

Surge Protection Smart LED Module Driverless High Brightness 12W LED Chip

Our Product Introduction

Basic Information

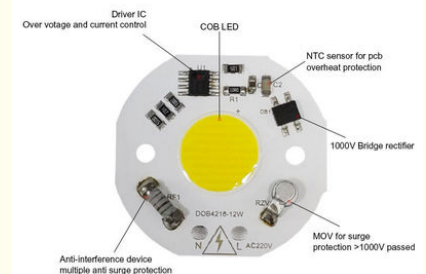
- Place of Origin: Shenzhen
- Brand Name: newspectrum
- Model Number: DOB4216-12W
- Minimum Order Quantity: 100pcs
- Price: Negotiable
- Packaging Details: Antistatic bag, boxes in carton.
- Delivery Time: 1-3 workdays
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 50000pcs/m



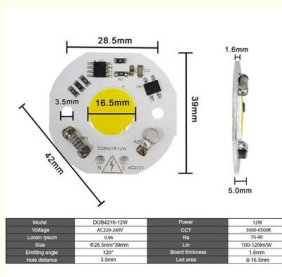
Product Specification

- Product Name: Smart LED Module
- Lamp Power(W): 12W
- Model Number: Full Specturm(Pink), Warm White(3000K), Cool White(6000K)
- Samples: 12 DOB-4216
- Lead Time: 1 - 1000pcs/7days, 1001 - 5000/15days, > 5000/To Be Negotiated
- Customization: Customized Logo(Min. Order 3000 Pieces), Customized Packaging(Min. Order 3000 Pieces), Graphic Customization(Min. Order 3000 Pieces)
- Highlight: **Driverless Smart LED Module, Driverless 12W LED Chip, High Brightness 12W LED Chip**

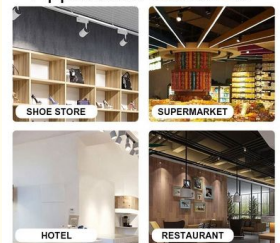
Product Details



More Images



Application Scenarios

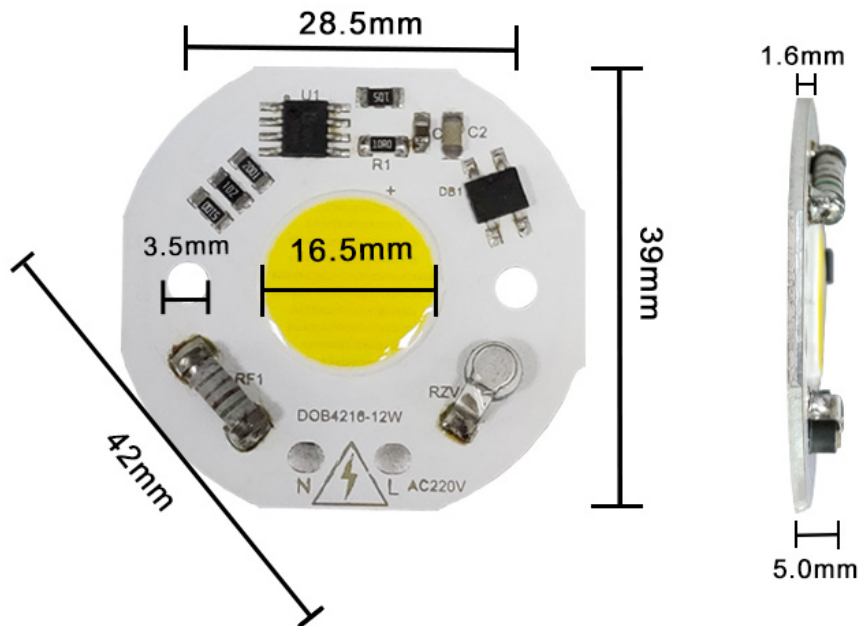


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Product Description

LED Encapsulation Series 1000V Surge Protection LED COB Chip Smart IC On Board Driverless 220V 12W LED Chip

Specification



Model	DOB4216-12W	Power	12W
Voltage	AC220-240V	CCT	3000-6500K
Lozem Ipsum	0.96	Ra	70-90
Size	Φ28.5mm*39mm	Lm	100-120lm/W
Emitting angle	120°	Board thickness	1.6mm
Hole distance	3.5mm	Led area	Φ 16.5mm

Features

- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long lifespan
- 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 protectio
- 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>1000V passed

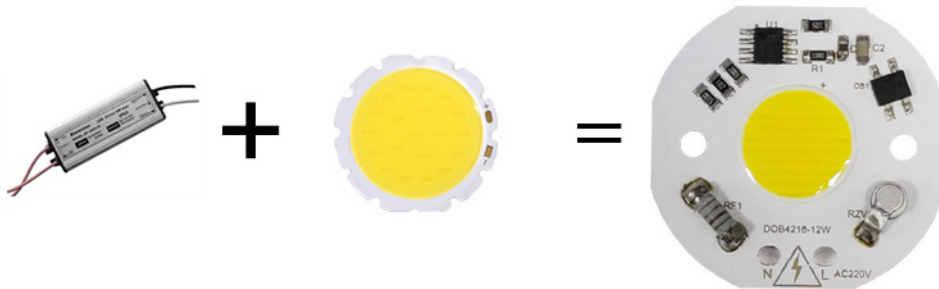
DRIVERLESS COB LED CHIP

Flip Chip Led Assembly Technology

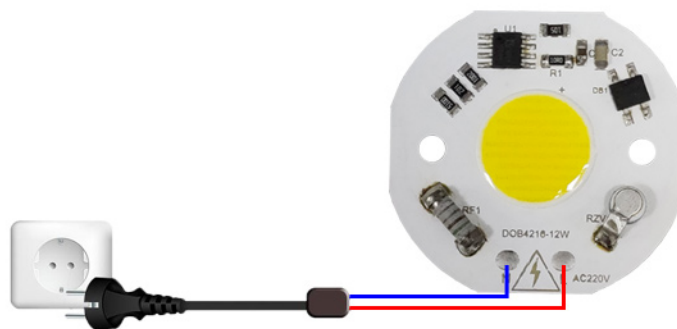


New Technology

① Tow-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

Wire Bonding Chip

A1: Need lead connection

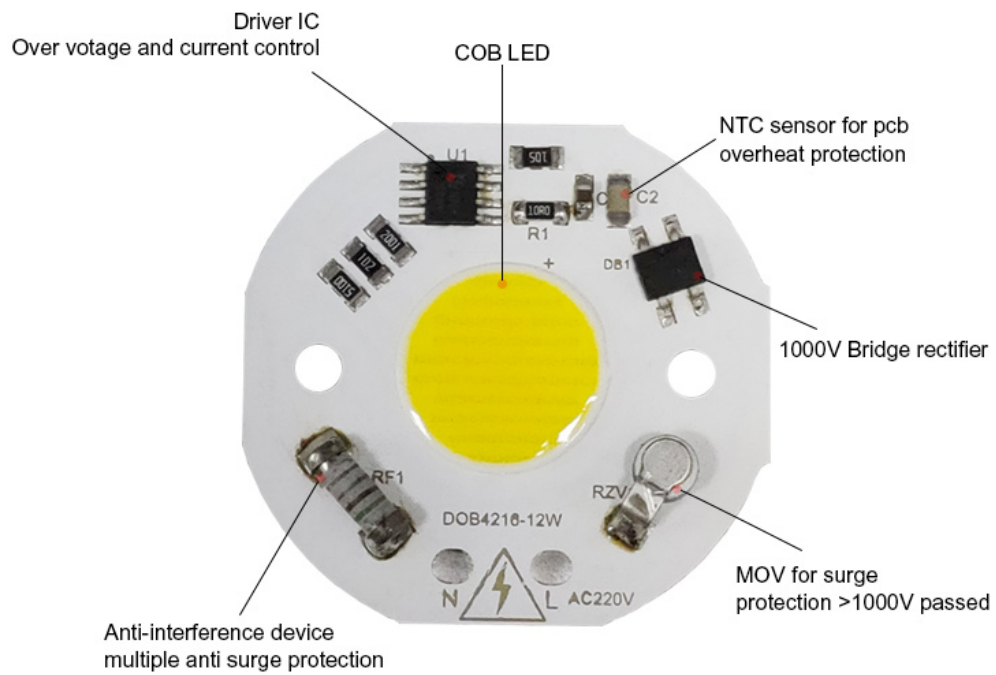
A2: The front electrode blocks light, and the light output rate is low

A3: Insulating glue solid crystal, low heat dissipation efficiency

A4: Only suitable for small current

A5: Wired occupies volume, small space

Product Details



Ours

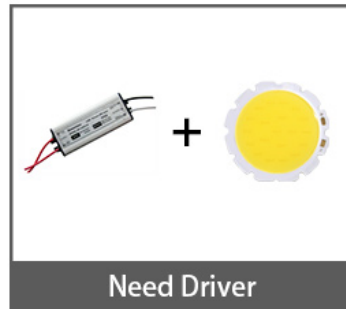


Others



NO Driver

Driver

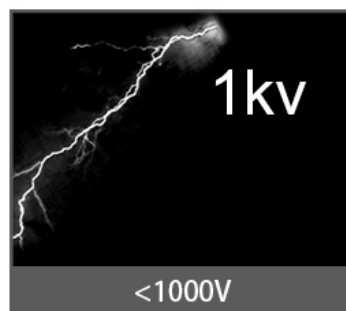


Need Driver

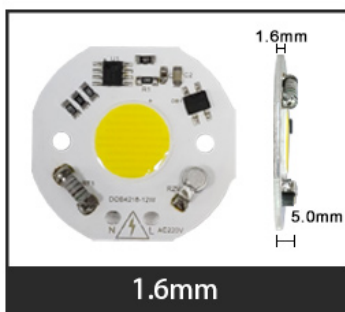


>4000V

Anti surge

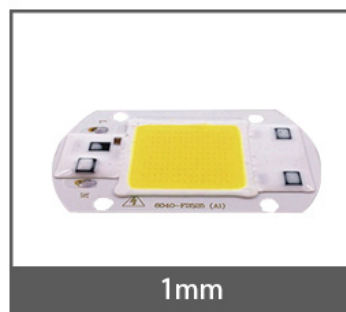


<1000V

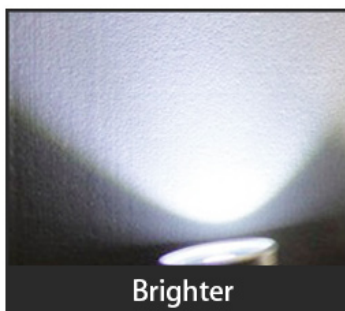


1.6mm

Thickness

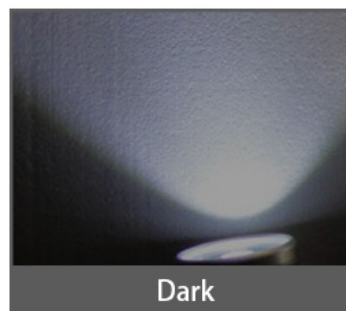


1mm



Brighter

Brightness



Dark

Product Application



Customized



Focus on AC/COB for 10 years

Different spectrum can be customized for different plants.

The professionally customized full-spectrum LED plant photosensitive lamp beads can have higher PPFD and PAR than the conventional full-spectrum,

And the efficiency is also higher.

For customization,

Click on **“Chat Now”** pls!

Customize



Brightness

Color

LOGO



Chat Now !



FAQ

Q1. Are you manufacturer or trading company ?

A:Shenzhen Colighting Ltd is a leading **AC/DC COB** manufacturer founded in **2013** in Shenzhen,China. We have a professional R & D team with more than **18 years experiences** in LED industry.OEM&ODM are available.We have many patent products with independent innovation.We provide standardization products as well as customization service that already benefited many customers all over the world with "OPTIMAL" quality products at "OPTIMAL" prices.

Q2: 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.

Q3: How long will you ship after the order is placed?

A : Sample in stock:1-3days.Customized production:7-15days depends on the order quantity.

Q4: How can you guarantee the quality?

A : Professional product quality inspection team ensures order defective rate; Otherwise, we take full

responsibility according to our wholesome after-sales support system.

Q5: 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 thfee for the payment of the sample.



Shenzhen Colighting Ltd



+86-18926589891



bon@colighting.com



cobledchip.com

3rd Floor of building 1, No.5 of Shijing Industrial Park, Pingkui Road, Pingshan district, Shenzhen, China, 518118