



LumiStreet

BGP214 LED84-4S/740 II DM50 D9 48/60A

LumiStreet Large, LED module 8400 lm, 740 neutral white, Safety class II, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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 | | |
|--------------------------|---|--|
| Lamp family code | LED84 [LED module 8400 lm] | |
| Light source replaceable | Yes | |
| Number of gear units | 1 unit | |
| Driver included | Yes | |
| Photocell | - | |
| Remarks | *-Per Lighting Europe guidance paper | |
| | "Evaluating performance of LED based | |
| | luminaires - January 2018": statistically there | |
| | is no relevant difference in lumen | |
| | maintenance between B50 and for example | |
| | B10. Therefore, the median useful life (B50) | |
| | value also represents the B10 value. | |
| Light source engine type | LED | |

| Product family code | BGP214 [LumiStreet Large] | | |
|------------------------------------|----------------------------------|--|--|
| Lighting Technology | LED | | |
| Embedded control | - | | |
| CE mark | Yes | | |
| Warranty period | 5 years | | |
| Flammability mark | - | | |
| ENEC mark | ENEC mark | | |
| | Temperature 850 °C, duration 5 s | | |
| Glow-wire test | Temperature 850 °C, duration 5 s | | |
| EU RoHS compliant | No | | |
| | | | |
| | | | |
| EU RoHS compliant | | | |
| EU RoHS compliant Light Technical | No | | |

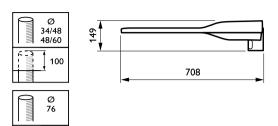
Datasheet, 2023, April 29 data subject to change

LumiStreet

| Standard tilt angle side entry Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom) Color rendering index (CRI) Number of light sources | 0° 4000 K 146 lm/W | Optical cover finish Overall length | Clear 755 mm |
|---|---------------------------------------|--|---|
| Luminous Efficacy (rated) (Nom) Color rendering index (CRI) | 146 lm/W | · - | 755 mm |
| Color rendering index (CRI) | · · · · · · · · · · · · · · · · · · · | O | |
| | 70 | Overall width | 355 mm |
| Number of light sources | 70 | Overall height | 98 mm |
| realistic of agric sources | 2 | Effective projected area | 0.04 m² |
| Light source color | 740 neutral white | Dimensions (Height x Width x Depth) | 98 x 355 x 755 mm |
| Optical cover type | Flat glass | | |
| Luminaire light beam spread | 154° | Approval and Application | |
| Optic type outdoor | Distribution medium | Ingress protection code | IP66 [Dust penetration-protected, jet-proof |
| | | Mech. impact protection code | IK08 [5 J vandal-protected] |
| Operating and Electrical | | Surge Protection (Common/Differential) | Philips standard surge protection level |
| Input Voltage | 220-240 V | Protection class IEC | Safety class II |
| Line Frequency | 50 to 60 Hz | | |
| Inrush current | 46 A | Initial Performance (IEC Compliant) |) |
| Inrush time | 0.25 ms | Luminous flux tolerance | +/-7% |
| Power Consumption | 50 W | Initial chromaticity | (0.381, 0.379) SDCM <5 |
| Power Factor (Fraction) | 0.97 | Power consumption tolerance | +/-10% |
| Connection | Screw connection block 3-pole | Init. Color Rendering Index Tolerance | +/-2 |
| Cable | - | | |
| Number of products on MCB of 16 A type | 11 | Over Time Performance (IEC Compl | liant) |
| В | | Control gear failure rate at median useful | 10 % |
| | | life 100000 h | |
| Temperature | | Lumen maintenance at median useful life* L93 | |
| Ambient temperature range | -40 to +50 °C | 100000 h | |
| | | | |
| Controls and Dimming | | Application Conditions | |
| Dimmable | Yes | Performance ambient temperature Tq | 25 °C |
| Driver/power unit/transformer | Power supply unit with DALI interface | Maximum dim level | 10% |
| Control interface | DALI | | |
| Constant light output | No | Product Data | |
| | | Order product name | BGP214 LED84-4S/740 II DM50 D9 48/60A |
| Mechanical and Housing | | Full product name | BGP214 LED84-4S/740 II DM50 D9 48/60A |
| Housing Material | Aluminum die cast | Full product code | 871869634895600 |
| Reflector material | Polycarbonate | Order code | 34895600 |
| Optic material | Polycarbonate | Material Nr. (12NC) | 910925863485 |
| Optical cover material | Tempered glass | Numerator - Quantity Per Pack | 1 |
| Fixation material | Aluminum | EAN/UPC - Product/Case | 8718696348956 |
| Housing Color | Gray | Numerator - Packs per outer box | 1 |
| Mounting device | Universal for diameter 48 to 60 mm | EAN/UPC - Case | 8718696348956 |
| | adjustable | | |
| Optical cover shape | Flat | | |

LumiStreet

Dimensional drawing





355