



# LumiStreet

## BGP213 LED65-4S/740 II DM50 D9 48/60A

LumiStreet Small - LED module 6500 lm - 740 neutral white - Safety class II - Distribution medium - Dimming via external communication DALI - 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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.;Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics.Performer version design for customer who are preparing big renovation projects, TCO oriented.

### Product data

| General Information           |   |                       |                                  |
|-------------------------------|---|-----------------------|----------------------------------|
| Number of light sources       | 2 pcs                                   | Connection            | Screw connection block 3-pole    |
| Lamp family code              | LED65 [ LED module 6500 lm]             | Cable                 | -                                |
| Light source color            | 740 neutral white                       | Protection class IEC  | Safety class II                  |
| Light source replaceable      | Yes                                     | Coating               | -                                |
| Number of gear units          | 1 unit                                  | Glow-wire test        | Temperature 850 °C, duration 5 s |
| Driver/power unit/transformer | Power supply unit with DALI interface   | Flammability mark     | -                                |
| Driver included               | Yes                                     | CE mark               | CE mark                          |
| Optical cover/lens type       | Flat glass                              | ENEC mark             | ENEC mark                        |
| Luminaire light beam spread   | 154°                                    | Warranty period       | 5 years                          |
| Embedded control              | -                                       | Optic type outdoor    | Distribution medium              |
| Control interface             | DALI                                    | Photocell             | -                                |
| Light regulation              | Dimming via external communication DALI | Supply cable type     | -                                |
|                               |   | Constant light output | No                               |

|  |  |
|--|--|
| Spare parts available                    | Yes  |
| Number of products on MCB of 16 A type B | 9  |
| RoHS mark                                | -  |
| WEEE mark                                | -  |
| Light source engine type                 | LED  |
| Serviceability class                     | Class A, 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                      | BGP213 [ LumiStreet Small]   |

## Light Technical

|                                |     |
|--------------------------------|-----|
| Upward light output ratio      | 0   |
| Scotopic/photopic lumen ratio  | 1.6 |
| Standard tilt angle posttop    | 0°  |
| Standard tilt angle side entry | 0°  |

## Operating and Electrical

|                    |             |
|--------------------|-------------|
| Input Voltage      | 220-240 V   |
| Input Frequency    | 50 to 60 Hz |
| Inrush current     | 80 A        |
| Inrush time        | 0.15 ms     |
| Driver current     | 353 mA      |
| Power Factor (Min) | 0.91        |

## Controls and Dimming

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

## Mechanical and Housing

|                             |   |
|-----------------------------|---|
| Housing Material            | Aluminum die-cast                             |
| Reflector material          | Polycarbonate                                 |
| Optic material              | Polycarbonate                                 |
| Optical cover/lens material | Tempered glass                                |
| Fixation material           | Aluminum                                      |
| Mounting device             | Universal for diameter 48 to 60 mm adjustable |
| Optical cover/lens shape    | Flat  |
| Optical cover/lens finish   | Clear   |
| Torque                      | 15  |
| Overall length              | 630 mm  |
| Overall width               | 270 mm  |

|                          |                      |
|--------------------------|----------------------|
| Overall height           | 98 mm                |
| Effective projected area | 0.038 m <sup>2</sup> |

## Approval and Application

|  |   |
|--|---|
| 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       |

## Initial Performance (IEC Compliant)

|                                     |                        |
|-------------------------------------|------------------------|
| Initial luminous flux (system flux) | 5610 lm                |
| Luminous flux tolerance             | +/-7%                  |
| Initial LED luminaire efficacy      | 136 lm/W               |
| Init. Corr. Color Temperature       | 4000 K                 |
| Init. Color Rendering Index         | 70                     |
| Initial chromaticity                | (0.381, 0.379) SDCM <5 |
| Initial input power                 | 41 W                   |
| Power consumption tolerance         | +/-11%                 |

## Over Time Performance (IEC Compliant)

|  |          |
|--|----------|
| Driver failure rate at 5000 h                          | 0.5 %    |
| Useful life L80B10                                     | 100000 h |
| Lumen maintenance at useful life of 100000 h, at 25 °C | 90       |

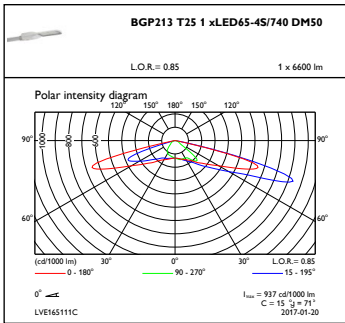
## Application Conditions

|                             |               |
|-----------------------------|---------------|
| Ambient temperature range   | -30 to +35 °C |
| Average ambient temperature | 25 °C         |
| Maximum dim level           | 10%           |

## Product Data

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Full product code               | 871869634885700                       |
| Order product name              | BGP213 LED65-4S/740 II DM50 D9 48/60A |
| EAN/UPC - Product               | 8718696348857                         |
| Order code                      | 910925863475                          |
| Numerator - Quantity Per Pack   | 1                                     |
| Numerator - Packs per outer box | 1                                     |
| Material Nr. (12NC)             | 910925863475                          |
| Net Weight (Piece)              | 6.910 kg                              |

Photometric data



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