



# Jargeau 400 LED

## BSP641 LED17-4S/740 PSU DM12 FG BK G3/4

Jargeau 400 LED, LED module 1700 lm, 740 neutral white, Safety class I, Distribution medium 12, Flat glass, 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         | LED17 [LED module 1700 lm]                                                                         | Flammability mark                  | -                 |
| Light source replaceable | Yes                                                                                                | ENEC mark                          | ENEC mark         |
| Number of gear units     | 1 unit                                                                                             | EU RoHS compliant                  | Yes               |
| Driver included          | Yes                                                                                                | Light Technical                    |                   |
| Remarks                  | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | Upward light output ratio          | 0.03              |
| Light source engine type | LED                                                                                                | Luminous Flux                      | 1,323 lm          |
| Product family code      | BGP641 [Jargeau 400 LED]                                                                           | Standard tilt angle posttop        | 0°                |
| Lighting Technology      | LED                                                                                                | Standard tilt angle side entry     | -                 |
| CE mark                  | Yes                                                                                                | Correlated Color Temperature (Nom) | 4000 K            |
| Warranty period          | 5 years                                                                                            | Luminous Efficacy (rated) (Nom)    | 102 lm/W          |
|                          |                                                                                                    | Color rendering index (CRI)        | ≥70               |
|                          |                                                                                                    | Light source color                 | 740 neutral white |

## Jargeau 400 LED

|                             |                        |
|-----------------------------|------------------------|
| Optical cover type          | Flat glass             |
| Luminaire light beam spread | 88° x 157°             |
| Optic type outdoor          | Distribution medium 12 |

### Operating and Electrical

|                                             |                                                   |
|---------------------------------------------|---------------------------------------------------|
| Input Voltage                               | 220-240 V                                         |
| Line Frequency                              | 50 or 60 Hz                                       |
| Inrush current                              | 22 A                                              |
| Inrush time                                 | 290 ms                                            |
| Power Consumption                           | 13 W                                              |
| Power Factor (Fraction)                     | 0.9                                               |
| Connection                                  | Plug-in connector 3-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   | Clear                           |
| 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 I                               |

### Initial Performance (IEC Compliant)

|                                       |                        |
|---------------------------------------|------------------------|
| Luminous flux tolerance               | +/-7%                  |
| Initial chromaticity                  | (0.381, 0.379) SDCM <5 |
| Power consumption tolerance           | +/-10%                 |
| Init. Color Rendering Index Tolerance | +/-2                   |

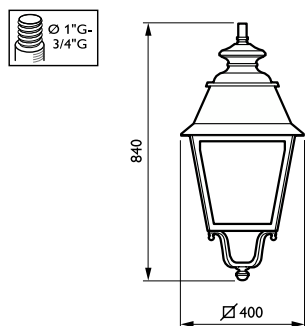
### Over Time Performance (IEC Compliant)

|                               |       |
|-------------------------------|-------|
| Driver failure rate at 5000 h | 0.4 % |
|-------------------------------|-------|

### Product Data

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Order product name              | BSP641 LED17-4S/740 PSU DM12 FG BK G3/4 |
| Full product name               | BSP641 LED17-4S/740 PSU DM12 FG BK G3/4 |
| Full product code               | 871869910892200                         |
| Order code                      | 912300023778                            |
| Material Nr. (12NC)             | 912300023778                            |
| Numerator - Quantity Per Pack   | 1                                       |
| EAN/UPC - Product/Case          | 8718699108922                           |
| Numerator - Packs per outer box | 1                                       |
| EAN/UPC - Case                  | 8718699108922                           |

## Dimensional drawing



## Jargeau 400 LED

