



# MileWide LED gen2 small

## BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S

MileWide 2 side entry, LED module 3500 lm, 830 warm white, Safety class I, Distribution symmetrical 50, Silver, Marine salt protected coating, Cable 0.5 m with cable connector 3-pole, Side-entry for diameter 48 mm

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 programming operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

### Product data

# MileWide LED gen2 small

|                            |  |
|----------------------------|--|
| <b>General Information</b> |  |
| Lamp family code           | LED35 [LED module 3500 lm]   |
| Light source replaceable   | Yes  |
| Number of gear units       | 1 unit   |
| Driver included            | Yes  |
| Remarks                    | * At extreme ambient temperatures the luminaire might automatically dim down to protect components |
| Light source engine type   | LED  |
| Service tag                | Yes  |
| Product family code        | BRP435 [MileWide 2 side entry]   |
| Lighting Technology        | LED  |
| Value ladder               | Performance  |
| CE mark                    | Yes  |
| Warranty period            | 5 years  |
| Flammability mark          | -  |
| ENEC mark                  | ENEC mark  |
| EU RoHS compliant          | Yes  |

|                                    |                             |
|------------------------------------|-----------------------------|
| <b>Light Technical</b>             |                             |
| Upward light output ratio          | 0                           |
| Luminous Flux                      | 2,940 lm                    |
| Standard tilt angle posttop        | -                           |
| Standard tilt angle side entry     | -                           |
| Correlated Color Temperature (Nom) | 3000 K                      |
| Luminous Efficacy (rated) (Nom)    | 107 lm/W                    |
| Color rendering index (CRI)        | >80                         |
| Light source color                 | 830 warm white              |
| Optical cover type                 | Flat glass                  |
| Luminaire light beam spread        | -                           |
| Optic type outdoor                 | Distribution symmetrical 50 |

|  |   |
|--|---|
| <b>Operating and Electrical</b>          |   |
| Input Voltage                            | 220/240 V                               |
| Line Frequency                           | 50 to 60 Hz                             |
| Inrush current                           | 21 A                                    |
| Inrush time                              | 300 ms                                  |
| Power Consumption                        | 27.5 W                                  |
| Power Factor (Fraction)                  | 0.95                                    |
| Connection                               | Connection unit 3-pole                  |
| Cable                                    | Cable 0.5 m with cable connector 3-pole |
| Number of products on MCB of 16 A type B | 20                                      |

|                           |               |
|---------------------------|---------------|
| <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 and SystemReady interface |
| Control interface             | GPRS network  |

|                       |    |
|-----------------------|----|
| Constant light output | No |
|-----------------------|----|

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Mechanical and Housing</b>       |                               |
| Housing Material                    | Aluminum                      |
| Reflector material                  | -                             |
| Optic material                      | Polymethyl methacrylate       |
| Optical cover material              | Glass                         |
| Fixation material                   | Aluminum                      |
| Housing Color                       | Silver                        |
| Mounting device                     | Side-entry for diameter 48 mm |
| Optical cover shape                 | Flat                          |
| Optical cover finish                | Clear                         |
| Overall length                      | 610 mm                        |
| Overall width                       | 276 mm                        |
| Overall height                      | 135 mm                        |
| Effective projected area            | 0.049 m²                      |
| Dimensions (Height x Width x Depth) | 135 x 276 x 610 mm            |

|  |  |
|--|--|
| <b>Approval and Application</b>        |  |
| Ingress protection code                | IP66 [Dust penetration-protected, jet-proof]                                       |
| Mech. impact protection code           | IK07 [2 J reinforced]  |
| Surge Protection (Common/Differential) | Luminaire surge protection level until 6 kV differential mode and 6 kV common mode |
| Protection class IEC                   | Safety class I   |

|  |                        |
|--|------------------------|
| <b>Initial Performance (IEC Compliant)</b> |                        |
| Luminous flux tolerance                    | +/-7%                  |
| Initial chromaticity                       | (0.430, 0.400) SDCM <5 |
| Power consumption tolerance                | +/-10%                 |
| Init. Color Rendering Index Tolerance      | +/-2                   |

|  |          |
|--|----------|
| <b>Over Time Performance (IEC Compliant)</b> |          |
| Driver failure rate at 5000 h                | 0.05 %   |
| Lumen maintenance at median useful life* L97 | 100000 h |

|                                    |              |
|------------------------------------|--------------|
| <b>Application Conditions</b>      |              |
| Performance ambient temperature Tq | 25 °C        |
| Maximum dim level                  | Programmable |

|                                 |  |
|---------------------------------|--|
| <b>Product Data</b>             |  |
| Order product name              | BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S |
| Full product name               | BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S |
| Full product code               | 871869958039100                          |
| Order code                      | 919008633652                             |
| Material Nr. (12NC)             | 919008633652                             |
| Numerator - Quantity Per Pack   | 1  |
| EAN/UPC - Product/Case          | 8718699580391                            |
| Numerator - Packs per outer box | 1  |
| EAN/UPC - Case                  | 8718699580391                            |

## MileWide LED gen2 small

---

### Dimensional drawing

