



# UniStreet

## BGP202 LED60/740 I DM D9 48/60A

UniStreet Mini, LED module 6000 lm, 740 neutral white, Safety class I, Distribution medium, Side-entry for diameter 48 to 60 mm

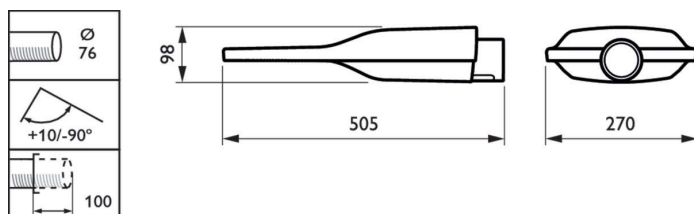
At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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              |  | EU RoHS compliant |  |
|----------------------------------|--|-------------------|--|
| Lamp family code                 | LED60 [LED module 6000 lm]   | Yes               |  |
| 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  |                   |  |
| Light Technical                  |  |                   |  |
| Upwards light output ratio       | 0  |                   |  |
| Luminous Flux                    | 5,278 lm   |                   |  |
| Standard tilt angle post-top     | 0°   |                   |  |
| Standard tilt angle side entry   | 0°   |                   |  |
| Correlated Colour Temperature    | 4000 K   |                   |  |
| Luminous efficacy (rated) (nom.) | 123 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  |                   |  |

|   |                                       |
|---|---------------------------------------|
| <b>Operating and Electrical</b>             |                                       |
| 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                           | 43 W                                  |
| Power Factor (Fraction)                     | 0.96                                  |
| Connection                                  | Connection unit 5-pole                |
| Cable                                       | -                                     |
| Number of products on MCB of 16 A type B 10 |                                       |
| <b>Temperature</b>                          |                                       |
| Ambient temperature range                   | -40 to +50 °C                         |
| <b>Controls and Dimming</b>                 |                                       |
| Dimmable                                    | Yes                                   |
| Driver/power unit/transformer               | Power supply unit with DALI interface |
| Control interface                           | DALI                                  |
| Constant light output                       | No                                    |
| <b>Mechanical and Housing</b>               |                                       |
| 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                            |
| <b>Approval and Application</b>              |  |
| 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                               |
| <b>Initial Performance (IEC Compliant)</b>   |  |
| Luminous flux tolerance                      | +/-7%  |
| Initial chromaticity                         | (0.38, 0.38) SDCM <5                         |
| Power consumption tolerance                  | +/-10%                                       |
| Init. Color Rendering Index Tolerance        | +/-2   |
| <b>Over Time Performance (IEC Compliant)</b> |  |
| Driver failure rate at 5,000 hours           | 0.50 %                                       |
| <b>Application Conditions</b>                |  |
| Maximum dim level                            | 0% (digital)                                 |
| <b>Product Data</b>                          |  |
| Order product name                           | BGP202 LED60/740 I DM D9 48/60A              |
| Full product name                            | BGP202 LED60/740 I DM D9 48/60A              |
| Full EOC                                     | 871869698821300                              |
| Order code                                   | 98821300                                     |
| Material no. (12 NC)                         | 910925866168                                 |
| SAP numerator – quantity per pack            | 1  |
| EAN/UPC – Product/Case                       | 8718696988213                                |
| Numerator – packs per outer box              | 1  |
| EAN/UPC - Case                               | 8718696988213                                |

