



# **UniStreet**

### BGS202 LED36/740 I DM 48/60A

UniStreet Mini, LED module 3600 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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**

| LED36 [LED module 3600 lm]                |
|---|
| Yes                                       |
| Unit                                      |
| Yes                                       |
| * At extreme ambient temperatures the     |
| luminaire might automatically dim down to |
| protect components                        |
| LED                                       |
| BGS202 [UniStreet Mini]                   |
| LED                                       |
| Yes                                       |
| 5 years                                   |
| For mounting on normally flammable        |
| surfaces                                  |
| ENEC mark                                 |
|   |

| EU RoHS compliant                | Yes                 |  |
|----------------------------------|---------------------|--|
|                                  |                     |  |
| Light Technical                  |                     |  |
| Upwards light output ratio       | 0                   |  |
| Luminous Flux                    | 3,222 lm            |  |
| Standard tilt angle post-top     | O°                  |  |
| Standard tilt angle side entry   | O°                  |  |
| Correlated Colour Temperature    | 4000 K              |  |
| Luminous efficacy (rated) (nom.) | 119 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 |  |

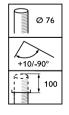
Datasheet, 2023, April 30 data subject to change

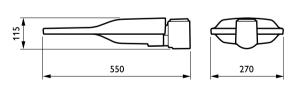
#### UniStreet

| 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                         | 27 A                                |
| Inrush time                            | 0.265 ms                            |
| Power Consumption                      | 27 W                                |
| Power Factor (Fraction)                | 0.92                                |
| Connection                             | Connection unit 5-pole              |
| Cable                                  | -                                   |
| Number of products on MCB of 16 A type | pe <b>B</b> 18                      |
|  |                                     |
| Temperature                            |                                     |
| Ambient temperature range              | -40 to +50 °C                       |
|  |                                     |
| Controls and Dimming                   |                                     |
| Dimmable                               | No                                  |
| Driver/power unit/transformer          | Power supply unit (On/Off)          |
| Control interface                      | -                                   |
| 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                              |
|  |                                     |

| 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 I   |
|   |  |
| 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 Compli   | ant)   |
| Over Time Performance (IEC Complied Driver failure rate at 5,000 hours  | o.50 %   |
|   |  |
|   |  |
| Driver failure rate at 5,000 hours  |  |
| Driver failure rate at 5,000 hours  Application Conditions  | 0.50 %   |
| Driver failure rate at 5,000 hours  Application Conditions  | 0.50 %   |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level   | 0.50 %   |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level  Product Data   | 0.50 %  Not applicable   |
| Application Conditions  Maximum dim level  Product Data Order product name  | Not applicable  BGS202 LED36/740 I DM 48/60A   |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level  Product Data  Order product name  Full product name  | 0.50 %  Not applicable  BGS202 LED36/740 I DM 48/60A  BGS202 LED36/740 I DM 48/60A   |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level  Product Data  Order product name  Full product name  Full EOC  | 0.50 %  Not applicable  BGS202 LED36/740 I DM 48/60A  BGS202 LED36/740 I DM 48/60A  871869698809100                            |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level  Product Data  Order product name  Full product name  Full EOC  Order code  | 0.50 %  Not applicable  BGS202 LED36/740 I DM 48/60A  BGS202 LED36/740 I DM 48/60A  871869698809100  98809100                  |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level  Product Data Order product name Full product name Full EOC Order code Material no. (12 NC)                                   | 0.50 %  Not applicable  BGS202 LED36/740 I DM 48/60A  BGS202 LED36/740 I DM 48/60A  871869698809100  98809100  910925866141    |
| Driver failure rate at 5,000 hours  Application Conditions  Maximum dim level  Product Data Order product name Full product name Full EOC Order code Material no. (12 NC) SAP numerator – quantity per pack | 0.50 %  Not applicable  BGS202 LED36/740 I DM 48/60A  BGS202 LED36/740 I DM 48/60A  871869698809100  98809100  910925866141  1 |

## Dimensional drawing





#### **UniStreet**



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