

## LED Streetlight - URBAN CITY - Aluminum - 65W GxTronic / Moso / Philips XIEP



### Product code:

Reference: GL65W-91224-25

### Technical specifications:

REFERENCE: URBAN CITY  
Rated Power : 12W-65W  
Nominal Voltage: 170V-270V  
Colour: 2200K- 3000K-4000K  
CRI - Chromatic Rendiment Index: Bridgelux: 70  
Construction Material: Aluminium +PMMA  
Luminosity-Lm: 65W: 11700Lm  
Number & Type of LEDs: 40w: SMD3030 Bridgelux. 50w Magnum: SMD3030 OSRAM. 50w DOB: SMD3030 OSRAM - 50W: SMD5050 BRIDGELUX CHIP  
Beam Angle (°): 65W: 78°x156°  
Luminous diodo LED (Lm/W): 65W: 210Lm/W  
Luminous Efficiency (Lm/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 - 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 **65W URBAN CITY LED street light**. This sleek, **aluminum** crafted fixture features the powerful 8-core BRIDGELUX SMD3030 SMD30 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.

- **65W SMD3030 Bridgelux Chip + Philips Essencial PROGRAMMABLE** XiEP optic module in wattage from 42w to 65W
- **65W SMD3030 Hight Lumens Bridgelux optic module + MOSO Driver 1-10V Programmable**
- **Optical Module 65W SMD5050 Hight Lumens Bridgelux + Driver GXTronic**

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 URBAN CITY!

### Product description:

LED Streetlight - URBAN CITY - Aluminum - 65W GxTronic

Discover excellence in lighting with our **URBAN CITY 65W 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 SMD30 CHIP** and the efficient GxTronic DRIVER. This combination of cutting-edge technologies delivers an astonishing **210Lm/W** efficiency, ensuring powerful yet energy efficient lighting. The URBAN CITY LED Streetlight represents the latest innovation in LED technology, taking outdoor lighting to a new standard of excellence.

- Bridgelux SMD3030 HIGH LUMINOSITY 65W SMD3030 optical module + GXTRONIC Driver. It is not dimmable in power, it is its most standard version.

- LED optical block with 65W power and is manufactured with a team of 144 LEDs SMD3030 8-core SMD3030 LEDs BRIDGELUX.
- Aperture Angle (°): 156° x 78°.
- LED Diode Efficacy (Lm/W): 210 Lm/w
- Luminous Efficacy (Lm/W): 180Lm/W.
- CRI: 70
- GXTronic Driver

- Bridgelux 65W HIGH BRIGHTNESS SMD3030 SMD3030 optical module + PROGRAMMABLE ADJUSTABLE MOSO Driver

- LED optical block with 65W power and is manufactured with a team of 144 LEDs SMD3030 8-core SMD3030 LEDs BRIDGELUX.
- Aperture Angle (°): 78°x156°.
- LED Diode Efficacy (Lm/W): 210 Lm/w

# Technical Datasheet

- Luminous Efficacy (Lm/W): 180Lm/W.
- CRI: 75
- MOSO Driver: Dimmable + Programmable (7 steps)

- Optical module 65W SMD3030 Bridgelux Chip + Philips Essential PROGRAMMABLE Xi EP in power from 42w to 65W.

- LED optical block with 65W power and is manufactured with a team of 144 LEDs SMD3030 SMD30 8-core Bridgelux 2240 DS-C30.
- Aperture Angle (°): 156° x 78°.
- LED Diode Efficacy (Lm/W): 210 Lm/w
- Luminous Efficacy (Lm/W): 180Lm/W.
- CRI: 75
- Driver: Philips Xitanium Xi EP - 65W - 1.3-2.0A - WL I112 (which allows to program its power in a single section from 42W to 65W. )

Outstanding Features:

- 1. Durable Construction:** Made of die-cast forged aluminum, the URBAN CITY is designed to withstand the harshest outdoor conditions, ensuring exceptional durability.
- 2. Protective Coating:** Its baked-on polyurethane paint not only provides an aesthetic finish, but also maximizes weather resistance, prolonging its useful life.
- 3. High Level Performance:** Equipped with the powerful Bridgelux SMD3030 SMD30 CHIP and efficient GxTronic DRIVER, it offers an impressive efficiency of 160Lm/W, providing powerful and economical illumination.
- 4. Application Versatility:** Perfect for a variety of outdoor environments, including parks, gardens, squares, avenues, wedding halls, villas, cottages, among others. Its versatile design makes it the ideal choice for beautifying diverse spaces.
- 5. Surge Protection:** It includes a surge protector for transient currents up to 10KV (10,000 Volts) in series, ensuring additional protection against electrical fluctuations.

Recommended Uses and Applications of the LED Street Light - URBAN CITY - Aluminum 65W GxTronic

- **Parks and Gardens:** Illuminates and enhances the beauty of green areas with powerful and efficient lighting.
- **Squares and Avenues:** Provides a striking illumination for public spaces and urban areas.
- **Wedding Halls:** Creates a charming and elegant atmosphere for special events.
- **Villas and Cottages:** Adds a touch of distinction and functionality to residential environments.

With the URBAN CITY LED Streetlight, you not only illuminate your spaces, but also elevate their aesthetics and functionality. Discover the perfect fusion of robust design, exceptional performance and versatility of applications. Enhance the beauty of your exteriors 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.

## Additional images:



# Technical Datasheet

---