



Villa LED

BSP765 LED40-4S/830 PSD DN10 BK D9

VILLA LED, LED module 4000 lm, 830 warm white, Power supply unit with DALI interface, Safety class I, Distribution narrow 10, Flat glass, Black

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	LED40 [LED module 4000 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	BSP765 [VILLA LED]	
Lighting Technology	LED	
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	3,080 lm	

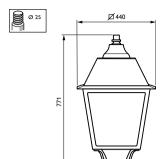
Datasheet, 2023, September 4 data subject to change

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Standard tilt angle posttop	0°	Overall length	440 mm
Standard tilt angle side entry	0°	Overall width	440 mm
Correlated Color Temperature (Nom)	3000 K	Overall height	771 mm
Luminous Efficacy (rated) (Nom)	103 lm/W	Effective projected area	0.26 m²
Color rendering index (CRI)	≥80	Dimensions (Height x Width x Depth)	771 x 440 x 440 mm
Number of light sources	30		
Light source color	830 warm white	Approval and Application	
Optical cover type	Flat glass	Ingress protection code	IP44 [Wire-protected, splash-proof]
Luminaire light beam spread	26° - 7° x 157°	Mech. impact protection code	IK09 [10 J]
Optic type outdoor	Distribution narrow 10	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
			differential mode and 10 kV common mode
Operating and Electrical		Protection class IEC	Safety class I
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Initial Performance (IEC Compliant)
Inrush current	46 A	Luminous flux tolerance	+/-7%
Inrush time	0.25 ms	Initial chromaticity	(0.381, 0.379) SDCM <5
Power Consumption	30 W	Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.89	Init. Color Rendering Index Tolerance	+/-2
Connection	Screw connector		
Cable	-	Over Time Performance (IEC Comp	liant)
Number of products on MCB of 16 A type 11		Control gear failure rate at median useful 10 $\%$	
В		life 100000 h	
		Lumen maintenance at median useful	L95
Temperature		life* 100000 h	
Ambient temperature range	-40 to +50 °C		
		Application Conditions	
Controls and Dimming			
		Performance ambient temperature Tq	25 ℃
Dimmable	Yes	Performance ambient temperature Tq Maximum dim level	25 °C 10%
Dimmable Driver/power unit/transformer	Yes Power supply unit with DALI interface		
Driver/power unit/transformer	Power supply unit with DALI interface	Maximum dim level	
Driver/power unit/transformer Control interface	Power supply unit with DALI interface DALI	Maximum dim level Product Data	10%
Driver/power unit/transformer Control interface	Power supply unit with DALI interface DALI	Product Data Order product name	BSP765 LED40-4S/830 PSD DN10 BK D9
Driver/power unit/transformer Control interface Constant light output	Power supply unit with DALI interface DALI	Product Data Order product name Full product name	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Power supply unit with DALI interface DALI No	Product Data Order product name Full product code	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material	Power supply unit with DALI interface DALI No Aluminum	Product Data Order product name Full product code Order code	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material	Power supply unit with DALI interface DALI No Aluminum Glass	Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470 912300023470
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material	Power supply unit with DALI interface DALI No Aluminum Glass Polymethyl methacrylate	Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470 912300023470 1
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material	Power supply unit with DALI interface DALI No Aluminum Glass Polymethyl methacrylate Glass	Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470 912300023470 1 8718699089801
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material	Power supply unit with DALI interface DALI No Aluminum Glass Polymethyl methacrylate Glass Aluminum	Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470 912300023470 1 8718699089801 1
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color	Power supply unit with DALI interface DALI No Aluminum Glass Polymethyl methacrylate Glass Aluminum Black	Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470 912300023470 1 8718699089801 1
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material Housing Color Mounting device	Power supply unit with DALI interface DALI No Aluminum Glass Polymethyl methacrylate Glass Aluminum Black Suspension set simple, standard	Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BSP765 LED40-4S/830 PSD DN10 BK D9 BSP765 LED40-4S/830 PSD DN10 BK D9 871869908980100 912300023470 912300023470 1 8718699089801 1

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Dimensional drawing





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