



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

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

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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 - 6,800 (warm white), 500 - 7,700 (neutral white), depending on configuration
Luminaire efficacy	Up to 122 lm/W
Correlated Colour	3000-4000 K
Temperature	
Colour Rendering Index	80 - 70
Lumen maintenance at median useful life*	up to L96
100,000 h	
Control gear failure rate at median useful life	10%
100,000 h	
Performance Ambient Temperature Tq	+25 °C
Average ambient temperature	+25 °C
Operating temperature range	-25 to +35 °C

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, Louvre
Optical cover	Tempered flat glass, clear or frosted
Material	Housing: high-pressure aluminium Glass: thermally hardened, 5 mm thick
Colour	Black N9 (MN332L) Other RAL or AKZO Futura colours available on request
Maintenance	Light module exchangeable by opening a 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 m ²

Versions



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



Jargeau 400 LED - LED GreenLine
1400 lm

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Product details



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Jargeau_400_LED-BPP641-DP02.tif



Jargeau_400_LED-BPP641-DP03.tif



Jargeau_400_LED-BPP641-DP04.tif



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Approval and Application

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

Controls and Dimming

Dimmable	No
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General Information

CE mark	CE mark
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	NO
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

Colour	Black
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General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical cover/lens type	Lamp family code
10889200	BPP641 LED80-4S/830 PSU DM70 GF BK 60	120° x 120°	830 warm white	GF	LED80
10890800	BPP641 LED43-4S/740 PSU DN11 FG BK DEF2	88° x 157°	740 neutral white	FG	LED43
10893900	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	17° - 5° x 132°	830 warm white	GF	LED25
10894600	BPP641 LED43-4S/740 PSU II DS50 GF BK 76	152° x 155°	740 neutral white	FG	LED43
10891500	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	152° x 155°	830 warm white	GF	LED14

General Information (2/2)

Order Code	Full Product Name	Optic type
10889200	BPP641 LED80-4S/830 PSU DM70 GF BK 60	Distribution medium 70
10890800	BPP641 LED43-4S/740 PSU DN11 FG BK DEF2	Distribution narrow 11
10893900	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	Distribution extra wide 50

Order Code	Full Product Name	Optic type
10894600	BPP641 LED43-4S/740 PSU II DS50 FG BK 76	Distribution symmetrical 50
10891500	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	Distribution symmetrical 50

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
10889200	BPP641 LED80-4S/830 PSU DM70 GF BK 60	3000 K	≥80	4240 lm
10890800	BPP641 LED43-4S/740 PSU DN11 FG BK DEF2	4000 K	≥70	3354 lm
10893900	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	3000 K	≥80	1325 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
10894600	BPP641 LED43-4S/740 PSU II DS50 FG BK 76	4000 K	≥70	3440 lm
10891500	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	3000 K	≥80	742 lm

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