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
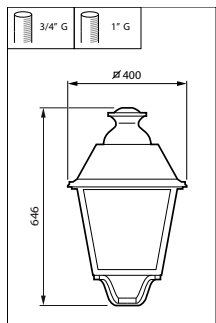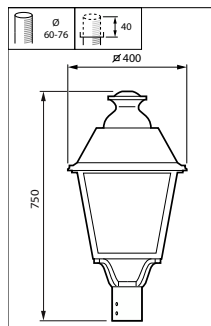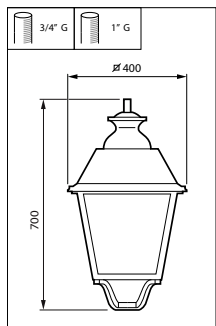· Cycle and pedestrian paths, squares, parks and playgrounds

Versions

BDP768 40led without flush transition part

BDP768 BDP651 without spigot RET

Dimensional drawing

Villa LED gen2

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

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
912300024527	BDP768 LED50/830 II DM50 MK–BK FG BALL 6	3,450 lm
912300024528	BDP768 LED50/830 II DM50 MK–BK FG BALL 3	3,450 lm
912300024430	BSP768 LW LED50/830 II DM50 MK–BK FG BAL	3,450 lm
912300060153	BSP768 LED50/830 II DM50 MK–BK GF BALL 3	3,100 lm
912300060154	BSP768 LED50/830 II DM50 MK–WH FG BALL 3	3,700 lm
912300060155	BSP768 LED50/830 II DM50 MK–WH GF BALL 3	3,250 lm

Mechanical and Housing

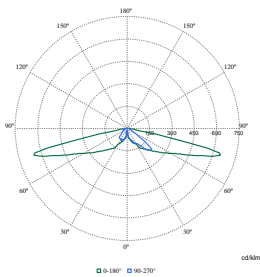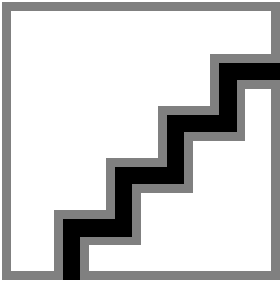| Order Code	Full Product Name	Optical cover type
912300024527	BDP768 LED50/830 II DM50 MK–BK FG BALL 6	Flat glass
912300024528	BDP768 LED50/830 II DM50 MK–BK FG BALL 3	Flat glass
912300024430	BSP768 LW LED50/830 II DM50 MK–BK FG BAL	Flat glass
912300060153	BSP768 LED50/830 II DM50 MK–BK GF BALL 3	Glass frosted
912300060154	BSP768 LED50/830 II DM50 MK–WH FG BALL 3	Flat glass
912300060155	BSP768 LED50/830 II DM50 MK–WH GF BALL 3	Glass frosted

Product Data

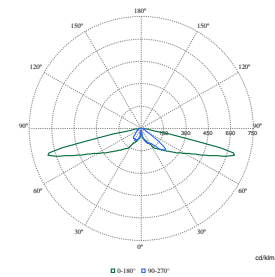| Order Code	Full Product Name	Product family code
912300024527	BDP768 LED50/830 II DM50 MK–BK FG BALL 6	BDP768
912300024528	BDP768 LED50/830 II DM50 MK–BK FG BALL 3	BDP768
912300024430	BSP768 LW LED50/830 II DM50 MK–BK FG BAL	BSP768
912300060153	BSP768 LED50/830 II DM50 MK–BK GF BALL 3	BSP768
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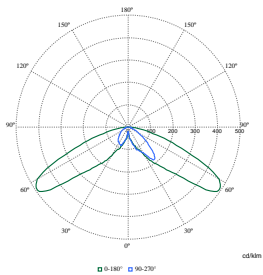
Polar Wide Diagrams

**Polar Normal (separate) – BDP768I –
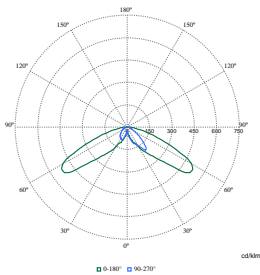912300024430**

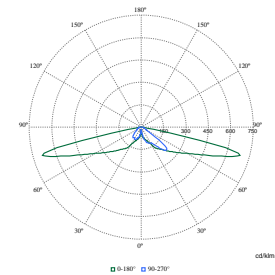**Polar Normal (separate) – BDP768I –
912300024528**

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912300060154**

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2025, May 8 – data subject to change