



LumiStreet gen2

BGP291 LED60-4S/740 II DX10 BL1 D11 H07R

LUMISTREET GEN2 MICRO - LED module 6000 lm - 740 neutral white - Safety class II (II) - Distribution extra wide 10 - Side-entry for diameter 76 mm

Increasing numbers of municipalities are having to upgrade large-scale conventional street lighting installations with energy efficient LED technology. But they are having to do this with smaller and smaller budgets. That's why the new generation of LumiStreet has been upgraded and designed to provide a solution to this challenge, it is the ideal solution for performing point-to-point replacement of conventional lighting. LumiStreet gen2 achieves this by offering high efficiency, low Total Cost of Ownership, and ease of installation and maintenance. The ease of installation and maintenance is enabled by the Philips Service tag. Moreover, the Philips SR (System Ready) socket makes it future-ready and you can pair this luminaire with lighting control and software applications such as Interact City.

Product data

| General information | | Protection class IEC | Safety class II (II) |
|-------------------------------|-------------------------------------|-----------------------|--|
| Lamp family code | LED60 [LED module 6000 lm] | Flammability mark | F [For mounting on normally flammable surfaces] |
| Light source color | 740 neutral white | CE mark | CE mark |
| Light source replaceable | Yes | ENEC mark | ENEC plus mark |
| Number of gear units | 1 unit | Warranty period | 5 years |
| Driver/power unit/transformer | PSR [Power supply unit regulating] | Optic type outdoor | Distribution extra wide 10 |
| Driver included | Yes | Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Optical cover/lens type | FG [Flat glass] | Constant light output | No |
| Luminaire light beam spread | 150° - 43° x 67° | | |
| Control interface | - | | |
| Connection | 2 Push-in connector 5-pole | | |
| Cable | Cable 6.0 m without plug (C6K) | | |

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| Number of products on MCB of 16 A type | 26 |
| B | |
| EU RoHS compliant | Yes |
| Light source engine type | LED |
| Service tag | Yes |
| Serviceability class | Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts |
| Product family code | BGP291 [LUMISTREET GEN2 MICRO] |

Light technical

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

Operating and electrical

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| Input Voltage | 220 to 240 V |
| Input Frequency | 50 to 60 Hz |
| Inrush current | 21 A |
| Inrush time | 0.225 ms |
| Power Factor (Min) | 0.98 |

Controls and dimming

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| Dimmable | Yes |
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Mechanical and housing

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| Housing Material | Aluminum die-cast |
| Reflector material | Polycarbonate |
| Optic material | Polymethyl methacrylate |
| Optical cover/lens material | Glass |
| Fixation material | Aluminum |
| Mounting device | 765 [Side-entry for diameter 76 mm] |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 520 mm |
| Overall width | 234 mm |
| Overall height | 95 mm |
| Effective projected area | 0.0235 m ² |
| Color | Gray |
| Dimensions (Height x Width x Depth) | 95 x 234 x 520 mm (3.7 x 9.2 x 20.5 in) |

Approval and application

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| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV differential mode and 8 kV common mode |

Initial performance (IEC compliant)

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|---------------------------------------|------------------------|
| Initial luminous flux (system flux) | 5040 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 133 lm/W |
| Init. Corr. Color Temperature | 4000 K |
| Init. Color Rendering Index | 70 |
| Initial chromaticity | (0.381, 0.379) SDCM <5 |
| Initial input power | 38 W |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |

Over time performance (IEC compliant)

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| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 100000 h | L96 |

Application conditions

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|------------------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level | 0% (digital) |

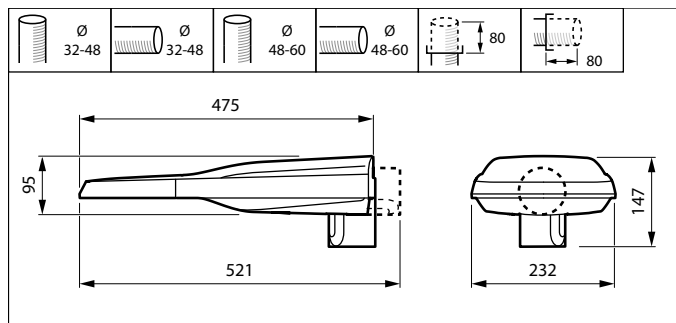
Product data

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|---------------------------------|--|
| Full product code | 871951412559900 |
| Order product name | BGP291 LED60-4S/740 II DX10 BL1 D11 H07R |
| EAN/UPC - Product | 8719514125599 |
| Order code | 12559900 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 910925867776 |
| Net Weight (Piece) | 5.802 kg |



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Dimensional drawing



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