

SGL Selectable CCT 3000K+4000K 20W 2200Lm Solar LED Street Light

Product codes:

Reference: SGL200



Product features:

Power (W): 20
Color temperature CCT: Selectable 3000K-4000K
LED: SMD2835
Luminous efficacy (Lm/W): 110
Brightness (Lm): 2200
CRI: +80
Colour: Black
IP: IP65
IK: IK06
Luminous angle: 360°
Measures (mm): Ø400x120mm
Material: ABS
Operating temperature: -20°C ~ +40°C
Lifespan: 25.000h
Certification: CE - RoHS
Warranty: 3 años

Product attributes:

Color temperature CCT (°K): Selectable CCT (3000K-4000K)

Product description:

SGL 20W 2200Lm Solar LED Street Light Selectable CCT 3000K + 4000K The LED SGL 20W 2200Lm Solar Street Light is designed to provide efficient and autonomous lighting for outdoor spaces.

Made from fire-resistant ABS+PC with UV protection, featuring a black housing and a 360° opal diffuser, this street light is ideal for pathways, parks, and residential areas. It includes an 11.5W monocrystalline panel and a replaceable 6000mAh LiFePO4 battery, ensuring over 32 hours of autonomy on a full charge.

Technical Specifications

- **Material:** Fire-resistant ABS+PC with UV protection
- **Housing Color:** Black
- **Solar Panel:** 11.5W 10V Monocrystalline
- **Battery:** Replaceable 6000mAh 6.4V LiFePO4
- **LED:** SMD2835
- **Autonomy:** Over 32 hours
- **Installation Height:** Between 2 and 4 meters
- **Dimensions:** Ø400x120mm (suitable for poles Ø60-65mm)

- **Distance Between Lights:** Up to 10-15 meters
- **Full Charge Time:** 4-6 hours of intense sunlight
- **Dusk-to-dawn Sensor:** Automatic on/off
- **Warranty:** 3 years

Installation Instructions

1. Press the On/Off button located inside the pole mounting tube.
2. Loosen the screws of the light fixture.
3. Insert the light fixture into the pole (tips of Ø50-60mm) and tighten the screws to secure it.

Staged Operation

- 100% brightness for the first 3 hours.
- 70% brightness for the next 2 hours.
- 50% brightness for the remainder of the night until dawn.

Recommended Uses and Applications

The LED SGL 20W Solar Street Light is ideal for a wide range of outdoor applications, including:

- **Residential Areas:** Perfect for lighting streets and pathways in communities and developments.
- **Parks and Recreational Areas:** Provides safe and continuous lighting, improving accessibility and security at night.
- **Parking Lots and Commercial Zones:** Illuminates large areas with effective light distribution, reducing energy costs thanks to its solar technology.

Product gallery:

