



# Villa LED

## BSP765 LED74-4S/740 PSD DM50 GF BK D9

VILLA LED, LED module 7400 lm, 740 neutral white, Power supply unit with DALI interface, Safety class I, Distribution medium 50, Glass frosted, 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	LED74 [LED module 7400 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. $^{\ast}\mathrm{At}$	
	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	3,848 lm	

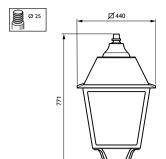
Datasheet, 2023, September 4 data subject to change

### Villa LED

		_	
Standard tilt angle posttop	0°	Overall length	440 mm
Standard tilt angle side entry	O°	Overall width	440 mm
Correlated Color Temperature (Nom)	4000 K	Overall height	771 mm
Luminous Efficacy (rated) (Nom)	85 lm/W	Effective projected area	0.26 m <sup>2</sup>
Color rendering index (CRI)	≥70	Dimensions (Height x Width x Depth)	771 x 440 x 440 mm
Number of light sources	30	_	
Light source color	740 neutral white	Approval and Application	
Optical cover type	Glass frosted	Ingress protection code	IP44 [Wire-protected, splash-proof]
Luminaire light beam spread	30° - 5° x 153°	Mech. impact protection code	IK09 [10 J]
Optic type outdoor	Distribution medium 50	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	45.5 W	Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.96	Init. Color Rendering Index Tolerance	+/-2
Connection	Screw connector		
Cable	-	Over Time Performance (IEC Compliant)	
Number of products on MCB of 16 A typ	<b>ne</b> 9	Control gear failure rate at median	10 %
В		useful life 100000 h	
		Lumen maintenance at median useful	L92
Temperature		life* 100000 h	
Ambient temperature range	-40 to +50 °C	_	
		Application Conditions	
Controls and Dimming		Performance ambient temperature Tq	25 ℃
Dimmable	Yes	Maximum dim level	10%
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI	Product Data	
Constant light output	No	Order product name	BSP765 LED74-4S/740 PSD DM50 GF BK D9
		Full product name	BSP765 LED74-4S/740 PSD DM50 GF BK D9
Mechanical and Housing		Full product code	871869908982500
Housing Material	Aluminum	Order code	912300023472
Reflector material	Glass	Material Nr. (12NC)	912300023472
Optic material	Polymethyl methacrylate	Numerator - Quantity Per Pack	1
Optical cover material	Glass	EAN/UPC - Product/Case	8718699089825
Fixation material	Aluminum	Numerator - Packs per outer box	1
Housing Color	Black	EAN/UPC - Case	8718699089825
Mounting device	Suspension set simple, standard	_	
Optical cover shape	Flat	_	
Optical cover finish	Frosted	_	
		_	

### Villa LED

#### Dimensional drawing





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