

LED Solar Street Light SUNLIGHT PRO400 | SMD5050 160 Lm/W | Remote Control | 70°x140° | IP65



Product code:

Reference: SSL400-CW-91440

Technical specifications:

REFERENCE: SSL400-CW-91440

Colour: 6500K

Construction Material: Aluminium+PC

Luminosity-Lm: 3744

Number & Type of LEDs: SMD 5050

Beam Angle (°): 70°x140°

Luminous diodo LED (Lm/W): 160 Lm/w

Certifications: CE, CMIM, RoHS

IP : IP65-Outdoor

Diode Life Expectancy (H): 35.000

Temperature Range (°C): +40°C ~ -20°C

Starting Time (s): 0,2s

Other Information: Lithium Batery: 3.2V 40000mAh

Other Information: Solar Panel MonoCrystalline 6V 45W

Download Time: 8 H.

Control modes: CONTROL + INFRARED

Impact Protection (IK) : IK08

Warranty Years: 3

Range (m): 10 m.

Time-Delay: Max 20H. - 50% 40H.

Product short description:

The **SUNLIGHT PRO400 GXTronic** solar LED streetlight is the ideal solution for efficient lighting of all types of roads, with no need for electrical connection. Equipped with **SMD5050 LEDs (160 lm/W)**, a **45 W monocrystalline solar panel**, and a powerful **40,000 mAh (3.2 V) lithium battery**, it offers **automatic activation at dusk and shutdown at dawn**.

Its **70°x140° asymmetric optic** ensures uniform light distribution (6500 K), while the **included remote control** allows different operating modes to be programmed.

An **autonomous and smart lighting system**, ready for installation in streets, paths, parks, and areas without electrical infrastructure.

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The **SUNLIGHT PRO LED Solar Street Light by GXTronic** is a next-generation luminance solution, engineered to provide an **autonomous, eco-friendly and highly efficient public lighting option**. Constructed in aluminum, it is ideal for **urban roads, rural paths, parks, residential areas, pedestrian walkways and locations without grid access**.

This model integrates advanced technology and premium components to optimize **light output, durability and energy savings**.

Key technical features:

- **Light source:** High-efficiency SMD5050 LED delivering **160 lm/W** for powerful, uniform illumination.
- **Color temperature:** 6500 K, cool white light ideal for outdoor visibility.
- **Beam angle:** Asymmetric optics 70° x 140° for improved light distribution over roads and sidewalks.
- **Battery:** LiFePO₄ **Lithium**, 3.2 V, 40,000 mAh - long-lasting and deep-cycle resistant.
- **Solar panel:** Monocrystalline 6 V / 45 W high-efficiency module, capable of capturing peak solar energy even on cloudy days. Dimensions: 680x 350 x 16 mm.
- **Automatic on/off:** Intelligent ambient light detection activates at dusk and shuts off at dawn, no manual action required.

The **SUNLIGHT PRO** lamp can be installed on either **wall or pole**, adapting to various infrastructure needs:

- **Wall mounting:** uses a metal support arm fixed with expansion bolts.
- **Pole mounting:** same arm easily attaches to standard poles for optimal height and light spread.

Remote control included: Allows programming of multiple operational modes, intensity levels and custom schedules as needed.

Remote control functions:

- **ON / OFF:** manually switch the lamp on or off.

Technical Datasheet

- **AUTO:** smart automatic mode:
 - 100 % brightness at activation
 - 70 % for 3 hours
 - then 30 % until dawn
- **Full Power:** lamp runs at 100 % intensity continuously.
- **Half Bright:** lamp at 50 % intensity to save energy.
- **Enhance Brightness:** manually increase brightness level.
- **Dim:** manually reduce brightness.
- **3H, 5H, 8H Modes:** lamp stays on for 3, 5 or 8 hours continuously, then automatically turns off.

Product advantages:

- **100 % autonomous:** requires no electrical grid connection, reducing installation and consumption costs.
- **Easy installation:** wall or pole mounting via metal support arm - ideal for urban and rural projects.
- **Outdoor durability:** aluminum housing with **IP65** protection, resistant to dust, rain and harsh weather.
- **Sustainable and efficient:** minimizes energy use and carbon emissions.

Recommended applications:

- Streets and roadways
- Residential streets and private driveways
- Parks, gardens and plazas
- Industrial and rural areas
- Temporary installations or off-grid locations

At FactorLED we ensure that our products have a **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
