



Jargeau 400 LED

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

JARGEAU 400 GEN2 LED - LED module 1400 lm - 4th generation, screw fixation - 830 warm white - Safety class II (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		Connection	
Number of light sources	12 [12 pcs]	Connection	Plug-in connector 2-pole Wieland/Adels compatible
Lamp family code	LED14 [LED module 1400 lm]	Cable	-
Lamp version	4S [4th generation, screw fixation]	Protection class IEC	Safety class II (II)
Light source colour	830 warm white	Flammability mark	NO [-]
Light source replaceable	Yes	CE mark	CE mark
Number of gear units	1 unit	ENEC mark	ENEC mark
Driver/power unit/transformer	PSU [Power supply unit]	Warranty period	5 years
Driver included	Yes	Outdoor optic type	Distribution symmetrical 50
Optical cover/lens type	GF [Glass frosted]	Remarks	*-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there
Luminaire light beam spread	152° x 155°		

Jargeau 400 LED

	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
Constant light output	No
Number of products on MCB	20
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BSP641 [JARGEAU 400 GEN2 LED]

Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	0°
Standard tilt angle side entry	-

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 or 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power factor (min.)	0.9

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	SMS [Suspension set simple, standard]
Optical cover/lens shape	Flat
Optical cover/lens 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 m ²
Colour	Black

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

Initial Performance (IEC Compliant)

Initial luminous flux	742 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	64 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.433, 0.403) SDCM <3
Initial input power	11.6 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	96

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871869910891500
Order product name	BSP641 LED14-4S/830 PSU II DS50 GF BK G1
EAN/UPC – product	8718699108915
Order code	10891500
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023777
Net weight (piece)	13.158 kg

Jargeau 400 LED

Dimensional drawing



Jargeau 400 LED BPP641/BSP641

