PHILIPS Lighting



Villa LED

BDP765 LED14-4S/830 PSDD DS50 BK DDF27 D

VILLA LED, LED module 1400 lm, 830 warm white, Power supply unit with DynaDimmer, Safety class I, Distribution symmetrical 50, Flat glass, Black, DynaDimmer with fixed presets version 27

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	LED14 [LED module 1400 lm]
ight source replaceable	Yes
lumber 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 27
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	1,134 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)	89 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	Ele	etrical
Operating	anu	Ele	curical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	12.8 W
Power Factor (Fraction)	0.81
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type	20

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Temperature

Ambient temperature range

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

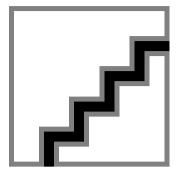
-40 to +50 °C

Reflector material	01035
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	Decorative frog version 1
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	440 mm

Overall width	440 mm
Overall height	764 mm
Effective projected area	0.26 m²
Dimensions (Height x Width x Depth)	764 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
life 100000 h Lumen maintenance at median useful life* 100000 h	L96
life' 100000 n	
Application Conditions	
Performance ambient temperature Tq	
	25 °C
Product Data	25 °C
	25 °C BDP765 LED14-4S/830 PSDD DS50 BK
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Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BDP765 LED14-4S/830 PSDD DS50 BK DDF27 D BDP765 LED14-4S/830 PSDD DS50 BK DDF27 D 871869908975700 08975700 912300023465 1
Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BDP765 LED14-4S/830 PSDD DS50 BK DDF27 D BDP765 LED14-4S/830 PSDD DS50 BK DDF27 D 871869908975700 912300023465 1 8718699089757

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Dimensional drawing





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