NEW VILLA 10-100W programmable Philips Driver LED Street Light 15000Lm

Product codes:

Reference: ES-90488

Product features:

Power (W): 100
Power source (V): 175-260V
Color temperature CCT: 3000K
Color temperature CCT: 4000K
LED: SMD5050
LED chip brand: BRIDGELUX
Brightness (Lm): 15000
CRI: +70
IP: IP66
IK: IK09
Luminous angle: 120ºx50º
Frequency (Hz): 50-60Hz
Power factor: 0.95
Measures (mm): 380x380x500mm
Material: Aluminum
Driver: Philips XITANIUM
Operating temperature: -15ºC ~ +70ºC
Energy efficiency 2021: A+
Energy efficiency 2023: E
Lifespan: 100.000h
Certification: ENEC
Certification: CE - RoHS
Certification: TÜV
Warranty: 5 años

Product attributes:

Color temperature CCT (ºK): Warm white 3000K, Natural white 4000K

Product description:

NEW VILLA LED Street Light The **NEW VILLA LED street light**, made of aluminum and lacquered in dark gray, is equipped with a high-performance BRIDGELUX SMD5050 LED chip, providing a maximum luminous flux of 15000 lumens. Its asymmetric optic of 120ºx50º allows for increased interdistance between street lights and reduces the number of luminaires to be installed.

It incorporates a programmable Philips XITANIUM driver, with a power factor >0.95, flicker-free and noise-free, and with instant-on. It offers a 5-year warranty. The programmable driver from 10W to 100W allows for adjusting the lighting to each case, height, and installation area, always achieving maximum efficiency in each project. The driver is preconfigured to its maximum power of 100W, and if you want another power, you must indicate it in the order as PHILIPS programmers are required to perform the electronic power configuration in the factory. It includes a 10kV surge protector. Suitable for mounting on columns up to Ø75mm.

Technical Data:

- Power: Programmable from 10W to 100W (preconfigured to 100W)

- LED Chip: BRIDGELUX SMD5050
- Luminous Flux: Maximum of 15000 lumens
- Optics: Asymmetric 120ºx50º
- Material: Aluminum lacquered in dark gray
- Surge Protector: 10kV
- Power Factor: >0.95
- Dimensions: 380x380x500mm
- Mounting: Suitable for columns up to Ø75mm
- Warranty: 5 years

Benefits of the BRIDGELUX SMD5050 LED Chip:

- **Energy Efficiency:** The BRIDGELUX SMD5050 LED chip offers high performance, allowing for powerful and efficient lighting.
- **Flexibility:** Thanks to the programmable Philips XITANIUM driver, the power of the luminaire can be adjusted according to project needs, optimizing energy efficiency.
- **Durability:** With a 10kV surge protector and high-quality materials, the street light ensures a long lifespan and resistance to adverse conditions.

Asymmetric Optics:

The 120ºx50º asymmetric optics of the **NEW VILLA LED street light** are designed to direct light efficiently, optimizing light distribution and allowing for increased interdistance between street lights. This reduces the number of luminaires needed and decreases light pollution.

Recommended Uses and Applications:

- **Public Lighting:** Ideal for streets, avenues, roads, and pedestrian zones, providing optimal safety and visibility.
- **Parks and Gardens:** Perfect for illuminating green spaces, pathways, and recreational areas, enhancing the beauty of the environment and allowing for safe use at night.
- **Commercial Areas:** Suitable for shopping centers, parking lots, and loading and unloading zones, offering clear and uniform 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: Column not included.

Product gallery:

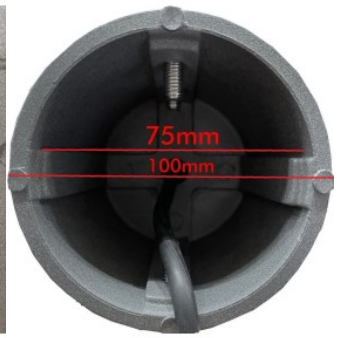

5 YEARS
bridgelux


PHILIPS
LED
Xitanium
LED driver
Programmable - Dimmable


260 mm
308mm
330mm
110mm
97mm


bridgelux
Bridging Light and Life™
SMD5050 -12 CORES 2240 DS-C30
240Lm/W
SMD5050
12 Cores Inside:2240 DAC30


Protection
10KV


75mm
100mm