

## LED Street Light 60W NEW CONIC + Steel Plate | 1-10V Dimmable and Programmable



### Product code:

Reference: GD60W

### Technical specifications:

REFERENCE:  
Rated Power : 60w  
Nominal Voltage: 85V-265V  
Colour: 2200K-3000K-4000K  
CRI - Chromatic Rendiment Index: 70  
Construction Material: Aluminium +PMMA  
Luminosity-Lm: 5400  
Number & Type of LEDs: SMD 3030 4 Cores Bridgelux Chip 2240 DS-C30  
Beam Angle (°): 80° - 150°  
Luminous diodo LED (Lm/W): 160 Lm/w  
Luminous Efficiency (Lm/W): 135Lm/W  
Certifications: CE - ROHS  
IP : IP67-Outdoor  
Diode Life Expectancy (H): 40.000  
Dimensions (mm): Ø370mm x 460mm - HoleΦ65mm  
Power Factor (PF): 0.95  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -15°+70°  
On/Off Cycles: 100.000  
Starting Time (s): 0,2s  
Other Information: Driver: 23-43VDC- 1000mA+-5%  
Impact Protection (IK) : IK10  
Driver included: YES  
Energy Rating (2021-UE-2019/2015): A+  
Warranty Years: 5

### Product short description:

The GXtronic 60W LED Optical Module with Bridgelux SMD3030 chip (180Lm/W) offers maximum brightness and energy efficiency. Its 140°x140° asymmetrical optics ensure uniform lighting in Villas, Fernandinas and similar LED street lights.

The MOSO LED Driver - Dimmable and programmable - X6-075M - for LED luminaires up to 75W, is designed for operation exceeding 50,000 hours (13 years of life at 10 hours/365 days).

This professional 60W LED module is designed exclusively as an alternative accessory for the New Conic Streetlight, offering powerful, stable and highly efficient lighting. It includes a GXTronic driver for reliable performance in standard installations, with the option of upgrading to a programmable Moso driver, ideal for projects requiring 1-10V dimming, customised settings and maximum durability. An advanced solution to optimise the light output of your street lamp with total precision.

### Product description:

60W LED Optical Module for New Conic Streetlight + Steel Plate | 1-10V and Programmable **Professional LED Module with GXTronic Driver or Moso Driver - Performance Adaptable to Any Project**

This professional LED module is designed to deliver optimal performance in all types of installations, from standard projects to high-demand technical applications. The customer can choose between two driver configurations depending on their needs:

**GXTronic Driver (included by default):** stable and efficient solution for general installations.

**Moso Driver (optional):** professional driver with advanced regulation, ideal for high-performance environments and architectural applications.

Both options guarantee uniform lighting, instant start-up and excellent energy efficiency.

#### 1. GXTronic Driver (Included by default)

A balanced option for most LED luminaires.

#### Features and benefits:

- Stable and safe operation.
- Instant, flicker-free start-up.
- Optimised design for residential and commercial installations.
- Excellent cost-to-performance ratio.

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**Recommended for:** homes, offices, commercial spaces, common areas and standard projects requiring reliability without extra investment.

## 2. Moso Driver (Optional - Advanced control and greater durability)

The Moso driver is designed for projects requiring maximum quality, digital control and extended lifetime. Built with industrial-grade electronics, it ensures exceptional performance even in demanding environments.

### Key advantages of the Moso Driver:

- Robust construction with high thermal tolerance.
- Greater stability under voltage fluctuations.
- Long lifetime even in intensive applications.
- Perfect for outdoor, industrial and professional installations.
- Allows configuring the luminaire's behaviour according to the environment.

### Technical information of the Moso Driver (including your provided data):

#### 1-10V Dimming:

- Minimum power: **14.6 W**
- Maximum power: **81 W**

#### Custom programming:

- Minimum programmable: **14 W - 270 mA**
- Maximum programmable: **70 W - 1800 mA**

This configuration allows optimising the LED module depending on required luminous flux, working hours, desired energy savings and environmental conditions.

**Ideal for:** façades, street lighting, industrial warehouses, high-bay luminaires, architectural projects and spaces requiring precise power management.

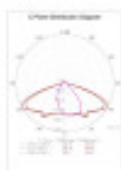
### General characteristics of the LED module

- Stable and uniform light output.
- Instant, flicker-free start-up.
- High energy efficiency.
- Excellent compatibility with new or retrofit luminaires.
- High-quality components for long durability.
- Easy installation.

### Why this module is the perfect choice

This system offers the flexibility to adapt performance precisely to the needs of each project. Choose the GXTronic version for standard installations, or upgrade to the professional Moso driver for advanced control, improved reliability and tailor-made configuration.

## Additional images:



# Technical Datasheet

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