

LED Street Light 100W AREA FLEX - OSRAM CHIP DURIS E 2835



Product code:

Reference: STOSR100W

Technical specifications:

Rated Power : 100w
Nominal Voltage: 85V-265V
Colour: 2700K - 4000K
CRI - Chromatic Rendiment Index: 80
Construction Material: Aluminium
Luminosity-Lm: 12000
Number & Type of LEDs: SMD 2835 OSRAM CHIP
Beam Angle (º): Primary 90º x Secondary 130º
Luminous diodo LED (Lm/W): 150Lm/W
Luminous Efficiency (Lm/W): 120 Lm/W
Certifications: CE - ROHS-TÜV
IP : IP65-Outdoor
Diode Life Expectancy (H): 100.000
Power Factor (PF): 0.9
Frequency (Hz): 50/60Hz
Temperature Range (ºC): -20°C ~ +55°C
Starting Time (s): 0,2s
Other Information: Driver Surge Protected: 4K
Impact Protection (IK) : IK08
Energy Rating (2021-UE-2019/2015): A++
Energy Rating (2023 - UE-2019/2015): E
Warranty Years: 3

Product short description:

Discover the **100W AREA FLEX LED street light**, made of high quality aluminum and powered by the powerful **OSRAM DURIS E 2835 chip**, designed to provide exceptional illumination in outdoor **public lighting areas**. With its high brightness, it guarantees bright and effective illumination in any environment.

With its versatile design and articulated arm, it allows easy orientation of the street light, adapting to the specific needs of each space. Illuminate your exteriors with quality and versatility with the LED Streetlight 100W AREA FLEX!

Product description:

LED Street Light 100W AREA FLEX - OSRAM CHIP DURIS E 2835

AREA FLEX 100W LED street light, an exceptional solution to illuminate your outdoor spaces. Made of high quality aluminum and powered by the powerful **OSRAM DURIS E 2835 chip**, this street light provides exceptional illumination for any outdoor environment. Its versatile design and articulated arm allows you to direct the light according to your specific needs, adapting perfectly to every situation.

One of the great advantages of this lantern is its **extra-flat design**, which not only prevents the accumulation of dirt and leaves, but also minimizes their visual impact. With immediate start-up, it eliminates annoying waiting times, providing safety for pedestrians in case of power failure.

Manufactured with high quality aluminum, this lantern favors excellent heat dissipation, which prolongs its service life and reduces maintenance costs. In addition, its IP65 protection makes it resistant to weather changes without affecting its lighting performance.

With a wide beam angle, the AREA FLEX LED street light reaches a larger area with uniform and efficient illumination. Perfect for **street lighting**, gardens, parks, sports centers and parking lots, this LED luminaire guarantees low power consumption and high performance.

Flexible Installation Options The AREA FLEX LED Street Light offers three installation modes to suit any need:

Direct wall installation: Easy and without additional accessories. Pole installation: Adaptable to any column with a tip diameter of 60mm.

Arm or bracket installation: Perfect for mounting on arms adapted to columns or walls.

Additionally, its rotating base allows for adjusting the tilt up to 90°, ensuring personalized and precise lighting from any angle.

Uses of LED Street Light 100W AREA FLEX - OSRAM CHIP DURIS E 2835

The uses and applications are varied and versatile, making it an ideal choice for a wide range of outdoor environments. Some of its main applications include:

1. Street Lighting: The AREA FLEX LED Streetlight is perfect for illuminating streets, avenues, roads and other public areas, providing efficient and safe lighting for pedestrians and drivers.

Technical Datasheet

2. Gardens and Paths: This street light is ideal for illuminating gardens, parks and pathways, creating a welcoming and safe environment at night and improving visibility in landscaped areas.

3. Parks and Squares: In urban parks and squares, the AREA FLEX LED Streetlight provides bright and uniform illumination that allows people to enjoy these outdoor spaces even after dark.

4. Sports facilities: For outdoor sports areas, such as tennis courts, basketball courts or soccer fields, this street light provides the necessary light for sports practice during the night.

5. Parking lots: In parking lots and parking areas, the AREA FLEX LED Streetlight ensures adequate illumination to improve safety and facilitate vehicle orientation.

In summary, the AREA FLEX **100W LED Streetlight** is a versatile and efficient solution for a variety of outdoor environments, providing quality lighting and contributing to the safety and comfort of people passing through these spaces.

At FactorLED, we ensure the quality of our products and provide all the necessary elements for their distribution, import or wholesale, including the technical data sheet of each LED product. Illuminate your outdoor spaces with quality and efficiency with the AREA FLEX 100W LED Streetlight!

Additional images:

