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	0°
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

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 B	20

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

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
Protection class IEC	Safety class II

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 Compliant)

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

Application Conditions

Performance ambient temperature Tq	25 °C

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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Dimensional drawing

www.lighting.philips.com

2023, April 30 – data subject to change