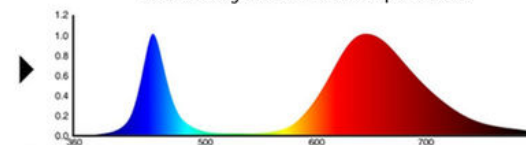
The 3500 K spectrum is what plants need



Pink



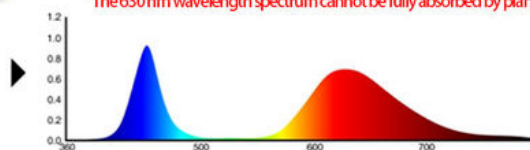
The wavelength of 660nm is what plants need

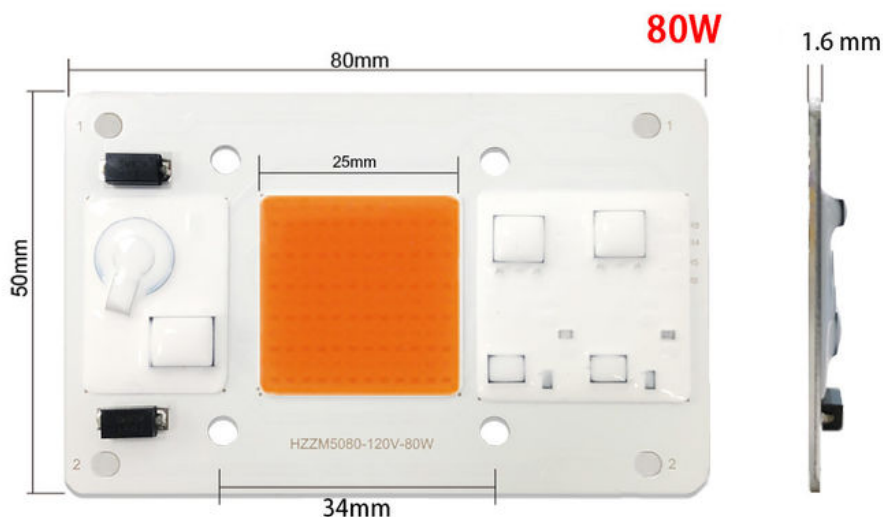


Others



The 630 nm wavelength spectrum cannot be fully absorbed by plants





Model	HZZM5080-120V-80W	Power	80W
Voltage	AC 110V-130V	CCT	1400K
PF	>0.9	CRI	80
Viewing angle	120°	Luminous Efficacy	100 lm/W
Lifespan	50000hrs	Board thickness	1.6mm

Product Details

