



DigiStreet

BGP761 LED74-/740 I DM50 DGR SRB 62

DigiStreet, Road & street light, 43.5 W, 6660 lm, 4000 K, CRI70, Distribution medium 50, Safety class I, IP66

Developed with the aim to become 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 CityTouch system and is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the 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 an optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

| General Information | |
|--------------------------|----------------------------|
| Lamp family code | LED74 [LED module 7400 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| Light source engine type | LED |
| Service tag | Yes |
| Lighting Technology | LED |
| Value ladder | Specification |
| Warranty period | 5 years |

| Light Technical | |
|------------------------------------|------------------------|
| Upward light output ratio | 0 |
| Luminous Flux | 6,660 lm |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 153 lm/W |
| Color rendering index (CRI) | 70 |
| Light source color | 740 neutral white |
| Luminaire light beam spread | 154° - 31° x 54° |
| Optic type outdoor | Distribution medium 50 |
| Effective projected area | 0.0666 m ² |

| Operating and Electrical | |
|--|--|
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Inrush current | 9.6 A |
| Inrush time | 0.13 ms |
| Power Consumption | 43.5 W |
| Power Factor (Fraction) | 0.96 |
| Connection | Screw connector |
| Cable | - |
| Number of products on MCB of 16 A type B | 31 |
| Protection class IEC | Safety class I |
| Surge Protection (Common/Differential) | Surge protection level until 6 kV differential mode and 8 kV common mode |

| Controls and Dimming | |
|-------------------------------|---|
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI and SystemReady interface |
| Control interface | - |
| Constant light output | No |
| Maximum dim level | Not applicable |

| Mechanical and Housing | |
|-------------------------------------|--|
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Acrylate |
| Optical cover material | Glass |
| Fixation material | Stainless steel |
| Housing Color | Dark gray |
| Mounting device | Spigot for diameter 62 mm |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 860 mm |
| Overall width | 236 mm |
| Overall height | 151 mm |
| Dimensions (Height x Width x Depth) | 151 x 236 x 860 mm |
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK09 [10 J] |
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Optical cover type | Flat glass |
| Net Weight (Piece) | 7.860 kg |

| Approval and Application | |
|------------------------------------|--|
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Photobiological risk | Photobiological risk group 0 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |

| | |
|---------------------------|--|
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Ambient temperature range | -40 to +50 °C |

| Initial Performance (IEC Compliant) | |
|--|----------------------|
| Luminous flux tolerance | +/-7% |
| Initial chromaticity | (0.38. 0.38) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| Standard Deviation of Colour Matching (McAdam ellipse) | SDCM≤5 |

| Over Time Performance (IEC Compliant) | |
|--|------|
| Control gear failure rate at median useful life 50000 h | 5 % |
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h | L99 |
| Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h | L97 |

| Sustainability Data | |
|--|--|
| Sustainability rating | Signify Circle |
| Embedded carbon (A1-A3) | 162 kg CO ₂ e |
| Product non-virgin material ratio | 7.03 % |
| Recyclable content ratio of the finished product | 51.4 % |
| GWP total B6 (kg CO ₂ eq) Declared Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kwh) |
| GWP total B6 (kg CO ₂ eq) Functional Unit | Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) /lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO ₂ eq / kwh) |

| Product Data | |
|---------------------------------|-------------------------------------|
| Order product name | BGP761 LED74-/740 I DM50 DGR SRB 62 |
| Full product name | BGP761 LED74-/740 I DM50 DGR SRB 62 |
| Full product code | 871869638597500 |
| Order code | 910925866242 |
| Material Nr. (12NC) | 910925866242 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696385975 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696385975 |
| Product family code | BGP761 [DigiStreet Mini] |

Dimensional drawing

