



Jargeau LED gen3

BSP651 LW LED50/830 II DM50 MK-BK PCC BA

Jargeau LED gen3, LED module 5000 lm, 830 warm white, Safety class II, Distribution medium 50, Polycarbonate bowl/ cover clear, Black, Suspension set simple, standard

Jargeau LED gen3 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 metres, this luminaire is well suited to urban landscapes and ideal for illuminating city centres, historical areas, old villages, streets, alleys, squares and parks. Thanks to the built-in Philips Ledgine optimised LED platform, and the wide range of available application-tailored optics, Jargeau LED gen3 delivers the right amount light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips SR (System Ready) sockets, which makes the luminaire future-ready. What this means is that Jargeau LED gen3 is ready to be paired with both standalone and advanced control and lighting software applications such as Interact City from Signify. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts. Jargeau LED gen3 can also be equipped with our dedicated light recipe that preserves a dark night sky.

Product data

| General Information | | Light source replaceable | Yes |
|---------------------|----------------------------|--------------------------|------|
| Lamp family code | LED50 [LED module 5000 lm] | Number of gear units | Unit |

Datasheet, 2023, December 5 data subject to change

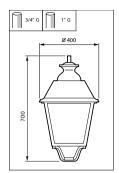
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| Driver included | Yes |
|--|---|
| Remarks | * At extreme ambient temperatures the |
| Remarks | luminaire might automatically dim down to |
| | protect components |
| Light source engine type | LED |
| Product family code | BSP651 [Jargeau LED gen3] |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | |
| ENEC mark | ENEC mark |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Upwards light output ratio | 0.01 |
| Luminous Flux | 3,250 lm |
| Standard tilt angle post-top | - |
| Standard tilt angle side entry | - |
| Correlated Colour Temperature | 3000 K |
| Luminous efficacy (rated) (nom.) | 86 lm/W |
| Colour rendering index (CRI) | 80 |
| Light source colour | 830 warm white |
| Optical cover type | Polycarbonate bowl/cover clear |
| Luminaire light beam spread | 30° - 5° x 153° |
| Optic type outdoor | Distribution medium 50 |
| Operating and Electrical | |
| Input Voltage | 220 to 240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 46 A |
| Inrush time | 0.25 ms |
| Power Consumption | 38 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Plug-in connector 2-pole Wieland/Adels |
| | compatible |
| Cable | - |
| Number of products on MCB of 16 A type B | 11 |
| | |
| Temperature | |
| Ambient temperature range | -40 to +50 °C |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Driver/power unit/transformer | Power supply unit (On/Off) |
| Control interface | - |
| Constant light output | No |
| Mechanical and Housing | |
| Mechanical and Housing | Aluminium |
| Housing material | Aluminium |
| Reflector material | Polymethyl methacrylate |
| Optic material | |

| Optical cover/lens material | Polycarbonate |
|---|--|
| Fixation material | Aluminium |
| Housing Colour | Black |
| Mounting device | Suspension set simple, standard |
| Optical cover/lens shape | - |
| Optical cover/lens finish | Clear |
| Overall length | 400 mm |
| Overall width | 400 mm |
| Overall height | 692 mm |
| Effective projected area | 0.2 m² |
| Dimensions (height x width x depth) | 692 x 400 x 400 mm |
| | |
| Approval and Application | |
| Ingress protection code | IP66 [Dust penetration-protected, jet- |
| | proof] |
| Mech. impact protection code | IKO9 [10 J] |
| Surge Protection (Common/Differential) | Luminaire surge protection level up to 6 kV |
| Contain a bilitar matina | differential mode and 8 kV common mode |
| Sustainability rating Protection class IEC | Lighting for circularity |
| | Safety class II |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| | EN02//6 |
| 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 Complia | nt) |
| Control gear failure rate at median useful | 10 % |
| life 100,000 h | |
| Lumen maintenance at median useful life* | L97 |
| 100,000 h | |
| | |
| Application Conditions | |
| Performance ambient temperature Tq | 25 °C |
| | |
| Product Data | |
| Order product name | BSP651 LW LED50/830 II DM50 MK-BK |
| | PCC BA |
| Full product name | BSP651 LW LED50/830 II DM50 MK-BK |
| | PCC BA |
| Full EOC | 871869988103000 |
| Order code | 88103000 |
| Material no. (12 NC) | 912300024426 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC — Product/Case | 8718699881030 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8718699881030 |
| | |

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Dimensional drawing





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