Driverless 50w Led Module

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: NEW 4060
- 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
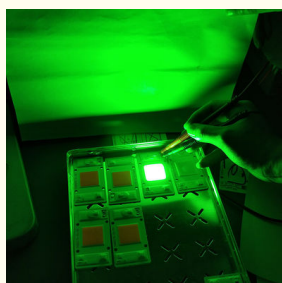- Supply Ability: 100000pcs/day

Product Specification

- Luminous Intensity: 100-1000lm
- Power Supply: 220V
- Viewing Angle: 120°
- Wavelength: R:620-625nm, G:520-525nm, B:460-465nm
- Package: Anti-static Bag
- Product Name: RGB LED Module
- Power: 50W
- LED Type: RGB
- Highlight: **Driverless 50w Led Module**, **Solderless 50w Led Module**, **Driverless RGB LED Module**

More Images

Product Description:

RGB LED Unit With 120° Viewing Angle And 100-1000lm Luminous Intensity
This RGB LED Module is an ideal colour LED unit for your lighting needs. It offers a bright and vibrant colour light module that operates between 2.2V and 5.5V, with a maximum current consumption of 20mA and an impressive 50W power output. With its advanced features and impressive performance, this RGB LED Module is designed to last and comes with a 1 year warranty. Whether you are looking for a colour light module for your home or commercial lighting needs, this RGB LED Module is sure to meet your requirements.

Applications:

RGB LED Module is an efficient and multifunctional LED unit module with three LEDs for a variety of applications. It is designed with red, green and blue LED chips with a wavelength range of R: 620-625nm, G: 520-525nm and B: 460-465nm. Its RGB LED unit is perfect for creating a wide range of colours and effects. It is easy to install and is durable and reliable with a 1 year warranty. It is ideal for lighting applications such as stage, theatre, dance floors, walls, ceilings and more. It is a great choice for anyone who needs to create a unique and colourful atmosphere in any setting.

Customization:

Customization Service for RGB LED Module

Our RGB LED Unit is perfect for your lighting projects, providing a Tri-Colour Module with a voltage range of 2.2V-5.5V, number of LEDs 3, dimensions 20mm X 20mm X 5mm, LED Type RGB and a 120° viewing angle.

Support and Services:

Technical Support and Service for RGB LED Module

We provide 24/7 technical support for all of RGB LED Module products.
We guarantee fast and reliable customer service for all of our customers.
We provide free repair and replacement services for any defective products.
We will provide free technical consultation for any installation or usage related questions.
We will provide software and firmware updates upon request.
We will also provide customized services for any special requests.

Packing and Shipping:
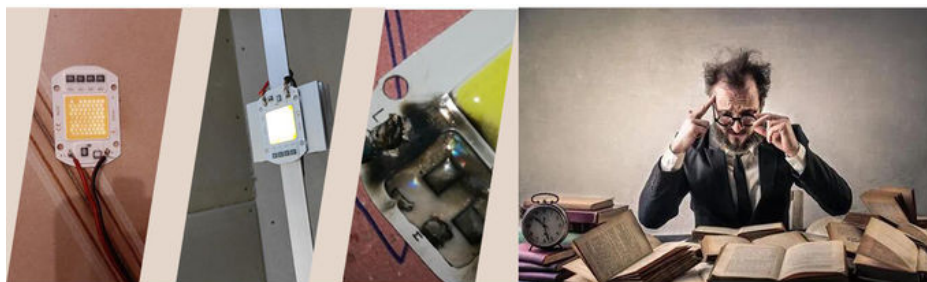
Packaging and Shipping for RGB LED Module

The RGB LED Module is individually wrapped in bubble wrap and placed in a sturdy box.
Shipping will be done via a reliable carrier with tracking number.
The package will be marked "Fragile" to ensure safe handling during transit.

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**

Two-in-one
smart ic fit no driver

Need power and Welding

+ ✖

Driverless and Solderless

✔

Product Features

Intelligent-control circuit component safe reliable high quality

High quality light-emitting chip long service life

Durable aluminum substrate provide great heat dissipation effect

Smart IC chip miniaturization intelligent extend product's lifespan

Why is the quality better ?

A1:There are components that other suppliers don't have

Ours

Others

VS

Don't have

Why is it brighter ?

A2:LED chips 3 times bigger than others

Ours

Others

Chips Size 15*30

VS

Chips Size 5*10

newspectrum®

LED CHIPS
For in floodlight / grow light chip

20W
6000K

30W
3000K

50W
380-840nm

50W
6700K

Product Details

COB LED

MOV for surge
protection >4000V passed

NTC sensor for pcb
overheat protection

NEW4060-50W

1000V Bridge rectifier

Anti-interference device
multiple anti surge protection

Driver IC
Over votage and current control

newspectrum®

3.5mm

NEW4060-50W

25mm

34mm

40mm

60mm

1.6mm

4.0mm

20W

30W

50W
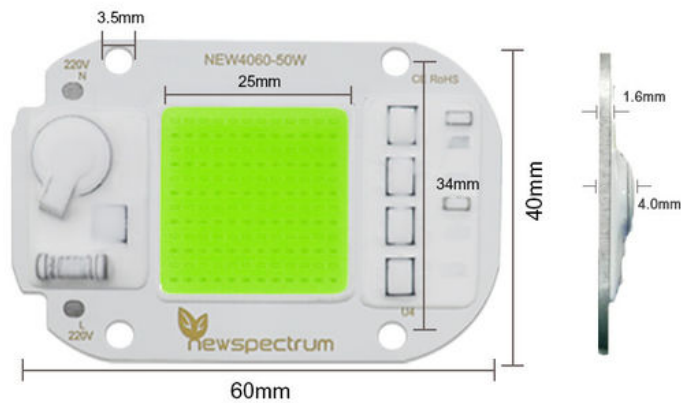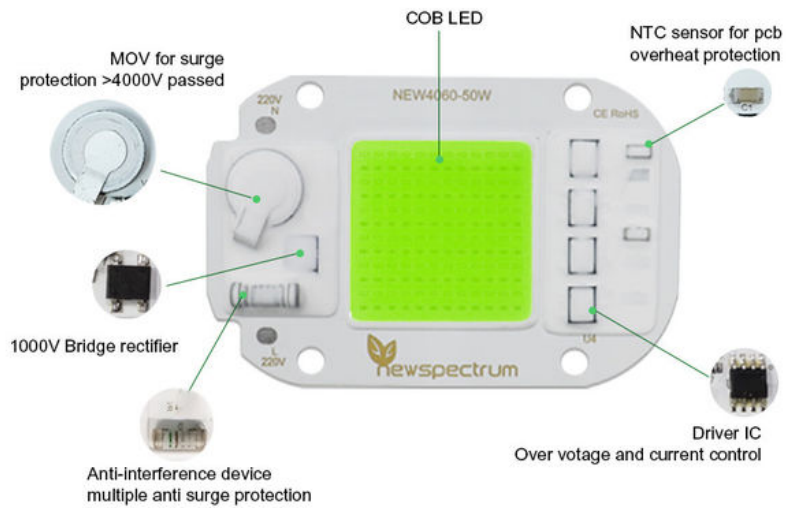
Voltage	220V-240V(50~60Hz)		
Power	20W	30W	50W
CCT	Green(525nm)		
Application	Landscape Lighting		

Why heat dissipation faster?

A3:1.6mm high thermal conductivity aluminum material

Ours

Thickness: 1.6mm

Others

Thickness: 1.0mm

Why is it safer ?

A4:More secure with multiple protections
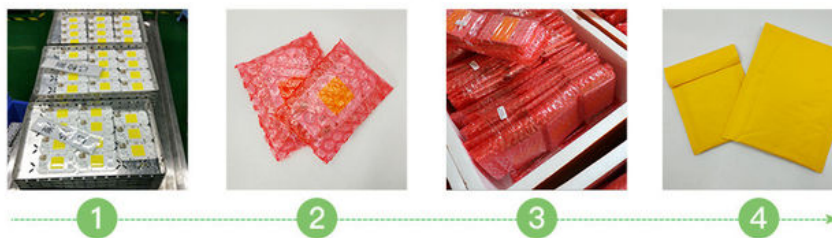
Chips are bigger than others	**(1)**	Ordinary chip
Mov for surge protection>4000V passed	**(2)**	Mov for surge protection<1000V passed
1000V bridge rectifier	**(3)**	500V bridge rectifier
Anti-interference device multiple anti surge protection	**(4)**	No
Constant current and constant power control	**(5)**	Unstable output power current
NTC sensor for pcb overheat protection	**(6)**	No
Can use led dimmer or SCR dimmer to dimming it	**(7)**	Can't dimming

CUSTOMIZED

Focus on AC/COB **10** Years

Nature White	Warm White	Green	Blue
Golden Yellow	Amber	Pink	Red

*Please contact us

● Brightness ● Colour ● LOGO

Packing

① ② ③ ④

Application scenarios

Home lighting | Stadium lighting | Square lighting
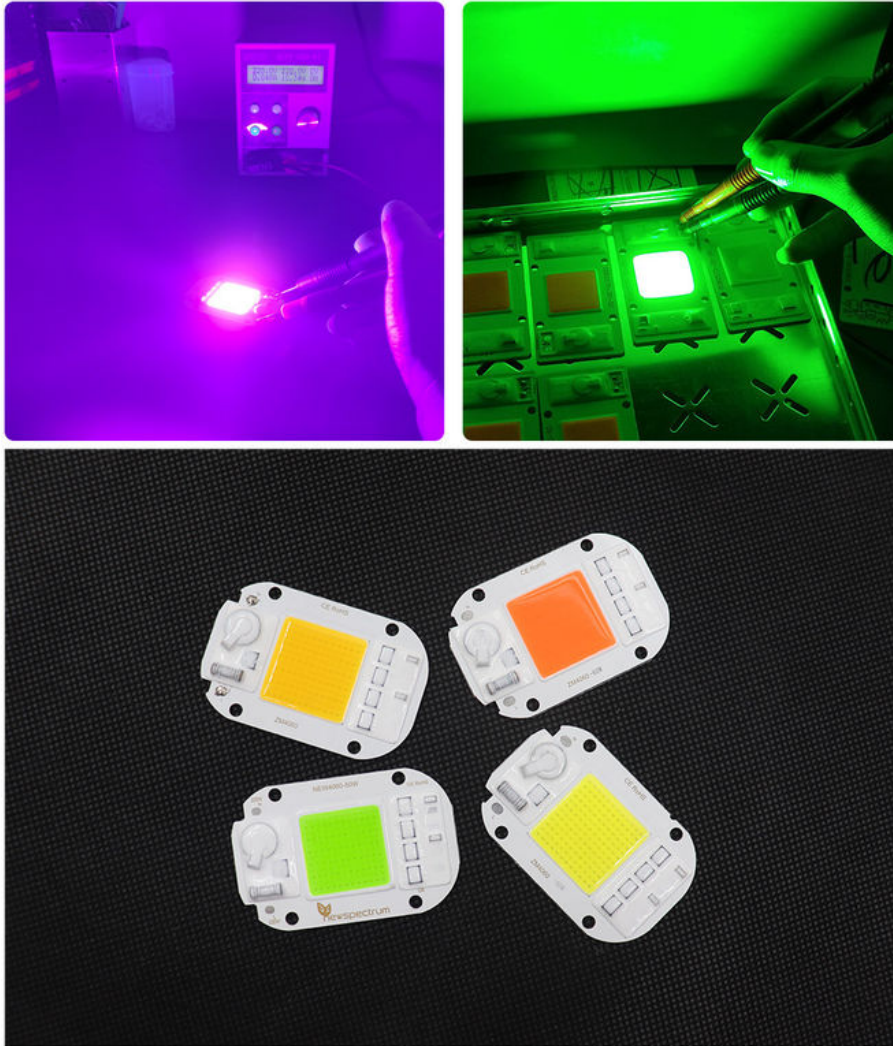
Warehouse lighting | Tree lighting | Advertising lighting

Real Photo

CERTIFICART
Quality Assurance

FAQ:

Q: What is a RGB LED module?

A: A RGB LED module is an electronic device that consists of an LED that can emit red, green, and blue light. It is commonly used in product design, lighting, and display applications.

Q: How does a RGB LED module work?

A: A RGB LED module works by combining three LED chips (red, green, and blue) into one module. The module is then powered by an electrical current which allows it to emit different colors when different combinations of the LED chips are lit up.

Q: What are the benefits of using a RGB LED module?

A: RGB LED modules offer a wide range of benefits, including improved energy efficiency, better color control, lower cost, and better design flexibility.

Q: What kinds of applications are RGB LED modules used for?

A: RGB LED modules are commonly used for product design, lighting, and display applications. They are also used in automotive lighting, medical lighting, and other various applications.

Q: What types of RGB LED modules are available?

A: There are a variety of RGB LED modules available, including multi-color, single-color, and RGBW. Depending on the application, each type has its own specific benefits and features.