

## LED Module 50W DOB MAGNUM OSRAM Chip SMD3030-3D 180Lm/W 90°



### Product code:

Reference: 4835MG50W90DOB

### Technical specifications:

REFERENCE: 4835MG50W90DOB  
Rated Power : 50w  
Nominal Voltage: 175-265V  
Colour: 4000K-5000K  
CRI - Chromatic Rendiment Index: 84  
Construction Material: Aluminium +PMMA  
Luminosity-Lm: 7000  
Number & Type of LEDs: 72 Diodes SMD 3030 3D (3 Corel) OSRAM Chip OS-CORE Sapphire ODB2235S.A  
Beam Angle (°): 90°  
Luminous diodo LED (Lm/W): 180 Lm/W  
Luminous Efficiency (Lm/W): 140 Lm/W  
Certifications: CE - ROHS  
IP : IP67-Outdoor  
Diode Life Expectancy (H): 50.000  
Dimensions (mm): 350mm x 75mm x 30mm  
Power Factor (PF): 0,91  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -15°+70°  
On/Off Cycles: 100.000  
Starting Time (s): 0,2s  
Other Information: DOB Driverless  
Impact Protection (IK) : IK10  
Driver included: DOB GXTRONIC ELECTRIC  
Energy Rating (2021-UE-2019/2015): A++  
Warranty Years: 5

### Product short description:

This 50W and 90° LED optical module is manufactured with a team of 72 LED diodes SMD 3030 3D, BRIDGELUX Chip TRIPLE NUCLEO. This IP67 module is designed to be placed on all types of street lamps, as well as for projector mounting. Thanks to its excellent dissipation, it has a long service life and great energy savings, making it a very ecological product.

### ASSEMBLY

### Product description:

LED module 50W DOB MAGNUM BRIDGELUX Chip SMD3030-3D 180Lm / W 90°

This triple core LED optical module (3D) serves as a replacement for old bulbs that were very polluting.

Thanks to its power they manage to generate great lighting in the street lamps, reaching 7000 Lm.

The quality of its materials makes it an essential product to generate clean energy with a great shelf life.

The optical module has 72 Diodes SMD 3030 3D (3 Corel) BRIDGELUX Chip OS-CORE Sapphire ODB2235S.A

The (CRI) color rendering index is higher than +80 due to the high quality of OSRAM Chip.

The module is completely made of 6063 Baked Aluminum to prevent salt oxidation.

Its high IP67 protection makes it suitable for outdoor use and has a splash protection.

It also highlights in this professional lighting product the high degree against IK10 shocks.

It has a 5 year warranty.

Applications of LED Module 50W DOB MAGNUM BRIDGELUX Chip SMD3030-3D 180Lm / W 90°

- Lampposts
- Projectors
- Recessed luminaires

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Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

sheet of each LED product.

## Additional images:

