PHILIPS

Lighting

Villa LED gen2: iconic Iberian four-sided luminaire

Villa LED gen2

Villa LED gen2 is designed to offer the perfect balance between heritage preservation and performance. Designed with the specific proportions and shape of the traditional four-sided luminaires originally used in Madrid in the 19th century, Villa LED gen2 is now widely used for street lighting in historical environments and traditional towns and villages across the Iberian Peninsula. Thanks to the LEDGINE-O engine, and the wide range of application-tailored optics, Villa LED gen2 delivers the right amount light precisely where it is needed, enabling further energy savings. This urban lamp can even be equipped with our dedicated light recipe that preserves dark skies. Villa LED gen2 is also future ready with a choice of one or two System Ready (SR) sockets that enable the luminaire to be paired with both standalone and advanced control and lighting software applications such as Interact from Signify. In addition, every Villa LED gen2 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

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

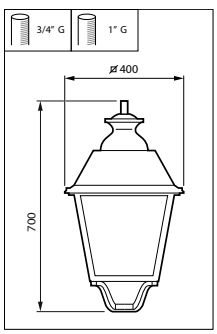
Versions

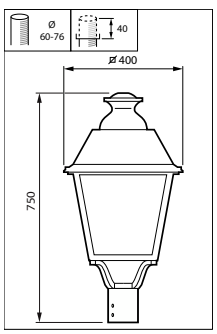
BDP768 40led without flush transition part

BDP768 BDP651 without spigot RET

BSP768 & BSP651 40led

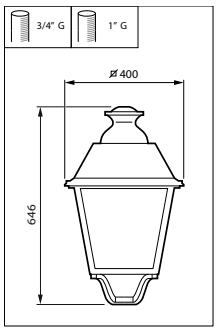
Dimensional drawing





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
Luminous Flux	3,450 lm
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

Mechanical and Housing	
Optical cover type	Flat glass
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	-

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
88107800	BSP768 LW LED50/830 II DM50 MK-BK FG BAL	BSP768

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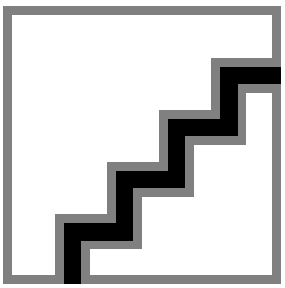
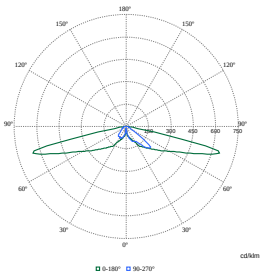
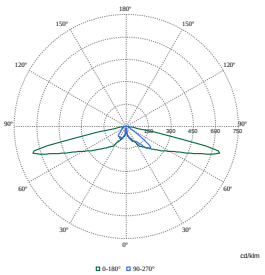
Polar Wide Diagrams







Polar Normal (separate) - BDP768I - 912300024430

Polar Normal (separate) - BDP768I - 912300024528

Polar Normal (separate) - BDP768I - 912300024527

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