

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



### Product code:

Reference: VILLA

### 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: Aluminium +PMMA  
Number & Type of LEDs: 40w: SMD3030 Bridgelux. 50w Magnum: SMD3030 OSRAM. 50w DOB: SMD3030 OSRAM - 50W: SMD5050 BRIDGELUX CHIP  
Beam Angle (°): 40w:70°-150° - 50w:136°x78° - 90°x90° 100w::136°x78° - 90°x90°  
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): 440x440xH770  
Power Factor (PF): 0.95  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -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 Medina Aluminium LED luminaire:

- Bridgelux 40W Optical Module + GXTronic Driver
- Bridgelux 40W Optical Module + MOSO Driver Driver 1-10V Programmable
- Optical Module 50W Magnum Bridgelux Chip + GXTronic Driver
- Optical module 50W Magnum Bridgelux Chip + Driver MOSO 1-10V Programmable
- Optical module 50W Magnum DOB Osram Chip
- 65W SMD5050 Hight Lumens Bridgelux optic module + GXTronic Driver
- 65W SMD3030 Hight Lumens Bridgelux + Driver MOSO 1-10V Programmable Optical Module.
- 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 set of 54 SMD3030 4-core Bridgelux 2240 DS-C30 SMD3030 LEDs.
- Aperture Angle (°): 70° - 150°.
- LED Diode Efficacy (Lm/W): 160 Lm/w
- Luminous Efficacy (Lm/W): 135Lm/W
- CRI: 70
- GXTronic Driver.

Bridgelux Chip 40W optic module + MOSO ADJUSTABLE PROGRAMMABLE MOSO Driver

- LED optical block with 40W power and is manufactured with a set of 54 SMD3030 4-core Bridgelux 2240 DS-C30 SMD3030 LEDs.
- Aperture Angle (°): 70° - 150°.
- LED Diode Efficacy (Lm/W): 160 Lm/w
- Luminous Efficacy (Lm/W): 135Lm/W
- CRI: 70
- MOSO Driver: Dimmable + Programmable (7 steps)

- Optical module 50W Magnum Bridgelux Chip + Driver GXTronic

# Technical Datasheet

- LED optical block with 50W power and is manufactured with a set of 85 SMD3030 3-core Bridgelux 2240 DS-C30 3-core SMD3030 LEDs.
- Aperture Angle (°): 136°-78°.
- LED Diode Efficacy (Lm/W): 180 Lm/w
- Luminous Efficacy (Lm/W): 150Lm/W.
- CRI: 80
- GXTronic driver.

- Optical module 50W Magnum Bridgelux Chip + MOSO ADJUSTABLE PROGRAMMABLE Driver

- LED optical block with 50W power and is manufactured with a set of 85 SMD3030 3-core Bridgelux 2240 DS-C30 3-core SMD3030 LEDs.
- Aperture Angle (°): 136°-78°.
- LED Diode Efficacy (Lm/W): 180 Lm/w
- Luminous Efficacy (Lm/W): 150Lm/W.
- CRI: 80
- MOSO Driver: Dimmable + Programmable (7 steps)

- 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 (°): 90°x90°.
- LED Diode Efficacy (Lm/W): 180 Lm/w
- Luminous Efficacy (Lm/W): 140Lm/W
- CRI: 80
- Driver: DOB GXTRONIC on PCB.

- Bridgelux SMD3030 HIGH BRIGHTNESS 65W SMD3030 optical module + GXTRONIC Driver

- LED optical block with 65W power and made with a set of 144 LEDs SMD3030 SMD30 8-core BRIDGELUX.78°x156°.
- LED Diode Efficacy (Lm/W): 210 Lm/w
- Luminous efficacy (Lm/W): 180Lm/W.
- CRI: 75
- GXTronic Driver

**-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 (°): 156° x 78°
- 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.)

- Bridgelux SMD3030 HIGH BRIGHTNESS 65W SMD3030 optical module + MOSO ADJUSTABLE PROGRAMMABLE Driver

- LED optical block with 65W power and is manufactured with a team of 144 LEDs SMD3030 8-core SMD3030 LEDs BRIDGELUX.
- Aperture Angle (°): 78°x156°.
- LED Diode Efficacy (Lm/W): 210 Lm/w
- Luminous Efficiency (Lm/W): 180Lm/W.
- CRI: 75
- MOSO Driver: Dimmable + Programmable (7 steps)

The luminaire, made of die-cast aluminium, is designed to last in the most extreme outdoor conditions and is painted in baked polyurethane to maximise 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

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## Additional images:



Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

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