



# An iconic Iberian four-sided luminaire

## Villa LED

Villa LED retains the specific proportions and shape of the traditional four-sided luminaires originally used in 19th-century Madrid. It allows a remarkable balance between performance and heritage preservation. Now widely used across the Iberian Peninsula, Villa LED is suitable for lighting historical environments and traditional towns and villages. Villa LED also allows municipalities to enjoy the benefits of the latest technologies developed by Philips Lighting, including the CityTouch connected lighting system. Villa LED is also equipped with a dedicated light recipe that preserves a dark night sky.

### Benefits

- An iconic luminaire that fits both contemporary and historical environments
- Easy to maintain
- long life of the LED engine
- A complete lighting solution with a variety of brackets and columns
- Equipped with a service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

### Features

- Historical shape
- Energy-efficient luminaire
- Variety of mounting options: the luminaire can be combined with different columns, brackets and multiple-arm brackets

# Villa LED

## Application

- Main urban roads and streets
- Side and residential roads and streets
- City centres and historical areas
- Cycle and pedestrian paths
- Parking areas
- Squares, parks and playgrounds

## Specifications

<b>Type</b>	BDP765 (post-top version) BSP765 (suspended version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	Up to 79 W depending on configuration
<b>Luminous flux</b>	500 - 6,800 (warm white), 500 - 7,700 (neutral white) depending on configuration
<b>Luminaire efficacy</b>	Up to 122 lm/W
<b>Correlated Colour</b>	3000-4000 K
<b>Temperature</b>	
<b>Colour Rendering Index</b>	80 - 70
<b>Lumen maintenance at median useful life* 100,000 h</b>	up to L95
<b>Control gear failure rate at median useful life 100,000 h</b>	10%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-25 to +35 °C

<b>Driver</b>	Built-in (self ballasted LED-module) Philips Xitanium Driver
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), Starsense RF Wireless and CityTouch Ready, Photocell, MiniCell 35, 55, 75 lux)
<b>Optic</b>	Distribution Medium (DM, DN), Pedestrian Crossing, Symmetrical, Wide and Extra Wide, Louvre Tempered flat glass, clear or frosted
<b>Material</b>	Housing: high-pressure aluminium Glass: thermally hardened, 5 mm thick
<b>Colour</b>	Black N9 (MN332L) Other RAL or AKZO Futura colours available on request
<b>Maintenance</b>	Light module exchangeable by opening the canopy clip
<b>Installation</b>	Post Top: 60 and 76 mm spigot, solid and open frog Suspended 3/4 or 1'G Recommended mounting height: 4-6 m Weight: 10.5 kg max Max SCx: 0.26 m²

## Versions



Villa LED BDP765 pedestrian luminaire, post-top version



Villa LED BSP765 pedestrian luminaire, suspended version

# Villa LED

## Product details



Villa\_LED-BDP765-DP01.tif



Villa\_LED-BDP765-DP02.tif



Villa\_LED-BDP765-DP04.tif



Villa\_LED-BDP765-DP05.tif



Villa\_LED-BDP765-DP07.tif



Villa\_LED-BDP765-DP08.tif



Villa\_LED-BDP765-DP09.tif

## Approval and Application

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Surge protection level until 10 kV

## General Information

CE mark	CE mark
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Lamp version	4S
Number of gear units	1 unit
UL mark	-

## Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03

## Mechanical and Housing

Colour	Black
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## Application Conditions

Order Code	Full Product Name	Maximum dim level
08974000	BDP765 LED50-4S/740 PSU II DS50 GF BK	-
08977100	BDP765 LED69-4S/830 PSU II DM50 GF BK	-
08978800	BDP765 LED90-4S/830 PSR DM50 BK D4 50%	50%
08980100	BSP765 LED40-4S/830 PSD DN10 BK D9	10%
08981800	BSP765 LED60-4S/740 PSD DW50 GF BK D9	10%
08982500	BSP765 LED74-4S/740 PSD DM50 GF BK D9	10%
08983200	BSP765 LED80-4S/740 PSD DM50 BK D9	10%

## Controls and Dimming

Order Code	Full Product Name	Dimmable
08974000	BDP765 LED50-4S/740 PSU II DS50 GF BK	No
08977100	BDP765 LED69-4S/830 PSU II DM50 GF BK	No
08978800	BDP765 LED90-4S/830 PSR DM50 BK D4 50%	Yes
08980100	BSP765 LED40-4S/830 PSD DN10 BK D9	Yes

Order Code	Full Product Name	Dimmable
08981800	BSP765 LED60-4S/740 PSD DW50 GF BK D9	Yes
08982500	BSP765 LED74-4S/740 PSD DM50 GF BK D9	Yes
08983200	BSP765 LED80-4S/740 PSD DM50 BK D9	Yes

## Operating and Electrical

Order Code	Full Product Name	Driver current
08974000	BDP765 LED50-4S/740 PSU II DS50 GF BK	362 mA
08977100	BDP765 LED69-4S/830 PSU II DM50 GF BK	670 mA
08978800	BDP765 LED90-4S/830 PSR DM50 BK D4 50%	650 mA
08980100	BSP765 LED40-4S/830 PSD DN10 BK D9	355 mA

Order Code	Full Product Name	Driver current
08981800	BSP765 LED60-4S/740 PSD DW50 GF BK D9	320 mA
08982500	BSP765 LED74-4S/740 PSD DM50 GF BK D9	563 mA
08983200	BSP765 LED80-4S/740 PSD DM50 BK D9	445 mA

## General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical cover/ lens type	Lamp family code
08974000	BDP765 LED50-4S/740 PSU II DS50 GF BK	152° x 155°	740 neutral white	GF	LED50
08977100	BDP765 LED69-4S/830 PSU II DM50 GF BK	30° - 5° x 153°	830 warm white	GF	LED69
08978800	BDP765 LED90-4S/830 PSR DM50 BK D4 50%	30° - 5° x 153°	830 warm white	FG	LED90

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical cover/ lens type	Lamp family code
08980100	BSP765 LED40-4S/830 PSD DN10 BK D9	26° - 7° x 157°	830 warm white	FG	LED40
08981800	BSP765 LED60-4S/740 PSD DW50 GF BK D9	23° - 8° x 152°	740 neutral white	GF	LED60
08982500	BSP765 LED74-4S/740 PSD DM50 GF BK D9	30° - 5° x 153°	740 neutral white	GF	LED74

## Villa LED

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical cover/ lens type	Lamp family code
08983200	BSP765 LED80-4S/740 PSD DM50 BK D9	30° - 5° x 153°	740 neutral white	FG	LED80

### General Information (2/2)

Order Code	Full Product Name	Light regulation percentage	Number of light sources	Optic type	Product Family Code
08974000	BDP765 LED50-4S/740 PSU II DS50 GF BK	-	30	Distribution symmetrical 50	BDP765
08977100	BDP765 LED69-4S/830 PSU II DM50 GF BK	-	30	Distribution medium 50	BDP765
08978800	BDP765 LED90-4S/830 PSR DM50 BK D4 50%	50%	40	Distribution medium 50	BDP765
08980100	BSP765 LED40-4S/830 PSD DN10 BK D9	-	30	Distribution narrow 10	BSP765

Order Code	Full Product Name	Light regulation percentage	Number of light sources	Optic type	Product Family Code
08981800	BSP765 LED60-4S/740 PSD DW50 GF BK D9	-	40	Distribution wide 50	BSP765
08982500	BSP765 LED74-4S/740 PSD DM50 GF BK D9	-	30	Distribution medium 50	BSP765
08983200	BSP765 LED80-4S/740 PSD DM50 BK D9	-	40	Distribution medium 50	BSP765

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
08974000	BDP765 LED50-4S/740 PSU II DS50 GF BK	4000 K	≥70	2600 lm
08977100	BDP765 LED69-4S/830 PSU II DM50 GF BK	3000 K	≥80	3640 lm
08978800	BDP765 LED90-4S/830 PSR DM50 BK D4 50%	3000 K	≥80	7020 lm
08980100	BSP765 LED40-4S/830 PSD DN10 BK D9	3000 K	≥80	3080 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
08981800	BSP765 LED60-4S/740 PSD DW50 GF BK D9	4000 K	≥70	3120 lm
08982500	BSP765 LED74-4S/740 PSD DM50 GF BK D9	4000 K	≥70	3848 lm
08983200	BSP765 LED80-4S/740 PSD DM50 BK D9	4000 K	≥70	6400 lm

