ROCKET LED Street Light 100W 14000Lm BridgeLux

Product codes:

Reference: RK-100



Product features:

Power (W): 100
Power source (V): 100-240V
Color temperature CCT: 1800K
Color temperature CCT: 3000K
Color temperature CCT: 4000K
Color temperature CCT: 5000K
LED: SMD3030
LED chip brand: BRIDGELUX
Luminous efficacy (Lm/W): 140
LED diode efficiency (Lm/W): 165
Brightness (Lm): 14000
IP: IP65
IK: IK10
Luminous angle: 140ºx70º
Frequency (Hz): 50-60Hz
Power factor ?: 0,95
Measures (mm): 540x220x97mm
Material: Aluminum
Operating temperature: -20ºC ~ +55ºC
Lifespan: 100.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (ºK): Warm white 3000K, Cool white 5000K, Amber 1800K, Natural white 4000K

Product description:

ROCKET LED Street Light 100W 14000Lm BRIDGELUX chip

The 10 0W ROCKET BRIDGELUX LED street light stands out for its power and efficiency, thanks to the SMD3030 LED chip that delivers a powerful luminous flux of 14000 lumens. Made of high-quality aluminum and PMMA, it offers a durable lighting solution with optimal protection against impacts (IK08) and adverse weather conditions (IP65).

100W140 Lm/W

100W
Power140 Lm/W
Luminous flux

It includes a high-quality driver , with a power factor > 0.90 , a 10kV surge protector and a 5-year warranty .

The ultra-slim design of the luminaire prevents dirt build-up and reduces its visual impact. With instant start-up and a lifespan of more than 50,000 hours, this LED luminaire guarantees efficient, high-quality lighting for years.

Why choose this product? **Energy Efficiency**
The BridgeLux SMD3030 LED chip offers exceptional efficiency of 140 lumens per watt, resulting in reduced energy consumption and lower operating costs. **High Performance**
Thanks to its high brightness, this chip provides a powerful and uniform luminous flux, ensuring quality lighting and excellent visibility. **Durability**
With an extended lifespan of more than 50,000 hours, the BridgeLux SMD3030 LED chip offers a reliable and durable lighting solution, reducing the need for maintenance and frequent replacement. Technical specifications Power100WLED ChipBridgeLux SMD3030Luminous Efficacy140 Lm/WLuminous Flux140 Lm/WOpticsAsymmetrical 140ºx70ºMaterialAluminum and PMMAProtectionIK08 (Impact Resistance), IP65 (Water and Dust Resistance)LifespanMore than 50,000 hoursDimensions540x220x97mmAdjustable HeadUp to 180ºDesigned for mounting on poles or arms with Ø60mm endsWarranty5 yearsCertificationsCE, RoHS, TÜV Recommended applications ?Public Lighting: Lighting for streets, avenues, roads and pedestrian areas, ensuring safety and visibility for pedestrians and drivers.?Gardens and Pathways: Lighting for green areas, paths and walkways in parks, public and private gardens, enhancing the beauty of the surroundings and allowing safe use at night.?Parks and Squares: Lighting for outdoor recreational areas such as childrenot s playgrounds, public squares and picnic areas, creating welcoming and safe environments for relaxation and leisure.?Parking Areas: Lighting for parking lots, garages and loading and unloading areas, providing clear and uniform illumination to improve orientation and enhance safety for vehicles and pedestrians. Advantages

- ? Energy Efficiency: The BridgeLux SMD3030 LED chip offers exceptional efficiency of 140 lumens per watt, resulting in reduced energy consumption and lower operating costs.
- ? High Performance: Thanks to its high brightness, this chip provides a powerful and uniform luminous flux, ensuring quality lighting and excellent visibility.
- ? Durability: With an extended lifespan of more than 50,000 hours, the BridgeLux SMD3030 LED chip offers a reliable and durable lighting solution, reducing the need for maintenance and frequent replacement.

Installation guide 1Check that the power supply voltage is correct and complies with the product's technical specifications.2Ensure proper sealing and electrical connection to prevent moisture ingress and protect the lighting system against possible short circuits.3Install the luminaire in a strategic location to ensure optimal light distribution and maximize its lighting efficiency.4Follow the mounting and fixing instructions provided by the manufacturer to ensure a safe and durable installation.5Carry out periodic maintenance to ensure proper operation and energy efficiency of the luminaire over time. Asymmetrical Optics:

The 140ºx70º asymmetrical optics of the ROCKET BRIDGELUX LED street light are designed to direct light specifically in a single direction, thus optimizing light distribution and reducing glare in unwanted areas. This optical configuration is ideal for street lighting and outdoor spaces where directional and uniform lighting is required.

The advantages of asymmetrical optics include better light distribution efficiency, greater lighting uniformity in the target area, and a significant reduction in light pollution, thereby improving visibility and safety in the environment.

Frequently asked questions **Is it suitable for outdoor use?**
With a IK08 (Résistance aux chocs), IP65 (Résistance à l'eau et à la poussière) rating, it is protected against dust and water according to its classification. **What is the warranty?**
This product comes with a 5 ans warranty. ?

Warranty 5 ans
?

Certified product
CE?

In stock
Fast shipping

Product gallery:










