Jargeau 400 LED – combining historical design with modern lighting technology

Jargeau 400 LED

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.

Benefits
- Iconic luminaire that fits both contemporary and historical environments
- High-performing LEDGINE - O engine
- Easy to maintain
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features
- LED luminaire offering a high level of energy efficiency and an extensive range of dimming options
- Wide range of high-performance optics
- Variety of mounting options: luminaire can be combined with different columns, brackets and multiple-arm brackets

Jargeau 400 LED

Application
· City centers and historical areas
· Side and residential road and streets
· Cycle and pedestrian paths
· Squares, parks and playgrounds

Specifications

Type	BPP641 (post-top version)
	BSP641 (suspended version)
Light source	Integral LED-module
Power	Up to 79 W, depending on configuration
Luminous flux	500 - 6800 (warm white), 500 - 7700 (neutral white), depending on configuration
Luminaire efficacy	Up to 122 lm/W
Correlated Color Temperature	3000 - 4000 K
Color Rendering Index	80 - 70
Lumen maintenance at median useful life* 100000 h	up to L96
Control gear failure rate at median useful life 100000 h	10%
Performance Ambient Temperature Tq	+25 ºC
Average ambient temperature	+25 ºC
Operating temperature range	–25 to +35 ºC

Driver	Built-in (self ballasted LED-module)
	Philips Xitanium Driver
Mains voltage	220-240 V / 50-60 Hz
Dimming	LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), Starsense RF Wireless and CityTouch Ready, Photocell, MiniCell 35, 55, 75 lux
Optic	Distribution Medium (DM,DN), Pedestrian Crossing, Symmetrical, Wide and extra Wide, Louver
Optical cover	Tempered flat glass, clear or frosted
Material	Housing: high-pressure aluminum
	Glass: thermally hardened, 5 mm thick
Color	Black N9 (MN332L)
	Other RAL or AKZO Futura colors available on request
Maintenance	Light module exchangeable by opening screw at the top of the canopy
Installation	Post top: 60 and 76 mm spigot, solid and open frog Suspended 3/4 or 1'G
	Recommended mounting height: 4 - 6 m
	Weight: 12 kg max
	Max SCx: 0.13 m²

Versions

Jargeau 400 LED – LED module 8000 lm – 4th generation, screw fixation

Jargeau 400 LED – LED GreenLine 1400 lm

Jargeau 400 LED

Product details

Jargeau_400_LED-BPP641-DP01.tif

Jargeau_400_LED-BPP641-DP02.tif

Jargeau_400_LED-BPP641-DP03.tif

Jargeau_400_LED-BPP641-DP04.tif

Jargeau_400_LED-BPP641-DP05.tif

Jargeau_400_LED-BPP641-DP06.tif

Jargeau_400_LED-BPP641-DP07.tif

Jargeau 400 LED

Approval and Application

Mech. impact protection code	IK09
Surge Protection (Common/ Differential)	4/4 kV

Controls and Dimming

Dimmable	No

General Information

CE mark	CE mark
Driver included	Yes
Flammability mark	–
Light source replaceable	Yes
Lamp version	4S
Number of gear units	1 unit
Product Family Code	BGP641

Light Technical

Standard tilt angle side entry	–
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and Housing

Color	Black

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Optical cover/lens type	Lamp family code
912300023775	BPP641 LED80-4S/830 PSU DM70 GF BK 60	120° x 120°	830 warm white	Glass frosted	LED80
912300023776	BPP641 LED43-4S/740 PSU DN11 FG BK DEF2	88° x 157°	740 neutral white	Flat glass	LED43
912300023779	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	17° – 5° x 132°	830 warm white	Glass frosted	LED25
912300023780	BPP641 LED43-4S/740 PSU II DS50 FG BK 76	152° x 155°	740 neutral white	Flat glass	LED43
912300023777	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	152° x 155°	830 warm white	Glass frosted	LED14

General Information (2/2)

Order Code	Full Product Name	Number of light sources	Optic type	Service tag
912300023775	BPP641 LED80-4S/830 PSU DM70 GF BK 60	40 pcs	Distribution medium 70	–
912300023776	BPP641 LED43-4S/740 PSU DN11 FG BK DEF2	20 pcs	Distribution narrow 11	–
912300023779	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	20 pcs	Distribution extra wide 50	–

Order Code	Full Product Name	Number of light sources	Optic type	Service tag
912300023780	BPP641 LED43-4S/740 PSU II DS50 FG BK 76	20 pcs	Distribution symmetrical 50	–
912300023777	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	12 pcs	Distribution symmetrical 50	Yes

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023775	BPP641 LED80-4S/830 PSU DM70 GF BK 60	3000 K	≥80	4240 lm
912300023776	BPP641 LED43-4S/740 PSU DN11 FG BK DEF2	4000 K	≥70	3354 lm
912300023779	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	3000 K	≥80	1900 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023780	BPP641 LED43-4S/740 PSU II DS50 FG BK 76	4000 K	≥70	3440 lm
912300023777	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	3000 K	≥80	742 lm

Jargeau 400 LED