



Jargeau 400 LED

BPP641 LED43-4S/740 PSU II DS50 FG BK 76

JARGEAU 400 GEN2 LED, LED module 4300 lm, 740 neutral white, Safety class II, Distribution symmetrical 50, Flat glass, Black, Post-top for diameter 76 mm

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	LED43 [LED module 4300 lm]		might automatically dim down to protect components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BPP641 [JARGEAU 400 GEN2 LED]
Driver included	Yes	Lighting Technology	LED
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	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

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Luminous Flux	3,440 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	127 lm/W
Color rendering index (CRI)	≥70
Number of light sources	20
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

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	27 W
Power Factor (Fraction)	0.97
Connection	Plug-in connector 2-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	20

Temperature

Ambient temperature range	-40 to +50 °C
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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	Post-top for diameter 76 mm
Optical cover shape	Flat

Optical cover finish	Clear
Fixation diameter	Mounting device diameter 76 mm
Overall length	400 mm
Overall width	400 mm
Overall height	864 mm
Effective projected area	0.13 m²
Dimensions (Height x Width x Depth)	864 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
Protection class IEC	Safety class II

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	95

Application Conditions

Performance ambient temperature Tq	25 °C
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Product Data

Order product name	BPP641 LED43-4S/740 PSU II DS50 FG BK 76
Full product name	BPP641 LED43-4S/740 PSU II DS50 FG BK 76
Full product code	871869910894600
Order code	912300023780
Material Nr. (12NC)	912300023780
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699108946
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699108946

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Dimensional drawing

