

100W Outdoor AVANT LED Street Light - OSRAM CHIP - Warm light 3000K



Product code:

Reference: SLOSRI00W

Technical specifications:

REFERENCE: SLOSRI00W
Rated Power : 100w
Nominal Voltage: 185v - 265v
Colour: 3000K
CRI - Chromatic Rendiment Index: 80
Construction Material: Aluminium
Luminosity-Lm: 10000
Number & Type of LEDs: 144 DIODES SMD 2835 CHIP OSRAM
Beam Angle (°): Primary 130° x Secondary 70°
Luminous diodo LED (Lm/W): 130Lm/W
Luminous Efficiency (Lm/W): 100 Lm/W
Certifications: CE - ROHS-TÜV
IP : IP65-Outdoor
Diode Life Expectancy (H): 35.000
Dimensions (mm): 500x196x76mm - Hole Ø64mm
Power Factor (PF): 0.95
Frequency (Hz): 50/60Hz
Temperature Range (°C): -20°C ~ +40°C
Starting Time (s): 0,2s
Other Information: 6K Surge Protection
Impact Protection (IK) : IK10
Energy Rating (2021-UE-2019/2015): A++
Energy Rating (2023 - UE-2019/2015): F
Warranty Years: 3

Product short description:

The **100W AVANT LED street lamp** is **manufactured with SMD 2835 CHIP OSRAM** cores of high luminosity, which is able to generate a great illumination in any outdoor public lighting space. It is time to replace the old streetlights by new ones with LED technology and can achieve up to 80% reduction in energy consumption.

Product description:

100W LED Streetlight **AVANT** - OSRAM CHIP

To achieve better public lighting, the ideal is the new **AVANT Streetlight, which stands out from the rest thanks to its 100W power SMD 2835 CHIP OSRAM** achieving a quality luminaire. It is made of aluminum and PMMA of high quality and transparency, which is why it is insured with a high resistance protection.

An advantage of the **slimline design** in LED streetlights is that it allows for greater energy efficiency and reduced energy consumption. In addition, the aerodynamic design of the slimline streetlights reduces wind resistance and improves the dissipation of heat generated by the light source, which increases the life of the LED and reduces the need for maintenance.

Another advantage of the slimline LED streetlights is their elegant and modern aesthetic appearance, which easily blends into the urban environment. In addition, its compact design makes it easy to install in urban areas with limited space.

In general, slimline LED streetlights are an increasingly popular choice for urban lighting due to their energy efficiency, **long life**, low maintenance cost, and elegant design.

IK10 shock resistance.

IK10 is an impact resistance rating for electrical and electronic equipment. The IK classification refers to the impact resistance of electrical and electronic products and is a measure of how well protected a piece of equipment is against external mechanical impacts.

The IK rating is made up of a number from 00 to 10, with IK10 being the highest level of impact resistance. Equipment classified as IK10 can withstand an impact with a mass of 5 kg falling from a height of 40 cm without sustaining damage.

This rating is commonly used in outdoor applications such as lighting fixtures, security cameras, display screens, and other equipment found in environments that require high impact and vandal resistance.

IP65 protection, it is protected against any weather change, if it affects its lighting function.

Our **IP65** rated **AVANT** street light is designed to resist the ingress of dust and low pressure water jets, making it ideal for use in outdoor and industrial settings where harsh conditions may be encountered.

Technical Datasheet

Also benefit from the advantages of this **Osram AVANT Streetlight** , since some of its advantages is that thanks to its advanced LED technology you will achieve great light output.

- Savings in maintenance costs.
- Ideal to replace the old streetlights.
- It has a protection of **IP65**
- Its installation is very simple.

130° x 70° angle

A lamppost with an opening angle of 130° x 70° has several benefits:

1. **Wide and uniform illumination:** With an opening angle of 130° x 70° , the lamp is capable of illuminating a wide area with uniform light. This means that there will be no dark areas or shadowed areas, increasing safety in the illuminated area.
2. **Energy Savings:** By illuminating a large area with a single street light, fewer street lights are required compared to other lighting options. This results in energy savings, which translates into financial savings and a lower carbon footprint.
3. **Less glare:** The combination of a 130° x 70° opening angle results in softer, less glare lighting, reducing eyestrain and eye strain.
4. **Increased road safety:** A streetlight with a wide opening angle can illuminate the road and sidewalks evenly, improving the visibility of drivers and pedestrians. This can reduce the risk of traffic accidents and increase road safety.

In short, a streetlight with an opening angle of 130° x 70° offers wide, uniform, soft and less dazzling lighting, resulting in energy savings and greater road safety.

AVANT LED street lighting luminaire will allow you to maintain good lighting with contained consumption. The operating cost is lower as there are no starters or electronics to replace.

Built for a long useful life of more than 50,000 hours, the **AVANT LED streetlight** has a 3-year guarantee for its high-quality power supply, durability and design.

Uses of the 100W AVANT LED Streetlight - OSRAM CHIP

- Street and public space lighting: Slimline LED streetlights are often used to illuminate streets, parks, squares and other public spaces. They provide a bright and uniform light that improves the visibility and safety of people.
- Illumination of buildings and monuments: The slimline LED streetlights can also be used to illuminate buildings, monuments and other places of interest. This can create an impressive atmosphere and highlight the beauty of the structure.
- Car park lighting: Slimline LED street lamps are often used to illuminate car parks. They provide bright, even light that helps drivers safely maneuver their vehicles.
- Garden and patio lighting: Slimline LED streetlights can also be used to illuminate gardens and patios. They provide bright, even light that improves the aesthetics of the area and helps keep it safe.

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 for each LED product.

Additional images:

