PHILIPS Lighting



Jargeau 400 LED

BSP641 LED14-4S/830 PSU II DS50 GF BK G1

JARGEAU 400 GEN2 LED, LED module 1400 lm, 830 warm white, Safety class II, Distribution symmetrical 50, Glass frosted, Black, Suspension set simple, standard

Jargeau 400 LED combines the symbolic features of the first four-sided street lamps of the 19th century with the technical performance of 21st century luminaires. It incorporates the energy-efficient LEDGINE - O engine with high-performance optics, while at the same time retaining the character of the original four-sided fixture. Designed for installation at heights of 4-6 meters, this luminaire is well suited to urban landscapes and ideal for illuminating city centers, historical areas, old villages, streets, alleys, squares and parks. Jargeau 400 LED can also enable the benefits of the latest technologies developed by Philips Lighting, including the CityTouch connected lighting system.

Product data

General Information	
Lamp family code	LED14 [LED module 1400 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
Service tag	Yes
Product family code	BSP641 [JARGEAU 400 GEN2 LED]
Lighting Technology	LED
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Jargeau 400 LED

Light Technical	
Upward light output ratio	0.03
Luminous Flux	742 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	64 lm/W
Color rendering index (CRI)	≥80
Number of light sources	12
Light source color	830 warm white
Optical cover type	Glass frosted
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Optical cover shape	Flat
Optical cover finish	Frosted
Fixation diameter	Mounting device diameter 1"
Overall length	400 mm
Overall width	400 mm
Overall height	840 mm
Effective projected area	0.13 m²
Dimensions (Height x Width x Depth)	840 x 400 x 400 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	4/4 kV

Safety class II

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	11.6 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	20
В	

Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	Suspension set simple, standard

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.433, 0.403) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compliant)	
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	96
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃

Protection class IEC

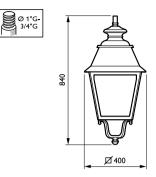
Initial Performance (IEC Compliant)

Product Data	
Order product name	BSP641 LED14-4S/830 PSU II DS50 GF BK G1
Full product name	BSP641 LED14-4S/830 PSU II DS50 GF BK G1
Full product code	871869910891500
Order code	10891500
Material Nr. (12NC)	912300023777
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699108915
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699108915

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Jargeau 400 LED

Dimensional drawing





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