PHILIPS Lighting



MileWide LED gen2 small

BPP435 GRN85-/740 II DK SI MSP LS-8 50%

MileWide 2 post LED, LED GreenLine 8500 lm, Distribution wet road (DK), Marine salt protected coating, LumiStep dimming 8 hours

Philips MileWide LED Gen2, developed together with Holscher Design, is the latest generation of our highly popular MileWide lighting family that features a range of dedicated masts and brackets. The pure, clean design of MileWide LED Gen2 integrates perfectly with the cityscapes of today and tomorrow. Available in two sizes, BPP435 (small) and BPP436 (large), this MileWide pole light will bring a touch of elegance and fluidity to any urban application (side entry versions: BRP435 and BRP436). Thanks to its advanced LED engine, and use of application-tailored optics, MileWide LED Gen2 delivers outstanding quality of light and light performance. enabling significant energy savings, yet still providing perfectly uniform light on the road. The luminaire is available with one or two Zhaga-D4i (ZD4i) System Ready (SR) sockets, which makes the luminaire future ready. This means MileWide LED Gen2 is ready to pair with advanced controls and lighting software applications such as Interact, or sensors such as the Philips Outdoor Sensor Bundle (OSB). Furthermore, each MileWide LED Gen2 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

Product data

| General Information | | Light source replaceable | No |
|---------------------|-------------------------------|--------------------------|--------|
| Lamp family code | GRN85 [LED GreenLine 8500 lm] | Number of gear units | 1 unit |

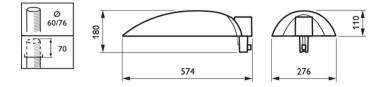
MileWide LED gen2 small

| Driver included | Yes | Control interface |
|---------------------------------------|---|----------------------|
| Photocell | - | Constant light outp |
| Remarks | *-Per Lighting Europe guidance paper | |
| | "Evaluating performance of LED based | Mechanical and |
| | luminaires - January 2018": statistically there | Housing Material |
| | is no relevant difference in lumen | Reflector material |
| | maintenance between B50 and for example | Optic material |
| | B10. Therefore, the median useful life (B50) | Optical cover mate |
| | value also represents the B10 value. | Fixation material |
| Light source engine type | LED | Housing Color |
| Product family code | BPP435 [MileWide 2 post LED] | Mounting device |
| Lighting Technology | LED | Optical cover shap |
| Value ladder | Performance | Optical cover finish |
| Embedded control | LumiStep dimming 8 hours | Overall length |
| CE mark | Yes | Overall width |
| Warranty period | 5 years | |
| Flammability mark | - | Overall height |
| ENEC mark | ENEC mark | Effective projected |
| EU RoHS compliant | Yes | Dimensions (Heigh |
| | 165 | |
| Light Technical | | Approval and A |
| | 0 | Ingress protection |
| Upward light output ratio | | Mech. impact prote |
| Luminous Flux | 6,990 lm | Surge Protection (|
| Standard tilt angle posttop | 0° | |
| Standard tilt angle side entry | 0° | Protection class IE |
| Correlated Color Temperature (Nom) | 4000 K | |
| Luminous Efficacy (rated) (Nom) | 121 lm/W | Initial Performa |
| Color rendering index (CRI) | >70 | Luminous flux tole |
| Number of light sources | 16 | Initial chromaticity |
| Light source color | 740 neutral white | Power consumptio |
| Optical cover type | Flat glass | Init. Color Renderin |
| Luminaire light beam spread | 180° | |
| Optic type outdoor | Distribution wet road (DK) | Over Time Perfo |
| | | Control gear failur |
| Operating and Electrical | | useful life 100000 |
| Input Voltage | 220 to 240 V | Lumen maintenane |
| Line Frequency | 50 to 60 Hz | life* 100000 h |
| Inrush current | 45 A | |
| Inrush time | 0.285 ms | Application Con |
| Power Consumption | 58 W | Performance ambi |
| Power Factor (Fraction) | 0.8 | Maximum dim leve |
| Connection | Flying leads/wires | |
| Cable | Cable 0.2 m with cable connector | Product Data |
| Number of products on MCB of 16 A typ | e 8 | Order product nam |
| B | | Full product name |
| | | Full product code |
| Temperature | | Order code |
| Ambient temperature range | -40 to +50 °C | |
| | | Material Nr. (12NC) |
| Controls and Dimming | | Numerator - Quan |
| Controls and Dimming | No | EAN/UPC - Produc |
| Dimmable | No | Numerator - Packs |
| Driver/power unit/transformer | Power supply unit (On/Off) | EAN/UPC - Case |

| Control interface | - | |
|--|---|--|
| Constant light output | No | |
| | | |
| Mechanical and Housing | | |
| Housing Material | Aluminum | |
| Reflector material | - | |
| Optic material | Polymethyl methacrylate | |
| Optical cover material | Glass | |
| Fixation material | Aluminum | |
| Housing Color | Silver | |
| Mounting device | Post-top for diameter 60 to 76 mm | |
| Optical cover shape | Convex lens | |
| Optical cover finish | Silkscreen print black | |
| Overall length | 574 mm | |
| Overall width | 276 mm | |
| Overall height | 178 mm | |
| Effective projected area | 0.035 m² | |
| Dimensions (Height x Width x Depth) | 178 x 276 x 574 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) | Luminaire surge protection level until 6 kV | |
| | differential mode and 8 kV common mode | |
| Protection class IEC | Safety class II | |
| | | |
| Initial Performance (IEC Compliant |) | |
| Luminous flux tolerance | +/-10% | |
| Initial chromaticity | (0.38, 0.37) SDCM <3 | |
| Power consumption tolerance | +/-10% | |
| Init. Color Rendering Index Tolerance | +/-2 | |
| | | |
| Over Time Performance (IEC Comp | liant) | |
| Control gear failure rate at median | 10 % | |
| useful life 100000 h | | |
| Lumen maintenance at median useful | L80 | |
| life* 100000 h | | |
| | | |
| Application Conditions | | |
| Performance ambient temperature Tq | 25 ℃ | |
| Maximum dim level | Not applicable | |
| | •• | |
| Product Data | | |
| | | |
| Order product name | BPP435 GRN85-/740 DK SI MSP LS-8 50% | |
| Order product name Full product name | BPP435 GRN85-/740 II DK SI MSP LS-8 50% BPP435 GRN85-/740 II DK SI MSP LS-8 50% | |
| Full product name | BPP435 GRN85-/740 II DK SI MSP LS-8 50% | |
| Full product name Full product code | BPP435 GRN85-/740 II DK SI MSP LS-8 50% 871869660276800 | |
| Full product name Full product code Order code | BPP435 GRN85-/740 II DK SI MSP LS-8 50% 871869660276800 910505016580 | |
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Dimensional drawing





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