



DigiStreet

BGP762 LED159-/830 II DM70 DGR DDF27 D18

DigiStreet Medium - LED module 15900 lm - 830 warm white - Safety class II (II) - Distribution medium 70 - Dark gray - Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode - Spigot for diameter 60 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 | |
|-------------------------------|---|
| Lamp family code | LED159 [LED module 15900 lm] |
| Light source colour | 830 warm white |
| Light source replaceable | No |
| Number of gear units | 1 unit |
| Driver/power unit/transformer | PSDD [Power supply unit with DynaDimmer] |
| Driver included | Yes |
| Optical cover/lens type | FG [Flat glass] |
| Luminaire light beam spread | - |
| Control interface | - |

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|----------------------|------------------------------|
| Connection | SI [Screw connection block] |
| Cable | - |
| Protection class IEC | Safety class II (II) |
| Flammability mark | NO [-] |
| CE mark | CE mark |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| Outdoor optic type | Distribution medium 70 |

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|---------------------------|--|
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Constant light output | No |
| Number of products on MCB | 8 |
| RoHS mark | RoHS mark |
| LED engine type | LED |
| Product Family Code | BGP762 [DigiStreet Medium] |

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 |
| Initial CLO power consumption | - W |
| Average CLO power consumption | - W |
| End CLO power consumption | - W |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power factor (min.) | 0.98 |

Controls and Dimming

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|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and Housing

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|-----------------------------|---------------------------------|
| Housing material | Aluminum |
| Reflector material | Polycarbonate |
| Optic material | Acrylate |
| Optical cover/lens material | Glass |
| Fixation material | Steel |
| Mounting device | 60 [Spigot for diameter 60 mm] |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 860 mm |

| | |
|--------------------------|----------------------|
| Overall width | 361 mm |
| Overall height | 107 mm |
| Effective projected area | 0.068 m ² |
| Colour | Dark gray |

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 |

Initial Performance (IEC Compliant)

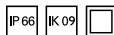
| | |
|--------------------------------|----------------------|
| Initial luminous flux | 13920 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 118 lm/W |
| Init. Corr. colour temperature | 3000 K |
| Init. colour rendering index | 80 |
| Initial chromaticity | (0.43, 0.40) SDCM <5 |
| Initial input power | 118 W |
| Power consumption tolerance | +/-11% |

Application Conditions

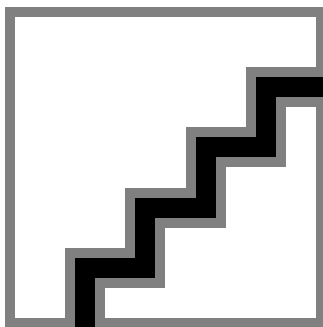
| | |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
| Maximum dimming level | 50% |

Product Data

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|---------------------------------|--|
| Full product code | 871869637831100 |
| Order product name | BGP762 LED159-/830 II DM70 DGR DDF27 D18 |
| EAN/UPC – product | 8718696378311 |
| Order code | 37831100 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 910925866221 |
| Net weight (piece) | 8.940 kg |



Dimensional drawing



DigiStreet BGP760-BTP764

