



# UniStreet

## BGP202 LED70/740 II DM D9 48/60A

UniStreet Mini, LED module 7000 lm, 740 neutral white, Safety class II, Distribution medium, Side-entry for diameter 48 to 60 mm

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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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.

### Product data

| General Information      |  |
|--------------------------|--|
| Lamp family code         | LED70 [LED module 7000 lm]   |
| Light source replaceable | Yes  |
| Number of gear units     | Unit   |
| Driver included          | Yes  |
| Remarks                  | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Light source engine type | LED  |
| Product family code      | BGP202 [UniStreet Mini]  |
| Lighting Technology      | LED  |
| CE mark                  | Yes  |
| Warranty period          | 5 years  |
| Flammability mark        | For mounting on normally flammable surfaces  |
| ENEC mark                | ENEC mark  |

| EU RoHS compliant                | Yes                 |
|----------------------------------|---------------------|
| Light Technical                  |                     |
| Upwards light output ratio       | 0                   |
| Luminous Flux                    | 6,230 lm            |
| Standard tilt angle post-top     | 0°                  |
| Standard tilt angle side entry   | 0°                  |
| Correlated Colour Temperature    | 4000 K              |
| Luminous efficacy (rated) (nom.) | 118 lm/W            |
| Colour rendering index (CRI)     | 70                  |
| Light source colour              | 740 neutral white   |
| Optical cover type               | Flat glass          |
| Luminaire light beam spread      | 74° x 74°           |
| Optic type outdoor               | Distribution medium |

| Operating and Electrical                 |                        |
|--|------------------------|
| Input Voltage                            | 230 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                           | 45 A                   |
| Inrush time                              | 0.285 ms               |
| Power Consumption                        | 53 W                   |
| Power Factor (Fraction)                  | 0.97                   |
| Connection                               | Connection unit 5-pole |
| Cable                                    | -                      |
| Number of products on MCB of 16 A type B | 10                     |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
|---------------------------|---------------|

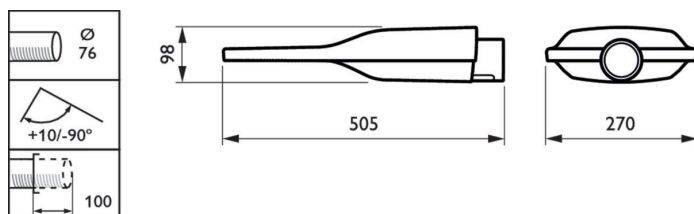
### Controls and Dimming

|                               |                                       |
|-------------------------------|---------------------------------------|
| Dimmable                      | Yes                                   |
| Driver/power unit/transformer | Power supply unit with DALI interface |
| Control interface             | DALI                                  |
| Constant light output         | No                                    |

### Mechanical and Housing

|                             |                                     |
|-----------------------------|-------------------------------------|
| Housing material            | Aluminium die cast                  |
| Reflector material          | Polycarbonate                       |
| Optic material              | Polycarbonate                       |
| Optical cover/lens material | Polycarbonate                       |
| Fixation material           | Aluminium                           |
| Housing Colour              | Grey                                |
| Mounting device             | Side-entry for diameter 48 to 60 mm |
| Optical cover/lens shape    | Curved                              |
| Optical cover/lens finish   | Clear                               |
| Overall length              | 505 mm                              |
| Overall width               | 270 mm                              |

## Dimensional drawing



| Overall height                         | 98 mm  |
|--|--|
| Overall diameter                       | 0 mm   |
| Effective projected area               | 0.038 m²                                     |
| Dimensions (height x width x depth)    | 98 x 270 x 505 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                   | (0.38, 0.38) SDCM <5                         |
| Power consumption tolerance            | +/-10%                                       |
| Init. Color Rendering Index Tolerance  | +/-2   |
| Over Time Performance (IEC Compliant)  |  |
| Driver failure rate at 5,000 hours     | 0.50 %                                       |
| Application Conditions                 |  |
| Maximum dim level                      | 0% (digital)                                 |
| Product Data                           |  |
| Order product name                     | BGP202 LED70/740 II DM D9 48/60A             |
| Full product name                      | BGP202 LED70/740 II DM D9 48/60A             |
| Full EOC                               | 871869698829900                              |
| Order code                             | 98829900                                     |
| Material no. (12 NC)                   | 910925866170                                 |
| SAP numerator – quantity per pack      | 1  |
| EAN/UPC – Product/Case                 | 8718696988299                                |
| Numerator – packs per outer box        | 1  |
| EAN/UPC - Case                         | 8718696988299                                |

