



UniStreet

BGP204 LED120/740 I DW DDF2 48/60A

UniStreet Large, LED module 12000 lm, Distribution wide, DynaDimmer with fixed presets version 2, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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 | | Light source engine type | LED |
|--------------------------|---|---------------------------|---|
| Lamp family code | LED120 [LED module 12000 lm] | Product family code | BGP204 [UniStreet Large] |
| Light source replaceable | Yes | Lighting Technology | LED |
| Number of gear units | 1 unit | Glow-wire test | Temperature 650 °C, duration 5 s |
| Driver included | Yes | Flammability mark | - |
| Photocell | - | CE mark | Yes |
| Remarks | *-Per Lighting Europe guidance paper | ENEC mark | ENEC mark |
| | "Evaluating performance of LED based | Warranty period | 5 years |
| | luminaires - January 2018": statistically there | EU RoHS compliant | No |
| | is no relevant difference in lumen | Embedded control | DynaDimmer with fixed presets version 2 |
| | maintenance between B50 and for example | | |
| | B10. Therefore, the median useful life (B50) | Light Technical | |
| | value also represents the B10 value. | Upward light output ratio | 0 |
| | | | |

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| Luminous Flux | 10,790 lm |
|------------------------------------|-------------------|
| Standard tilt angle posttop | 0° |
| Standard tilt angle side entry | 0° |
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 98 lm/W |
| Color rendering index (CRI) | 70 |
| Number of light sources | 6 |
| Light source color | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 154° |
| Optic type outdoor | Distribution wide |

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 | 53 A |
| Inrush time | 0.3 ms |
| Power Consumption | 106 W |
| Power Factor (Fraction) | 0.98 |
| Connection | Screw connection block 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type | 8 |
| В | |

| -40 to +50 °C | |
|---------------|---------------|
| | -40 to +50 °C |

| Control | s and | Dimming |
|---------|-------|----------|
| Control | 5 unu | Dimining |

| Dimmable | Yes |
|-------------------------------|-----------------------------------|
| Driver/power unit/transformer | Power supply unit with DynaDimmer |
| Control interface | Internal (no external connection) |
| Constant light output | No |

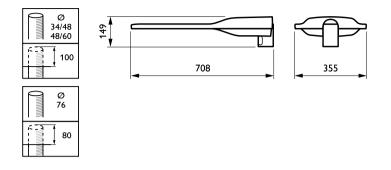
Mechanical and Housing

| 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 | 755 mm |
| Overall width | 355 mm |
| Overall height | 98 mm |
| Effective projected area | 0.04 m ² |
| Dimensions (Height x Width x Depth) | 98 x 355 x 755 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 | (0.380, 0.380) SDCM <5 |
| Power consumption tolerance | +/-10% |
| Init. Color Rendering Index Tolerance | +/-2 |
| | |
| Over Time Performance (IEC Compl | iant) |
| Control gear failure rate at median useful | 10 % |
| life 100000 h | |
| Lumen maintenance at median useful | L92 |
| life* 100000 h | |
| | |
| | |
| Application Conditions | |
| Application Conditions Performance ambient temperature Tq | 25 ℃ |
| | 25 °C Programmable |
| Performance ambient temperature Tq | |
| Performance ambient temperature Tq | |
| Performance ambient temperature Tq Maximum dim level | |
| Performance ambient temperature Tq Maximum dim level Product Data | Programmable |
| Performance ambient temperature Tq Maximum dim level Product Data Order product name | Programmable BGP204 LED120/740 I DW DDF2 48/60A |
| Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name | Programmable BGP204 LED120/740 I DW DDF2 48/60A BGP204 LED120/740 I DW DDF2 48/60A |
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| Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | Programmable BGP204 LED120/740 I DW DDF2 48/60A BGP204 LED120/740 I DW DDF2 48/60A 871869631909300 910925452263 910925452263 1 |
| Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case | Programmable BGP204 LED120/740 I DW DDF2 48/60A BGP204 LED120/740 I DW DDF2 48/60A 871869631909300 910925452263 910925452263 1 |

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Dimensional drawing





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