50W LED Module DOB OSRAM 7000Lm/W 60º IP67

Product codes:

Reference: 4834MG50W60DOB



Product features:

Power (W): 50
Power source (V): 175-260V
Color temperature CCT: 4000K
Color temperature CCT: 5000K
LED: SMD3030
LED chip brand: OSRAM
Luminous efficacy (Lm/W): 140
Brightness (Lm): 7000
IP: IP67
IK: IK10
Luminous angle: 60º
Frequency (Hz): 50-60Hz
Power factor ?: 0.90
Measures (mm): 305x75x80mm
Material: Aluminum + PMMA
Driver: DOB
Operating temperature: -15ºC ~ +70ºC
Energy efficiency 2021: A+
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (ºK): Natural white 4000K, Cool white 5000K

Product description:

DOB module with no external driver, IP67 / IK10 LED Module 50W DOB OSRAM SMD3030-3D 140 lm/W 60º IP67

The with a triple-core OSRAM SMD3030 3D chip delivers (140 lm/W) with a 60º optic. Driver-on-Board technology (no external driver), 6063 aluminium, IP67 / IK10 and a 5-year warranty.

? 50W? 7000 lm? 140 lm/W? IP67/IK10

50W

Power7000 lm
Luminous flux140 lm/W
Efficiency60º
Optic

The **50W DOB optical LED module** features Driver-on-Board technology and a 60º optic, designed for street lights, floodlights or recessed luminaires. Fitted with the triple-core OSRAM SMD3030 3D chip (72 diodes), it reaches 7000 lumens and 140 lm/W efficiency, ensuring powerful, homogeneous, comfortable light with CRI > 80.

The body is entirely made of **6063 aluminium with anticorrosion baked paint**, preventing salt oxidation and ensuring optimal heat dissipation. With IP67 ingress protection and IK10 impact resistance, it withstands the most demanding environments. DOB technology (no external driver), AC 220-240V input, power factor > 0.95, lifespan > 50,000 hours, available in 3000K, 4000K or 6000K. 5-year warranty.

Why choose this product? **? OSRAM 3D, DOB**
7000 lm, 140 lm/W, no external driver. **? IP67 / IK10**
6063 aluminium, withstands demanding environments. **? CRI > 80, 5-year warranty**
Visual comfort and long lifespan. Available light shades

Available in three selectable colour temperatures, to match the atmosphere of each space:

3000 K
Warm white4000 K
Neutral white6000 K
Cool white Technical specifications Product typeDOB optical LED modulePower50WTechnologyDOB (integrated Driver on Board)LED chipOSRAM SMD3030 3D triple-core (72 diodes)Luminous flux7000 lmEfficiency140 lm/WOptic60ºColour temperature3000K / 4000K / 6000KCRI> 80Input voltageAC 220-240VPower factor> 0.95ProtectionIP67 / IK10Material6063 baked-paint aluminiumLifespan> 50,000 hoursWarranty5 years Advantages

- **DOB, no driver:** 7000 lm, 140 lm/W.
- **OSRAM SMD3030 3D:** CRI > 80, visual comfort.
- **IP67 / IK10:** sturdy and sealed.
- **6063 aluminium:** anticorrosion, long-lasting.
- **3 temperatures:** 3000K, 4000K or 6000K.
- **5-year warranty:** professional quality.

Recommended applications ?**Street lights and urban lighting** — LED retrofit.?**Outdoor floodlights** — high power.?**Recessed luminaires** — custom integration.?**Industrial areas** — rugged lighting. Installation guide 1**Switch off the power**
Cut the supply before working.2**Fit the module**
Fix the DOB module in the luminaire or head.3**Wire at 220-240V**
Wire directly to the mains (no external driver).4**Check**
Close up, restore power and check the lighting. Frequently asked questions **Does it need an external driver?**
No, DOB technology integrates the driver (220-240V input). **What is the efficiency?**
140 lm/W, i.e. 7000 lumens at 50W. **Which temperatures are available?**
3000K, 4000K or 6000K, with a CRI above 80. ?

50W
7000 lm?

IP67
IK10?

60º
140 lm/W?

Warranty
5 years

Product gallery:




OSRAM
LED Chips
Included
OS-CORE Sapphire
ODB2235S.A6
SMD3030
3 CORE









