



Villa LED

BDP765 LED34-4S/740 PSDD DN10 BK DDF2 D1

VILLA LED, LED module 3400 lm, 740 neutral white, Power supply unit with DynaDimmer, Safety class I, Distribution narrow 10, Flat glass, Black, DynaDimmer with fixed presets version 2

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	LED34 [LED module 3400 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. * At	
	extreme ambient temperatures the luminaire	

	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BDP765 [VILLA LED]
Lighting Technology	LED
Embedded control	DynaDimmer with fixed presets version 2
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

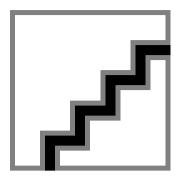
Datasheet, 2023, September 4 data subject to change

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Luminous Flux	2,652 lm	Overall length	440 mm
Standard tilt angle posttop	0°	Overall width	440 mm
Standard tilt angle side entry	0°	Overall height	764 mm
Correlated Color Temperature (Nom)	4000 K	Effective projected area	0.26 m ²
Luminous Efficacy (rated) (Nom)	118 lm/W	Dimensions (Height x Width x Depth)	764 x 440 x 440 mm
Color rendering index (CRI)	≥70		
Number of light sources	20	Approval and Application	
Light source color	740 neutral white	Ingress protection code	IP44 [Wire-protected, splash-proof]
Optical cover type	Flat glass	Mech. impact protection code	IK09 [10 J]
Luminaire light beam spread	26° - 7° x 157°	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
Optic type outdoor	Distribution narrow 10		differential mode and 10 kV common mode
		Protection class IEC	Safety class I
Operating and Electrical			
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
Inrush current	22 A	Initial chromaticity	(0.381, 0.379) SDCM <5
Inrush time	0.29 ms	Power consumption tolerance	+/-10%
Power Consumption	22.5 W	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction)	0.97		
Connection	Screw connector	Over Time Performance (IEC Compliant)	
Cable	-	Control gear failure rate at median	10 %
Number of products on MCB of 16 A typ	e 20	useful life 100000 h	
В		Lumen maintenance at median useful	L95
		life* 100000 h	
Temperature			
Ambient temperature range	-40 to +50 °C	Application Conditions	
		Performance ambient temperature Tq	25 °C
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit with DynaDimmer	Order product name	BDP765 LED34-4S/740 PSDD DN10 BK DDF2
Constant light output	No		D1
		Full product name	BDP765 LED34-4S/740 PSDD DN10 BK DDF2
Mechanical and Housing			D1
Housing Material	Aluminum	Full product code	871869908976400
Reflector material	Glass	Order code	912300023466
Optic material	Polymethyl methacrylate	Material Nr. (12NC)	912300023466
Optical cover material	Glass	Numerator - Quantity Per Pack	1
Fixation material	Aluminum	EAN/UPC - Product/Case	8718699089764
Housing Color	Black	Numerator - Packs per outer box	1
Mounting device	Decorative frog version 1	EAN/UPC - Case	8718699089764
Optical cover shape	Flat		
Optical cover finish	Clear		

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Dimensional drawing





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