



# Villa LED gen2: iconic Iberian four-sided luminaire

## Villa LED gen2

Villa LED gen2 retains the specific proportions and shape of the traditional four-sided luminaires originally used in 19th century in Madrid. It allows a remarkable balance between performance and heritage preservation. Now widely used across the Iberian Peninsula, Villa LED gen2 is suitable for lighting historical environments and traditional towns and villages. Thanks to the built-in Philips Ledgine optimised LED platform, and the wide range of available application-tailored optics, Villa LED gen2 delivers the right amount of light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips SR (System Ready) sockets, which makes the luminaire future-ready. What this means is that Villa LED gen2 is ready to be paired with both standalone and advanced control and lighting software applications, such as Interact City from Signify. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts. Villa LED gen2 can also be equipped with our dedicated light recipe that preserves a dark night sky.

### Benefits

- Iconic luminaire for contemporary and historical environments
- Covers a wide range of urban lighting applications for roads and streets with different geometries
- Future-proof thanks to SR socket compatible with standard and advanced lighting controls
- Service tag for easy installation and maintenance

## Villa LED gen2

### Features

- Historical shape
- Large choice of different beams, internal louvers to minimize glare
- Variety of mounting options: luminaire can be combined with different columns, brackets and multiple-arm brackets

### Application

- Main urban roads and streets, side and residential roads and streets
- City centers and historical areas
- Cycle and pedestrian paths, squares, parks and playgrounds

### Versions



BDP768 40led without flush transition part

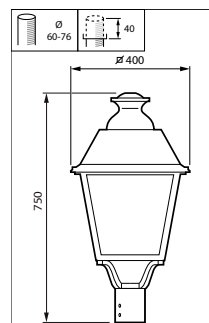
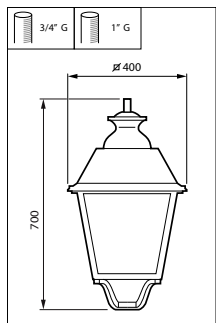


BDP768 BDP651 without spigot RET



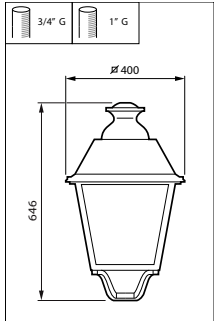
BSP768 & BSP651 40led

### Dimensional drawing



# Villa LED gen2

## Dimensional drawing



### General Information

Driver included	Yes
Lamp family code	LED50
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes

### Light Technical

Luminaire light beam spread	30° - 5° x 153°
Light source color	830 warm white
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Optic type outdoor	Distribution medium 50
Upward light output ratio	0.01

### Operating and Electrical

Power Consumption	38 W
Surge Protection (Common/ Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

### Controls and Dimming

Dimmable	No
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### Mechanical and Housing

Housing Color	Black
Mech. impact protection code	IK09
Ingress protection code	IP66
Standard tilt angle side entry	-
Standard tilt angle posttop	-

### Approval and Application

CE mark	Yes
Flammability mark	-

## Light Technical

Order Code	Full Product Name	Luminous Flux
89200500	BDP768 LED50/830 II DM50 MK-BK FG BALL 6	3,450 lm
89201200	BDP768 LED50/830 II DM50 MK-BK FG BALL 3	3,450 lm
88107800	BSP768 LW LED50/830 II DM50 MK-BK FG BAL	3,450 lm
24232600	BSP768 LED50/830 II DM50 MK-BK GF BALL 3	3,100 lm

## Mechanical and Housing

# Villa LED gen2

Order Code	Full Product Name	Optical cover type
89200500	BDP768 LED50/830 II DM50 MK-BK FG BALL 6	Flat glass
89201200	BDP768 LED50/830 II DM50 MK-BK FG BALL 3	Flat glass

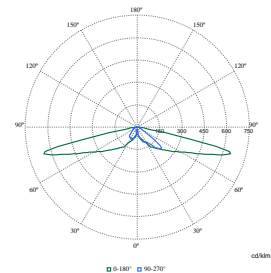
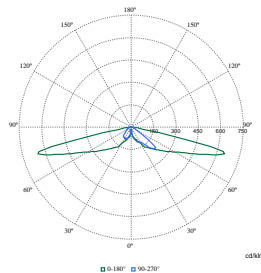
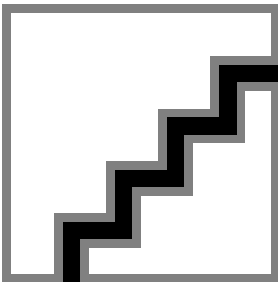
Order Code	Full Product Name	Optical cover type
88107800	BSP768 LW LED50/830 II DM50 MK-BK FG BAL	Flat glass
24232600	BSP768 LED50/830 II DM50 MK-BK GF BALL 3	Glass frosted

## Product Data

Order Code	Full Product Name	Product family code
89200500	BDP768 LED50/830 II DM50 MK-BK FG BALL 6	BDP768
89201200	BDP768 LED50/830 II DM50 MK-BK FG BALL 3	BDP768

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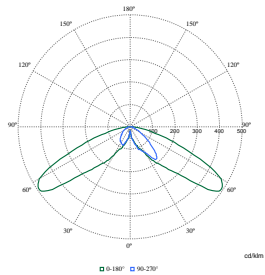
## Polar Wide Diagrams



Polar Normal (separate) - BDP768I - 912300024430

Polar Normal (separate) - BDP768I - 912300024528

Polar Normal (separate) - BDP768I - 912300024527



Polar Normal (separate) - BDP768I - 912300060153

