



Jargeau 400 LED

BPP641 LED80-4S/830 PSU DM70 GF BK 60

JARGEAU 400 GEN2 LED, LED module 8000 lm, 830 warm white, Safety class I, Distribution medium 70, Glass frosted, Black, Post-top for diameter 60 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	LED80 [LED module 8000 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	BPP641 [JARGEAU 400 GEN2 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

Datasheet, 2023, September 4 data subject to change

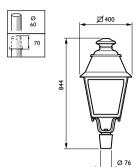
Jargeau 400 LED

Luminous Flux	4,240 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	71 lm/W
Color rendering index (CRI)	≥80
Number of light sources	40
Light source color	830 warm white
Optical cover type	Glass frosted
Luminaire light beam spread	120° x 120°
Optic type outdoor	Distribution medium 70
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	60 W
Power Factor (Fraction)	0.98
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	11
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
Optic material Optical cover material	Polymethyl methacrylate
Optical cover material	Glass
Optical cover material Fixation material	Glass Aluminum
Optical cover material Fixation material Housing Color	Glass Aluminum Black

Optical cover finish	Frosted
Fixation diameter	Mounting device diameter 60 mm
Overall length	400 mm
Overall width	400 mm
Overall height	844 mm
Effective projected area	0.13 m²
Dimensions (Height x Width x Depth)	844 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 I
Initial Performance (IEC Compliant)	
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 Compl	iant)
Over Time Performance (IEC Compi	
Control gear failure rate at median useful	
Control gear failure rate at median useful life 100000 h	10%
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10%
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	10%
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	10%
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Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name	91 25 °C BPP641 LED80-4S/830 PSU DM70 GF BK 60
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Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product code	91 25 °C BPP641 LED80-4S/830 PSU DM70 GF BK 60 BPP641 LED80-4S/830 PSU DM70 GF BK 60 871869910889200
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code	91 25 °C BPP641 LED80-4S/830 PSU DM70 GF BK 60 BPP641 LED80-4S/830 PSU DM70 GF BK 60 871869910889200 912300023775
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	91 25 °C BPP641 LED80-4S/830 PSU DM70 GF BK 60 BPP641 LED80-4S/830 PSU DM70 GF BK 60 871869910889200 912300023775 912300023775
Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	91 25 °C BPP641 LED80-4S/830 PSU DM70 GF BK 60 BPP641 LED80-4S/830 PSU DM70 GF BK 60 871869910889200 912300023775 912300023775 1

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Dimensional drawing





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