



# 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

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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

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

<b>Driver</b>	Built-in (self ballasted LED-module) Philips Xitanium Driver
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), Starsense RF Wireless and CityTouch Ready, Photocell, MiniCell 35, 55, 75 lux
<b>Optic</b>	Distribution Medium (DM, DN), Pedestrian Crossing, Symmetrical, Wide and extra Wide, Louver
<b>Optical cover</b>	Tempered flat glass, clear or frosted
<b>Material</b>	Housing: high-pressure aluminum Glass: thermally hardened, 5 mm thick
<b>Color</b>	Black N9 (MN332L) Other RAL or AKZO Futura colors available on request
<b>Maintenance</b>	Light module exchangeable by opening screw at the top of the canopy
<b>Installation</b>	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 <sup>2</sup>

## 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



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

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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
Light source color	830 warm white
Optical cover/lens type	GF
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Lamp version	4S
Number of gear units	1 unit
Product Family Code	BGP641

## Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80

## Light Technical

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

## Mechanical and Housing

Color	Black
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## General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Lamp family code	Number of light sources	Optic type
10889200	BPP641 LED80-4S/830 PSU DM70 GF BK 60	120° x 120°	LED80	40	Distribution medium 70
10893900	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	17° - 5° x 132°	LED25	20	Distribution extra wide 50
10891500	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	152° x 155°	LED14	12	Distribution symmetrical 50

## General Information (2/2)

Order Code	Full Product Name	Service tag
10889200	BPP641 LED80-4S/830 PSU DM70 GF BK 60	-
10893900	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	-

Order Code	Full Product Name	Service tag
10891500	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	Yes

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
10889200	BPP641 LED80-4S/830 PSU DM70 GF BK 60	4240 lm
10893900	BPP641 LED25-4S/830 PSU II DX50 GF BK 60	1900 lm

Order Code	Full Product Name	Initial luminous flux
10891500	BSP641 LED14-4S/830 PSU II DS50 GF BK G1	742 lm

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