



DigiStreet

BGP761 LED50-/830 II DM11 DGR D9 62

DigiStreet Mini - LED module 5000 lm - 830 warm white - Safety class II (II) - Distribution medium 11 - Dark gray - Dimming via external communication DALI - Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode - Spigot for diameter 62 mm

Developed with the aim of becoming your long-term partner, the system-ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come! Its two sockets enable you to connect directly to the Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. 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, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

| General information | | Control interface | DALI |
|-------------------------------|--|----------------------|---|
| Lamp family code | LED50 [LED module 5000 lm] | Light regulation | Dimming via external communication DALI |
| Light source colour | 830 warm white | Connection | SI [Screw connection block] |
| Light source replaceable | Yes | Cable | - |
| Number of gear units | 1 unit | Protection class IEC | Safety class II (II) |
| Driver/power unit/transformer | PSD [Power supply unit with DALI interface] | Flammability mark | NO [-] |
| Driver included | Yes | CE mark | CE mark |
| Optical cover/lens type | FG [Flat glass] | ENEC mark | ENEC mark |
| Luminaire light beam spread | 160° - 42° x 54° | Warranty period | 5 years |

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| Optic type outdoor | Distribution medium T1 |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Constant light output | No |
| Number of products on MCB (16 A type B) | 11 |
| EU RoHS compliant | Yes |
| Light source engine type | LED |
| Serviceability class | Class A, the 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 | BGP761 [DigiStreet Mini] |

Light technical

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

Operating and electrical

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|---------------------|-------------|
| Input Voltage | 220-240 V |
| Input frequency | 50 to 60 Hz |
| Inrush current | 46 A |
| Inrush time | 0.25 ms |
| Power factor (min.) | 0.95 |

Controls and dimming

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|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and housing

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|-----------------------------|---------------------------------|
| Housing material | Aluminum die-cast |
| Reflector material | Polycarbonate |
| Optic material | Acrylate |
| Optical cover/lens material | Glass |
| Fixation material | Stainless steel |
| Mounting device | 62 [Spigot for diameter 62 mm] |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 860 mm |
| Overall width | 236 mm |
| Overall height | 107 mm |
| Effective projected area | 0.0666 m ² |

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|-------------------------------------|--|
| Colour | Dark gray |
| Dimensions (height x width x depth) | 107 x 236 x 860 mm (4.2 x 9.3 x 33.9 in) |

Approval and application

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| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK09 [10 J] |
| Surge protection (common/differential) | Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode |
| Sustainability rating | - |

Initial performance (IEC compliant)

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|--|----------------------|
| Initial luminous flux (system flux) | 4550 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 118 lm/W |
| Init. Corr. Colour Temperature | 3000 K |
| Init. Colour rendering index | 80 |
| Initial chromaticity | (0.43, 0.40) SDCM <5 |
| Initial input power | 38.5 W |
| Power consumption tolerance | +/-10% |
| Init. colour rendering index tolerance | -2 |

Over time performance (IEC compliant)

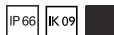
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|---|------|
| Control gear failure rate at median useful life 100,000 h | 10 % |
| Lumen maintenance at median useful life* 100,000 h | L97 |

Application conditions

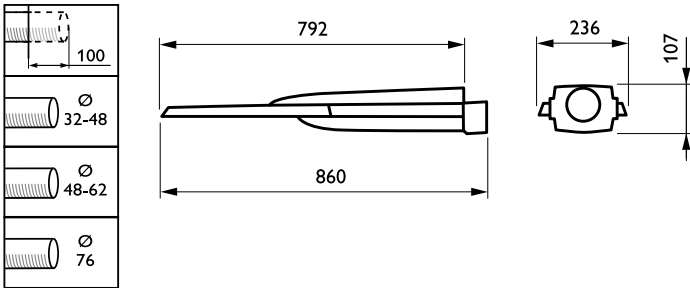
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|---------------------------|----------------|
| Ambient temperature range | -40 to +50 °C |
| Maximum dimming level | Not applicable |

Product data

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|-----------------------------------|-------------------------------------|
| Full product code | 871869637694200 |
| Order product name | BGP761 LED50-/830 II DM11 DGR D9 62 |
| EAN/UPC – product | 8718696376942 |
| Order code | 37694200 |
| SAP numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| SAP material | 910925866238 |
| Copy Net Weight (Piece) | 7.610 kg |

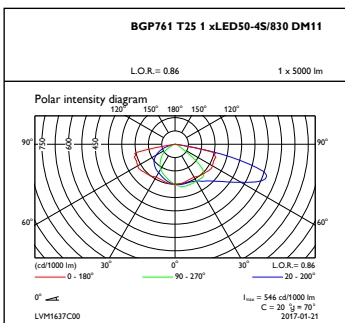


Dimensional drawing



BGP761 LED50-/830 II DM11 DGR D9 62

Photometric data



OFPC1_BGP761T251xLED50-4S830DM11

