LED Optical Module 60W | SMD3030 Bridgelux 180Lm/W | GXtronic Driver | High Brightness | Symmetrical 140ºx140º

Product code:

Reference: MD60W

Technical specifications:

REFERENCE: LM65W
Nominal Voltage: 110-260V
Colour: 2200K-3000K-4000K
Construction Material: Aluminium +PMMA
Luminosity-Lm: 8400Lm
Number & Type of LEDs: SMD 3030- 8D (8Cores) BRIDGELUX CHIP 2240DS-C30
Beam Angle (º): 140º x 140º
Luminous diodo LED (Lm/W): 180 Lm/W
Luminous Efficiency (Lm/W): 140 Lm/W
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 50.000
Dimensions (mm): 175x175xH35
Power Factor (PF): 0.98
Frequency (Hz): 50/60Hz
Temperature Range (ºC): -15º+70º
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Other Information: Driver Out: 54-83Vdc 700mA
Glare Rating (UGR): 13
Impact Protection (IK) : IK10
Driver included: Driver GXTronic - 5 Years
Warranty Years: 5

Product short description:

The LED Optical Module 60W GXtronic with Bridgelux SMD3030 chip (180Lm/W) delivers maximum brightness and energy efficiency. Its asymmetric optics 140ºx140º ensure uniform lighting for LED streetlights such as Villas, Fernandinas, and similar types. With IP65 protection, it is designed for outdoor use, made of high-quality aluminum that guarantees excellent heat dissipation, extending its lifespan and reducing consumption. A reliable, durable, and high-performance solution for public and urban lighting projects. **5-Year Warranty.**

Product description:

LED Optical Module 60W | SMD3030 Bridgelux 180Lm/W | GXtronic Driver | High Brightness | Symmetrical 140ºx140º

The **LED Optical Module 60W GXtronic** with **Bridgelux SMD3030 technology with 8 cores (180Lm/W)** is designed to deliver **maximum brightness, energy efficiency, and durability** in public and urban lighting projects. With its **asymmetric optics 140º x 140º**, it ensures uniform light distribution, optimizing coverage in LED streetlights such as Villas, Fernandinas, and similar types, reducing shadows and improving visibility across the environment.

This module features **IP65 protection**, making it completely dustproof and waterproof, and therefore an ideal solution for outdoor use. Its housing is made of **high-quality pure aluminum**, a material that not only provides excellent mechanical strength but also guarantees **outstanding heat dissipation**, significantly extending the product's lifespan and maintaining peak performance over time. In addition, aluminum protects the module from **oxidation, corrosion**, and extreme temperatures, ensuring reliable operation in both summer and winter.

It integrates a **high-quality GXTRONIC Driver**, ensuring stable performance, greater safety, and **5-year warranty**, making it a dependable and long-lasting choice. With its **low energy consumption**, it helps reduce electricity costs and promotes the use of **cleaner, more sustainable energy**, enhancing efficiency in large-scale lighting projects.

Benefits and Advantages

- High brightness and efficiency (180Lm/W) with Bridgelux technology.

- Asymmetric optics (140ºx140º) ensuring homogeneous illumination in streets and open spaces.

- Significant energy savings compared to traditional modules.

- IP65 protection against water and dust, ideal for demanding outdoor environments.

- Premium materials: pure aluminum for heat dissipation, strength, and durability.

- Sustainable design reducing light pollution and preserving the night sky.

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- High-quality GXTRONIC Driver with 5-year warranty.

Applications

The LED Optical Module 60W GXtronic is specially designed for **public, urban, and residential lighting**, making it perfect for:

- Streets and avenues
- Parks and squares
- Gardens and outdoor patios
- Pedestrian paths and walkways
- Residential areas and urban developments

Its **high luminous power** makes it the ideal solution for **public lighting modernization**, improving **safety, nighttime visibility, and visual comfort**, while achieving significant **economic and energy savings**.

In short, this module is a **smart and durable investment**, combining **high performance, resilience, and sustainability** for any outdoor lighting project.

In FactorLED we ensure that our products have QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet of each LED product.

Additional images:

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