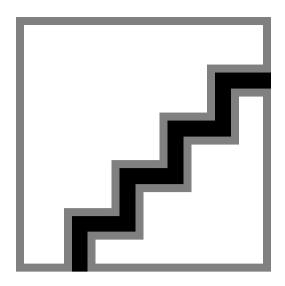
PHILIPS Lighting



UniStreet

BGP243 LED70-4S/740 II DM50 D9 48/60A

UniStreet Medium, LED module 7000 lm, 740 neutral white, Safety class II, Distribution medium 50, Flat glass, 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 Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires.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. 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 | LED70 [LED module 7000 lm] |
| Light source replaceable | Yes |
| Number of gear units | 1 unit |
| Driver included | Yes |
| 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. |
| Light source engine type | LED |
| | |

| Product family code | BGP243 [UniStreet Medium] |
|-----------------------------|------------------------------------|
| Lighting Technology | LED |
| Flammability mark | For mounting on normally flammable |
| | surfaces |
| CE mark | Yes |
| ENEC mark | ENEC mark |
| Warranty period | 5 years |
| EU RoHS compliant | Yes |
| | |
| Light Technical | |
| Upward light output ratio | 0 |
| Luminous Flux | 6,160 lm |
| Standard tilt angle posttop | 0° |
| | |

UniStreet

| Standard tilt angle side entry | 0° |
|------------------------------------|------------------------|
| Correlated Color Temperature (Nom) | 4000 K |
| Luminous Efficacy (rated) (Nom) | 148 lm/W |
| Color rendering index (CRI) | 70 |
| Light source color | 740 neutral white |
| Optical cover type | Flat glass |
| Luminaire light beam spread | 53° x 71° |
| Optic type outdoor | Distribution medium 50 |

| Operating and Electrical | |
|--------------------------|--|

| 230 V |
|------------------------|
| 50 to 60 Hz |
| 46 A |
| 0.25 ms |
| 41.5 W |
| 0.96 |
| Connection unit 5-pole |
| - |
| 11 |
| |
| |

Temperature

Ambient temperature range

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

-40 to +50 °C

Mechanical and Housing

| Housing Material | Aluminum die cast |
|------------------------|-------------------------------------|
| Reflector material | Polycarbonate |
| Optic material | Polycarbonate |
| Optical cover material | Polycarbonate |
| Fixation material | Aluminum |
| Housing Color | Gray |
| Mounting device | Side-entry for diameter 48 to 60 mm |
| Optical cover shape | Curved |
| Optical cover finish | Clear |
| | |

| Overall length | 580 mm |
|-------------------------------------|-------------------|
| Overall width | 353 mm |
| Overall height | 98 mm |
| Effective projected area | 0.42 m² |
| Dimensions (Height x Width x Depth) | 98 x 353 x 580 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)

| | 7 |
|---------------------------------------|----------------------|
| 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)

| Control gear failure rate at median useful | 10 % |
|--|------|
| life 100000 h | |
| Lumen maintenance at median useful | L95 |
| life* 100000 h | |

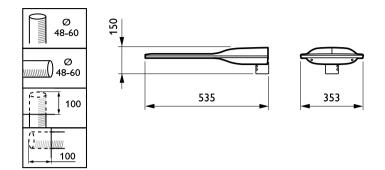
Application Conditions

| Performance ambient temperature Tq | 25 ℃ |
|------------------------------------|--------------|
| Maximum dim level | 0% (digital) |

| Product Data | |
|---------------------------------|---------------------------------------|
| Order product name | BGP243 LED70-4S/740 II DM50 D9 48/60A |
| Full product name | BGP243 LED70-4S/740 II DM50 D9 48/60A |
| Full product code | 871869698843500 |
| Order code | 910925864907 |
| Material Nr. (12NC) | 910925864907 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696988435 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696988435 |
| | |

UniStreet

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com 2023, September 4 - data subject to change