LED Streetlight Villa Steel 40W-50W-65W-100W

Product code:

Reference: VILLA-STEEL

Technical specifications:

REFERENCE: VILLA
Rated Power : 40W-50W-65W-100W
Nominal Voltage: 170V-270V
Colour: 3000K-4000K-5000K
CRI - Chromatic Rendiment Index: Bridgelux: 70 Osram: 80
Construction Material: Steel + PMMA
Number & Type of LEDs: 40w: SMD3030 Bridgelux. 50w Magnum: SMD3030 OSRAM. 50w DOB: SMD3030 OSRAM - 50W: SMD5050 BRIDGELUX CHIP
Beam Angle (º): 40w:70º-150º - 50w:136ºx78º - 90ºx90º 100w::136ºx78º - 90ºx90º
Luminous diodo LED (Lm/W): 40w:160Lm/W - 50W:180Lm/W - 50W DOB:180Lm/W - 50W 5050: 220Lm/W 65W:200Lm
Luminous Efficiency (Lm/W): 40w:135Lm/W - 50W: 150Lm/W - 50W DOB: 140Lm/W - 50W 5050: 188Lm/W 65W:160Lm
IP : IP65-Outdoor
Diode Life Expectancy (H): 50.000
Dimensions (mm): 390x390xH710
Power Factor (PF): 0.95
Frequency (Hz): 50/60Hz
Temperature Range (ºC): -20°C ~ +55°C
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Impact Protection (IK) : IK10
Driver included: GXTronic - MOSO
Energy Rating (2021-UE-2019/2015): A+
Warranty Years: 5

Product short description:

Different mounting options are available for our **aluminium Villa luminaire**:

- Optical module **Bridgelux 40W** + GXTronic Driver
- Optical Module **50W Magnum Osram Chip** + Driver GXTronic
- Optical module **50W Magnum DOB Osram Chip**
- Optical module **50W SMD5050 Hight Lumens Bridgelux** + Driver GXTronic
- Optical module **Magnum Osram Chip (2x50W)** + Driver GXTronic
- Optical module **Magnum Osram Chip DOB (2x50W)**
- Optical Module **65W SMD5050 Hight Lumens Bridgelux** + Driver Philips Xitanium 1-10V Programmable
- **65W-42W Optical LED Module SMD3030 High Lumens Bridgelux** + Philips Essential Programable Power Driver.

Manufacturing time is 5 to 7 working days.

Product description:

LED Streetlight Villa Aluminium 40W-50W-65W-100W

This **LED Villa Aluminium streetlight** is ideal for decorating any outdoor space. It has an elegant and classic design and an elegant black finish.

The streetlight can be fitted with different features depending on the LED optical module fitted:

- Bridgelux Chip 40W optical module + GXTronic Driver:

  - LED optical block with 40W power and is manufactured with a team of 54 LEDs SMD3030 SMD30 4-core LEDs Bridgelux 2240 DS-C30.
  - Aperture Angle (º): 70º - 150º.
  - LED Diode Efficacy (Lm/W): 160 Lm/w
  - Luminous efficacy (Lm/W): 135Lm/W
  - CRI: 70
  - High quality GXTronic driver with a life of over 50,000 hours.
  - Driver 23-42vDC 1000mA+-5%.

- Optical Module 50W Magnum Osram Chip + GXTronic Driver

  - LED optical block with 50W power and is manufactured with a team of 85 SMD3030 3-core OSRAM SMD3030 LEDs.
  - Aperture Angle (º): 136º-78º.
  - LED Diode Efficacy (Lm/W): 180 Lm/w
  - Luminous efficacy (Lm/W): 150Lm/W.
  - CRI: 80
  - Driver 23-42vDC 1300mA+-5%.

- Optical module 50W Magnum DOB Osram Chip

- LED optical block with a power of 50W and is manufactured with a set of 72 OSRAM OS-CORE Sapphire ODB2235S.A. 3-core SMD3030 SMD30 LEDs.
- Aperture Angle (º): 90ºx90º.
- LED Diode Efficacy (Lm/W): 180 Lm/w
- Luminous efficacy (Lm/W): 140Lm/W
- CRI: 80
- Driver: DOB GXTRONIC.

- 65W HIGH LUMINOSITY SMD5050 Bridgelux optical module + Driver PHILIPS

- LED optical block with 50W power and is manufactured with a set of 36 SMD5050 8-core BRIDGELUX SMD5050 LEDs.
- Aperture Angle (º): 90ºx90º.
- LED Diode Efficacy (Lm/W): 200 Lm/w
- Luminous efficacy (Lm/W): 160Lm/W.
- CRI: 70
- PHILIPS Driver 1-10v - Dimmable + Programmable (5 settings)

-65W SMD3030 Bridgelux Chip + Philips Essential PROGRAMMABLE Xi EP optical module from 42W to 65W.

- LED optical block with a power of 65W and manufactured with a set of 144 SMD3030 LED diodes with 8 Bridgelux 2240 DS-C30 cores.
- Opening angle (º): 156º x 78º
- LED diode efficiency (Lm/W): 210 Lm/w
- Luminous efficiency (Lm/W): 180Lm/W.
- CRI: 75
- Driver: Philips Xitanium Xi EP - 65W - 1.3-2.0A - WL I112 (which allows power programming in a single range from 42W to 65W.)

- Optical modules 100w (2x50w) Magnum Osram Chip + Driver GXTronic

- Optical LED blocks with 50W power and is manufactured with a team of 85 OSRAM 3-core SMD3030 3-core SMD3030 LEDs.
- Aperture Angle (º): 136º-78º.
- LED Diode Efficacy (Lm/W): 180 Lm/w
- Luminous efficacy (Lm/W): 150Lm/W.
- CRI: 80
- Driver 23-42vDC 1300mA+-5%.

- Optical module 100W (2x50W) Magnum DOB Osram Chip

- LED optical blocks with 50W power and is manufactured with a team of 72 OSRAM OS-CORE Sapphire ODB2235S.A. 3-core SMD3030 SMD30 LEDs.
- Aperture Angle (º): 90ºx90º.
- LED Diode Efficacy (Lm/W): 180 Lm/w
- Luminous efficacy (Lm/W): 140Lm/W
- CRI: 80
- Driver: DOB GXTRONIC.

The luminaire, built in steel, is prepared to last in the most extreme outdoor conditions, for this purpose it is painted in oven-baked polyurethane to maximize its durability.

It is a very energy efficient product as it provides a high light output, offering the possibility of reducing electricity consumption by up to 80% and at the same time it is environmentally friendly as it does not pollute.

Uses of the LED Streetlight Villa Aluminium 40W-50W-65W-100W

- Parks
- Gardens
- Squares
- Avenues
- Wedding halls
- Villas
- Rural houses
- Industrial warehouses

In FactorLED we ensure that our products have QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet of each LED product.

Additional images:

Technical Datasheet