

Villa LED

BSP765 LED10-4S/830 PSDD DS50 BK DDF2A D

VILLA LED, LED Module 1000 lm, 830 warm white, Power supply unit with DynaDimmer, Safety class I, Distribution symmetrical 50, Flat glass, Black, DynaDimmer with fixed presets version 2A

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 dedicated light recipe that preserves a dark night sky.

Product data

General Information	
Lamp family code	LED10 [LED Module 1000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore, the median useful life (B50) value also represents the B10 value.
Light source engine type	LED

Product family code	BDP765 [VILLA LED]
Lighting Technology	LED
Embedded control	DynaDimmer with fixed presets version 2A
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical	
Upward light output ratio	0.03
Luminous Flux	891 lm
Standard tilt angle posttop	0°

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Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	86 lm/W
Color rendering index (CRI)	≥80
Number of light sources	12
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	10.4 W
Power Factor (Fraction)	0.82
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Glass
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	Suspension set simple, standard
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	440 mm
Overall width	440 mm
Overall height	771 mm
Effective projected area	0.26 m²
Dimensions (Height x Width x Depth)	771 x 440 x 440 mm

Approval and Application

Ingress protection code	IP44 [Wire-protected, splash-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BSP765 LED10-4S/830 PSDD DS50 BK DDF2A D
Full product name	BSP765 LED10-4S/830 PSDD DS50 BK DDF2A D
Full product code	871869908979500
Order code	912300023469
Material Nr. (12NC)	912300023469
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699089795
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699089795

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Dimensional drawing

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