



LumiStreet

BGP214 LED149-4S/740 I DM50 D9 48/60A

LumiStreet Large, LED module 14900 lm, 740 neutral white, Safety class I, Distribution medium, Universal for diameter 48 to 60 mm adjustable

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available. We have the answer to their needs. With its compact design and modern LED architecture, LumiStreet is a versatile, cost-effective luminaire that fulfils basic functional road lighting requirements. It is made of high-quality components that ensure long lifetime and low maintenance cost. The result? A road lighting luminaire that provides effective illumination while at the same time cutting energy and maintenance bills.

Product data

| General Information | | Light Technical | |
|--------------------------|--|------------------------------------|-------------------|
| Lamp family code | LED149 [LED module 14900 lm] | Upward light output ratio | 0 |
| Light source replaceable | Yes | Luminous Flux | 12,900 lm |
| Number of gear units | 1 unit | Standard tilt angle posttop | 0° |
| Driver included | Yes | Standard tilt angle side entry | 0° |
| Remarks | * At extreme ambient temperatures the luminaire might automatically dim down to protect components | Correlated Color Temperature (Nom) | 4000 K |
| Light source engine type | LED | Luminous Efficacy (rated) (Nom) | 143 lm/W |
| Product family code | BGP214 [LumiStreet Large] | Color rendering index (CRI) | 70 |
| Lighting Technology | LED | Light source color | 740 neutral white |
| CE mark | Yes | Optical cover type | Flat glass |
| Warranty period | 5 years | Luminaire light beam spread | 154° - 31° x 54° |
| Flammability mark | - | | |
| ENEC mark | ENEC mark | | |
| EU RoHS compliant | No | | |

| | |
|--|---|
| Optic type outdoor | Distribution medium |
| Operating and Electrical | |
| Input Voltage | 220-240 V |
| Line Frequency | 50 to 60 Hz |
| Initial CLO power consumption | 0 W |
| Average CLO power consumption | [DELETE] W |
| End CLO power consumption | [DELETE] W |
| Inrush current | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 90 W |
| Power Factor (Fraction) | 0.97 |
| Connection | Screw connection block 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B 8 | |
| Temperature | |
| Ambient temperature range | -40 to +50 °C |
| Controls and Dimming | |
| Dimmable | Yes |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface | DALI |
| Constant light output | No |
| Mechanical and Housing | |
| Housing Material | Aluminum die cast |
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Tempered glass |
| Fixation material | Aluminum |
| Housing Color | Grey |
| Mounting device | Universal for diameter 48 to 60 mm adjustable |
| Optical cover shape | Flat |
| Optical cover finish | Clear |
| Overall length | 755 mm |

| | |
|-------------------------------------|-------------------|
| Overall width | 355 mm |
| Overall height | 98 mm |
| Overall diameter | 0 mm |
| Effective projected area | 0.04 m² |
| Dimensions (Height x Width x Depth) | 98 x 355 x 755 mm |

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) | Philips standard surge protection level |
| Protection class IEC | Safety class I |

Initial Performance (IEC Compliant)

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|---------------------------------------|------------------------|
| 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 Compliant)

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|-------------------------------|-------|
| Driver failure rate at 5000 h | 0.5 % |
|-------------------------------|-------|

Application Conditions

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|-------------------|--------------|
| Maximum dim level | 0% (digital) |
|-------------------|--------------|

Product Data

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|---------------------------------|---------------------------------------|
| Order product name | BGP214 LED149-4S/740 I DM50 D9 48/60A |
| Full product name | BGP214 LED149-4S/740 I DM50 D9 48/60A |
| Full product code | 871869634890100 |
| Order code | 34890100 |
| Material Nr. (12NC) | 910925866054 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696348901 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696348901 |

Dimensional drawing



