

## Light Emitting Surface Chip Cob Led High Power 20w 30w For Spot Light

Our Product Introduction

### Basic Information

- Place of Origin: Shenzhen China
- Brand Name: newspectrum
- Model Number: DOB1736-30W
- 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

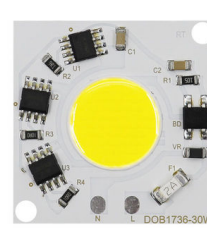
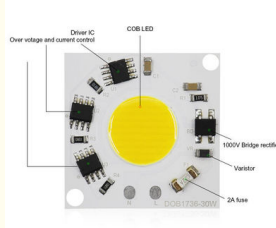
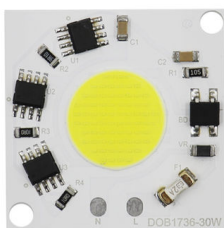


### Product Specification

- Working Current: 150 (mA)
- Voltage: 220 (v)
- Power: 30W
- Overall Dimensions: 36 \* 36 (mm)
- ESD: 2000V
- Main Wavelength/color Temperature: 4000 (nm/k)
- Highlight: Light Emitting Surface Chip Cob Led, 30w Chip Cob Led, 30w High Power Cob



### More Images

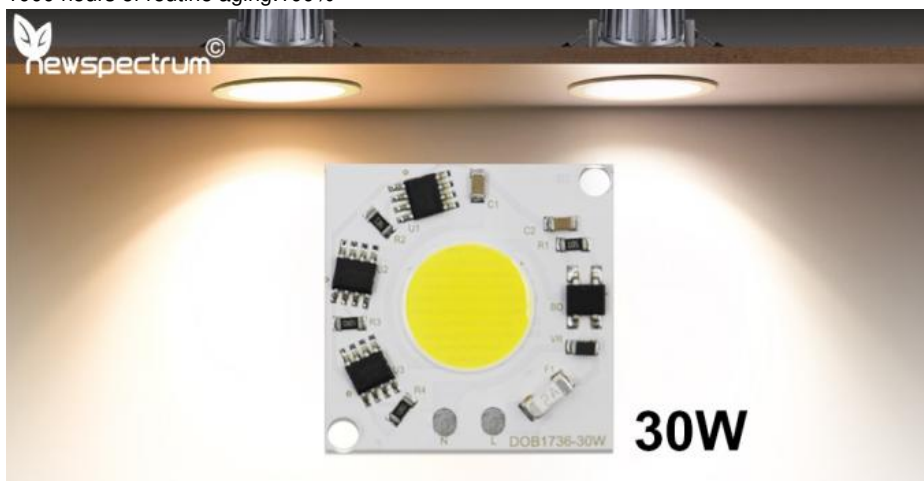


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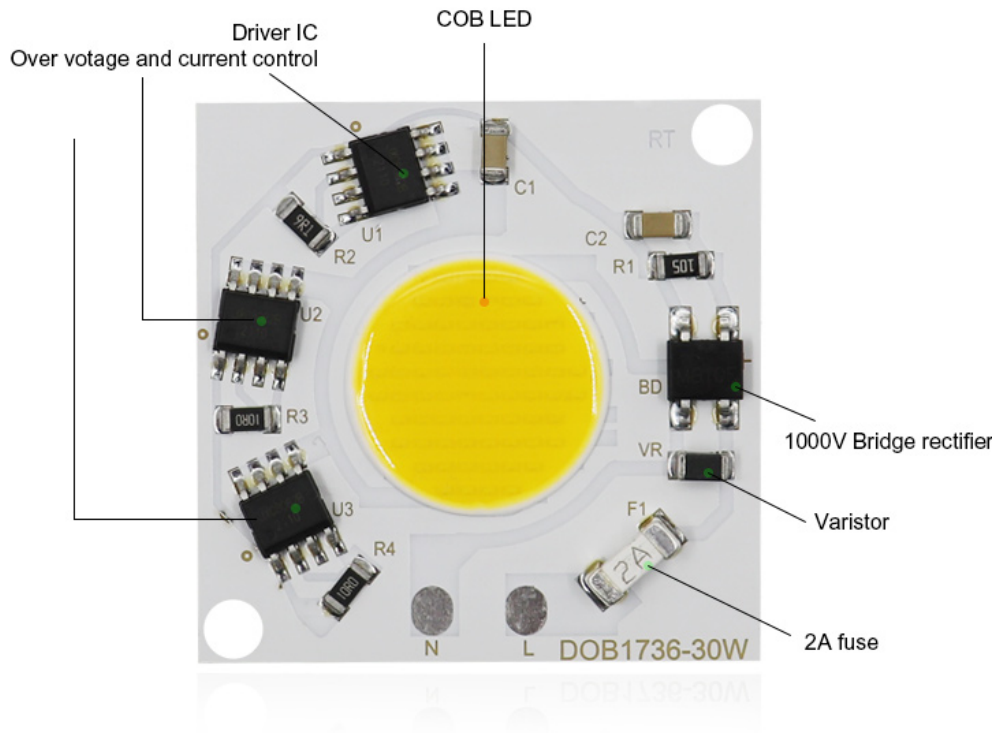
## Product Description

# AC driver linear cob light source 17mm light emitting surface 20w 30w track light ceiling light spot light down light LED

Working current:150 (mA)  
Article number:DOB1736-30W-CW/WW/PK  
Working voltage:220 (v)  
Power:30 (W)  
Brand:newspectrum  
Overall dimensions:36 \* 36 (mm)  
Model:DOB1736-30W  
Support material:aluminium  
Thermal resistance: $\leq 5$  ( $^{\circ}$ /W)  
Color rendering index:70-80  
Luminous angle:120  $^{\circ}$   
Luminous efficiency:100 (lm/W)  
Luminous surface size: $\Phi$  16.5 (mm)  
Color tolerance: $< 5$  (SDCM)  
96 hour accelerated aging:98%  
Maximum allowable junction temperature:120  $^{\circ}$   
Light intensity/flux:3000 (lm)  
Main wavelength/color temperature:4000 (nm/k)  
ESD (human mode):2000 (V)  
1000 hours of routine aging:100%



# Product Details

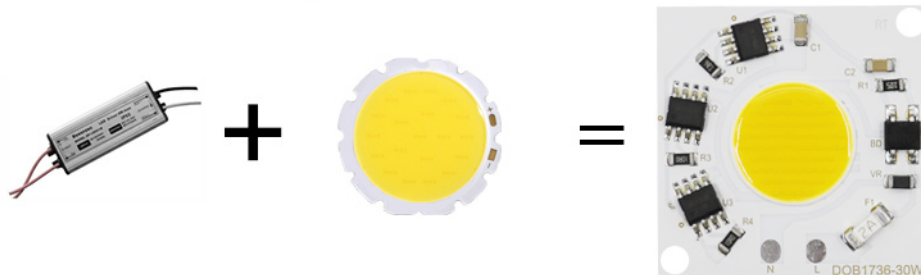


## Features

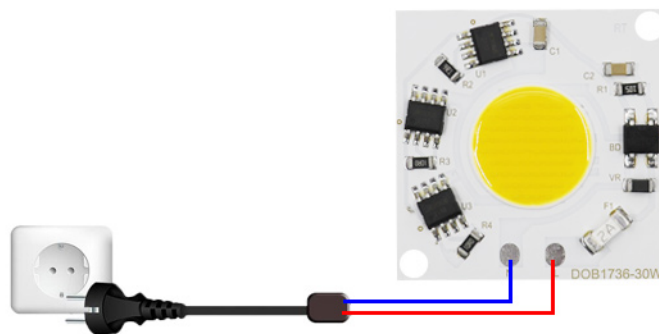
- ①: LED flip chip assembly technology. Good heat dissipation effect, higher light output rate, long lifespan
- ②: High brightness, Size of led chips are bigger than others
- ③: Smart IC Fit NO Driver
- ④: Constant current and constant power control
- ⑤: NTC sensor for pcb overheat protection
- ⑥: Voltage-regulator 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

# 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

Others Wire Bonding Chip



Wire Bonding Chip

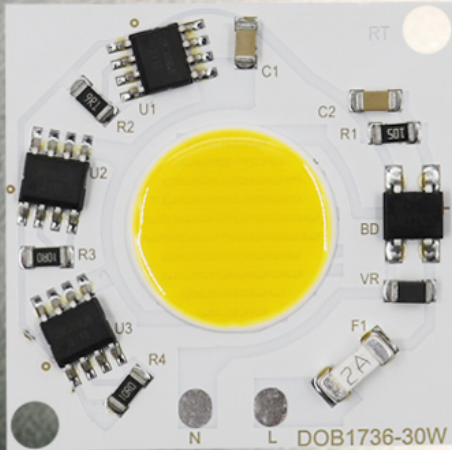
- A1: Need lead connection
- A2: The front electrode blocks light, and the light output rate is low
- A3: Insulating glue solid crystal, low heat dissipation efficiency
- A4: Only suitable for small current
- A5: Wired occupies volume, small space

# Customize

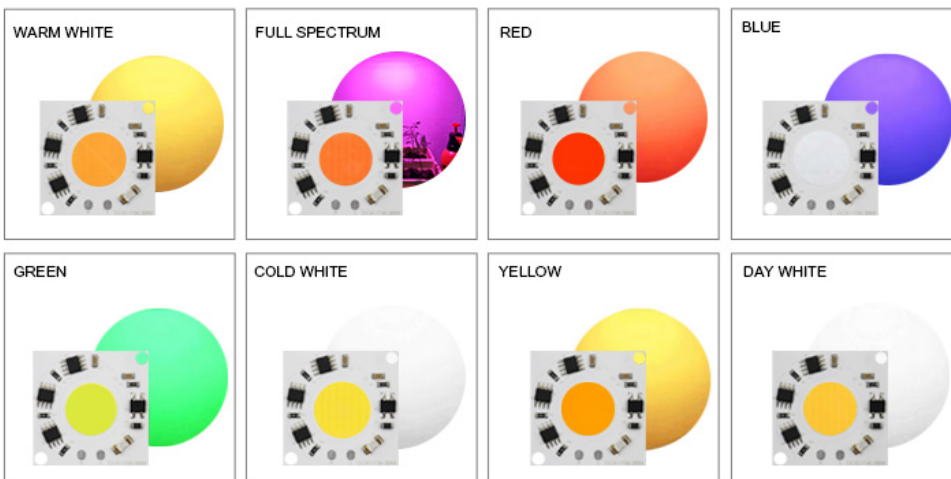
Brightness

Color

LOGO



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# Product Application

