

100W AVANT LED Street Light OSRAM Chip 10000Lm

Product codes:

Reference: SLOSR100W



Product features:

Power (W): 100
 Power source (V): 175-260V
 Color temperature CCT: 3000K
 Color temperature CCT: 4000K
 Color temperature CCT: 5000K
 LED: SMD2835
 LED chip brand: OSRAM
 LED diode efficiency (Lm/W): 130
 Brightness (Lm): 10000
 CRI: +70
 Colour: Grey
 IP: IP65
 IK: IK08
 Luminous angle: 130°x70°
 Frequency (Hz): 50-60Hz
 Power factor: 0.90
 Measures (mm): 500x196x76mm
 Material: Aluminum + PC
 Operating temperature: -20°C ~ +55°C
 Energy efficiency 2021: A+
 Energy efficiency 2023: F
 Lifespan: 30.000h
 Certification: CE - RoHS
 Warranty: 3 años

Product attributes:

Color temperature CCT (°K): Warm white 3000K, Cool white 5000K, Natural white 4000K

Product description:

AVANT 100W LED Street Light OSRAM Chip The **AVANT 100W LED street light**, equipped with an OSRAM SMD2835 LED chip of 130Lm/W, provides a luminous flux of 10000 lumens, specially designed for public and street lighting. It features a 130°x70° asymmetric optic. This street light reduces electricity consumption by up to 90% compared to conventional discharge street lights.

Made of aluminum and PC, with a protection grade of IP65. Lacquered in gray, it has an anti-corrosive treatment and is UV resistant. Includes a 6kV surge protector. It is suitable for Ø60mm tubes. The arm is not adjustable, but the street light is compatible with adjustable column arms (sold separately).

Technical Data:

- Power: 100W
- LED Chip: OSRAM SMD2835
- Luminous Efficacy: 130 Lm/W
- Luminous Flux: 10000 lumens
- Optics: 130°x70° asymmetric
- Color Rendering Index (CRI): >70

- Material: Aluminum and PC
- Color: Gray
- Protection: IP65
- Surge Protector: 6kV
- Dimensions: 500x196x76mm
- Mounting: Suitable for Ø60mm tubes
- Warranty: 3 years
- Lifespan: 30,000 hours
- Power Factor: > 0.9

Benefits of the OSRAM SMD2835 LED Chip:

- **Energy Efficiency:** The OSRAM SMD2835 LED chip offers a performance of 130 lumens per watt, significantly reducing energy consumption.
- **High Performance:** Provides a powerful and uniform luminous flux, ideal for public and street lighting.
- **Durability:** With a lifespan of 30,000 hours, this street light ensures reliable and long-lasting illumination.

Asymmetric Optics:

The 130°x70° asymmetric optics of the **AVANT LED street light** are designed to distribute light efficiently, improving visibility and reducing light pollution.

Recommended Uses and Applications:

- **Public Lighting:** Ideal for illuminating streets, avenues, and pedestrian areas, providing safety and visibility.
- **Street Lighting:** Perfect for roads and paths, ensuring uniform and clear illumination.
- **Open Spaces:** Suitable for parks and recreational areas, offering effective and pleasant lighting.

Installation Recommendations:

- Ensure the power supply voltage is appropriate and complies with the product's technical specifications.
- Ensure proper sealing and electrical connection to prevent moisture ingress and protect the lighting system from potential short circuits.
- Install the street light in a strategic location to ensure optimal light distribution and maximize its luminous efficiency.
- Follow the mounting and fixing instructions provided by the manufacturer to ensure safe and durable installation.
- Perform periodic maintenance to ensure the proper functioning and energy efficiency of the street light over time.

Note: The arm is not adjustable, but the street light is compatible with adjustable column arms (sold separately). Pole not included.

Product gallery:

