



# UniStreet

## BGP203 LED12/740 II DM D9 48/60A

UniStreet Small, LED Module 1200 lm, Distribution medium, Universal for diameter 48 to 60 mm adjustable

At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires. The compact, slim luminaire is made of quality recyclable materials. And being a LED solution, it requires little maintenance. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customers who are preparing big renovation projects, TCO oriented

### Product data

| General Information      |  |                          |  |
|--------------------------|--|--------------------------|--|
| Lamp family code         | LED12 [LED Module 1200 lm]   |                          | might automatically dim down to protect components |
| Light source replaceable | Yes  | Light source engine type | LED  |
| Number of gear units     | 1 unit   | Product family code      | BGP203 [UniStreet Small]                           |
| Driver included          | Yes  | Lighting Technology      | LED  |
| Photocell                | -  | Glow-wire test           | Temperature 650 °C, duration 5 s                   |
| 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. * At extreme ambient temperatures the luminaire | Flammability mark        | -  |
|                          |  | CE mark                  | Yes  |
|                          |  | ENEC mark                | ENEC mark  |
|                          |  | Warranty period          | 5 years  |
|                          |  | EU RoHS compliant        | No   |
|                          |  | Embedded control         | -  |

| Light Technical                    |                     |
|------------------------------------|---------------------|
| Upward light output ratio          | 0                   |
| Luminous Flux                      | 1,032 lm            |
| Standard tilt angle posttop        | 0°                  |
| Standard tilt angle side entry     | 0°                  |
| Correlated Color Temperature (Nom) | 4000 K              |
| Luminous Efficacy (rated) (Nom)    | 97 lm/W             |
| Color rendering index (CRI)        | 70                  |
| Number of light sources            | 1                   |
| Light source color                 | 740 neutral white   |
| Optical cover type                 | Flat glass          |
| Luminaire light beam spread        | 154°                |
| Optic type outdoor                 | Distribution medium |

| Operating and Electrical                 |                               |
|--|-------------------------------|
| Input Voltage                            | 220-240 V                     |
| Line Frequency                           | 50 to 60 Hz                   |
| Initial CLO power consumption            | [DELETE] W                    |
| Average CLO power consumption            | [DELETE] W                    |
| End CLO power consumption                | [DELETE] W                    |
| Inrush current                           | 15 A                          |
| Inrush time                              | 360 ms                        |
| Power Consumption                        | 11 W                          |
| Power Factor (Fraction)                  | 0.92                          |
| Connection                               | Screw connection block 3-pole |
| Cable                                    | -                             |
| Number of products on MCB of 16 A type B | 23                            |

| 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                      | 630 mm  |
| Overall width                       | 270 mm  |
| Overall height                      | 98 mm   |
| Effective projected area            | 0.038 m²                                      |
| Dimensions (Height x Width x Depth) | 98 x 270 x 630 mm                             |

| 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      |
| Protection class IEC                   | Safety class II                              |

| Initial Performance (IEC Compliant)   |                        |
|---------------------------------------|------------------------|
| Luminous flux tolerance               | +/-7%                  |
| Initial chromaticity                  | (0.380, 0.380) SDCM <5 |
| Power consumption tolerance           | +/-10%                 |
| Init. Color Rendering Index Tolerance | +/-2                   |

| Over Time Performance (IEC Compliant)                    |      |
|--|------|
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 100000 h        | L91  |

| Application Conditions             |       |
|------------------------------------|-------|
| Performance ambient temperature Tq | 25 °C |
| Maximum dim level                  | 10%   |

| Product Data                    |                                  |
|---------------------------------|----------------------------------|
| Order product name              | BGP203 LED12/740 II DM D9 48/60A |
| Full product name               | BGP203 LED12/740 II DM D9 48/60A |
| Full product code               | 871869631874400                  |
| Order code                      | 910925452208                     |
| Material Nr. (12NC)             | 910925452208                     |
| Numerator - Quantity Per Pack   | 1                                |
| EAN/UPC - Product/Case          | 8718696318744                    |
| Numerator - Packs per outer box | 1                                |
| EAN/UPC - Case                  | 8718696318744                    |

Dimensional drawing

