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. * 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

Villa LED

Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color rendering index (CRI)	≥70
Number of light sources	30
Light source color	740 neutral white
Optical cover type	Glass frosted
Luminaire light beam spread	30° – 5° x 153°
Optic type outdoor	Distribution medium 50

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	45.5 W
Power Factor (Fraction)	0.96
Connection	Screw connector
Cable	–
Number of products on MCB of 16 A type B	9

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	Frosted

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	L92

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	10%

Product Data

Order product name	BSP765 LED74-4S/740 PSD DM50 GF BK D9
Full product name	BSP765 LED74-4S/740 PSD DM50 GF BK D9
Full product code	871869908982500
Order code	912300023472
Material Nr. (12NC)	912300023472
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699089825
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699089825

Villa LED

Dimensional drawing

www.lighting.philips.com

2023, September 4 – data subject to change