

## LED Street Light - FISH - Aluminum 40W GxTronic / Moso



### Product code:

Reference: GL40W-91220-21

### Technical specifications:

REFERENCE: FL5361

Rated Power : 40W-65W

Nominal Voltage: 170V-270V

Colour: 2200K- 3000K-4000K

CRI - Chromatic Rendiment Index: Bridgelux: 70

Construction Material: Aluminium +PMMA

Luminosity-Lm: 40W 5400Lm 65W 11700Lm

Number & Type of LEDs: 40W-65W: SMD3030 Bridgelux CHIP

Beam Angle (°): 40w:70°-150° -65W:156°x78°

Luminous diodo LED (Lm/W): 40w:160Lm/W - 65W:210Lm

Luminous Efficiency (Lm/W): 40w:135Lm/W - 65W:180Lm/W

IP : IP65-Outdoor

Diode Life Expectancy (H): 50.000

Power Factor (PF): 0.95

Frequency (Hz): 50/60Hz

Temperature Range (°C): -20°C ~ +55°C

On/Off Cycles: 100.000

Starting Time (s): 0,2s

Impact Protection (IK) : IK10

Driver included: GxTronic - Phillips - MOSO

Energy Rating (2021-UE-2019/2015): A++

Energy Rating (2023 - UE-2019/2015): C

Warranty Years: 5

### Product short description:

Experience advanced lighting with our **40W PESCANTE LED street light**. This sleek, **aluminum** crafted fixture features the powerful **Bridgelux SMD3030 CHIP** and efficient GxTronic DRIVER, delivering an astounding **210Lm/W** output. Light up your outdoor environments with a perfect combination of power and energy efficiency.

- **Bridgelux 40W** Optical Module + GXTronic Driver
- **Bridgelux 40W** Optical Module + MOSO Driver Driver 1-10V Programmable

Discover the latest innovation in LED technology and elevate the lighting of your spaces to the next level, make your outdoors a bright and sustainable place with PESCANTE!

### Product description:

LED Streetlight - FISH - Aluminum 40W GxTronic

Discover excellence in lighting with our **40W PESCANTE LED street light**, a luminaire designed to stand out in every aspect. Its injection **forged aluminum** construction not only ensures exceptional durability, but also prepares it to withstand the most extreme outdoor conditions. To maximize its strength and longevity, this lantern is coated with **baked-on polyurethane paint**, adding an extra layer of protection against the elements.

At the heart of its outstanding performance is the powerful **Bridgelux SMD3030 CHIP** and the efficient GxTronic DRIVER. This combination of cutting-edge technologies delivers an astonishing **210Lm/W** efficiency, ensuring powerful yet energy-efficient illumination. The **PESCANTE** LED Streetlight represents the latest innovation in LED technology, taking outdoor lighting to a new standard of excellence.

- Bridgelux Chip 40W optical module + GXTronic Driver:

- LED optical block with 40W power and is manufactured with a team of 54 SMD3030 4-core Bridgelux 2240 DS-C30 SMD3030 LEDs.
- Aperture Angle (°): 70° - 150°.
- LED Diode Efficacy (Lm/W): 160 Lm/w
- Luminous Efficacy (Lm/W): 135Lm/W
- CRI: 70
- GXTronic Driver.

- Bridgelux Chip 40W optic module + MOSO ADJUSTABLE PROGRAMMABLE MOSO Driver

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- LED Diode Efficacy (Lm/W): 160 Lm/w
- Luminous Efficacy (Lm/W): 135Lm/W
- CRI: 70
- MOSO Driver: Dimmable + Programmable (7 steps)

# Technical Datasheet

## Key Features:

- Durable Construction:** Made of injection-forged aluminum, the luminaire is designed to withstand the most adverse outdoor conditions, ensuring exceptional durability.
- Protective Coating:** Its oven-cured polyurethane paint not only provides an aesthetic finish but also maximizes weather resistance, prolonging its lifespan.
- High-Level Performance:** Equipped with the powerful CHIP SMD3030 Bridgelux and efficient DRIVER GxTronic, it offers an impressive efficiency of 160Lm/W, providing powerful and economical lighting.
- Versatile Applications:** Perfect for a variety of outdoor environments, including parks, gardens, squares, avenues, wedding halls, chalets, rural houses, among others. Its versatile design makes it the ideal choice to enhance various spaces.
- Overvoltage Protection:** Includes a series-connected transient overvoltage protector of up to 10KV (10,000 Volts), ensuring additional protection against electrical fluctuations.

## Recommended Uses and Applications:

- Parks and Gardens:** Illuminate and enhance the beauty of green areas with powerful and efficient lighting.
- Squares and Avenues:** Provide striking illumination for public spaces and urban areas.
- Wedding Halls:** Create a charming and elegant atmosphere for special events.
- Chalets and Rural Houses:** Add a touch of distinction and functionality to residential environments.

With this excellent luminaire, you not only illuminate your spaces but also elevate their aesthetics and functionality. Discover the perfect fusion of robust design, exceptional performance, and versatile applications. Enhance the beauty of your outdoor spaces with the latest innovation in LED technology.

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.

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## Additional images:

