



# MileWide LED gen2 small

## BRP435 LED35-/830 II DM50 SI MSP SRT SRB

MileWide LED gen2 small, Urban road & street light, 24 W, 3500 lm, 3000 K, DALI, Distribution medium 50, Safety class II, MSP

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 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

General Information		Driver included	Yes
Lamp family code	LED35 [LED module 3500 lm]	Light source engine type	LED
Number of gear units	1 unit	Value ladder	Performance

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<b>Serviceability class</b>	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
<b>Warranty period</b>	5 years
<b>Sustainability rating</b>	Signify Circle

## Light Technical

<b>Upward light output ratio</b>	10
<b>Luminous Flux</b>	3,500 lm
<b>Correlated Color Temperature (Nom)</b>	3000 K
<b>Luminous Efficacy (rated) (Nom)</b>	145 lm/W
<b>Color rendering index (CRI)</b>	83
<b>Light source color</b>	830 warm white
<b>Luminaire light beam spread</b>	16° x 35°
<b>Optic type outdoor</b>	Distribution medium 50
<b>Effective projected area</b>	0.049 m²

## Operating and Electrical

<b>Input Voltage</b>	220 to 230 V
<b>Line Frequency</b>	50 to 60 Hz
<b>Inrush current</b>	15 A
<b>Inrush time</b>	295 ms
<b>Power Consumption</b>	24 W
<b>Power Factor (Fraction)</b>	98.00
<b>Connection</b>	GST18/3 Wieland/Adels for main + BST14/2 Wieland for DALI
<b>Cable</b>	0,5 meter cable (Eca class) GST18/3 M WIELAND with security lock
<b>Number of products on MCB of 16 A type B</b>	26
<b>Protection class IEC</b>	Safety class II
<b>Surge Protection (Common/Differential)</b>	6/6 kV

## Controls and Dimming

<b>Dimmable</b>	DALI
<b>Driver/power unit/transformer</b>	Power supply unit regulating
<b>Control interface</b>	DALI
<b>Constant light output</b>	No
<b>DALI Standard</b>	DALI

## Mechanical and Housing

<b>Housing Material</b>	Aluminium
<b>Reflector material</b>	Glass
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Glass
<b>Fixation material</b>	Aluminum

<b>Housing Color</b>	Silver
<b>Mounting device</b>	Post-top for diameter 32 to 60 mm
<b>Optical cover shape</b>	Flat
<b>Optical cover finish</b>	-
<b>Overall height</b>	216 mm
<b>Ingress protection code</b>	IP66 [Dust penetration-protected, jet-proof]
<b>Mech. impact protection code</b>	IK07 [2 J reinforced]
<b>Standard tilt angle posttop</b>	0°
<b>Standard tilt angle side entry</b>	0°
<b>Optical cover type</b>	Flat glass
<b>Net Weight (Piece)</b>	6.233 kg

## Approval and Application

<b>Flammability mark</b>	For mounting on normally flammable surfaces
<b>CE mark</b>	Yes
<b>ENEC mark</b>	ENEC mark
<b>EU RoHS compliant</b>	Yes
<b>Performance ambient temperature Tq</b>	35 °C
<b>Ambient temperature range</b>	-30 °C to 50 °C

## Initial Performance (IEC Compliant)

<b>Luminous flux tolerance</b>	+/-10%
<b>Initial chromaticity</b>	22.00
<b>Power consumption tolerance</b>	+/-10%
<b>Init. Color Rendering Index Tolerance</b>	+/-2

## Over Time Performance (IEC Compliant)

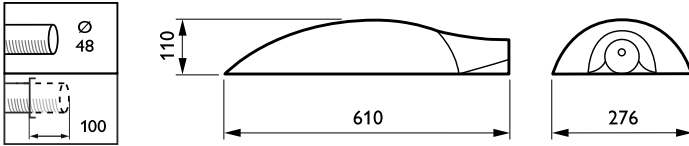
<b>Control gear failure rate at median useful life 100000 h</b>	10 %
<b>Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h</b>	L98

## Product Data

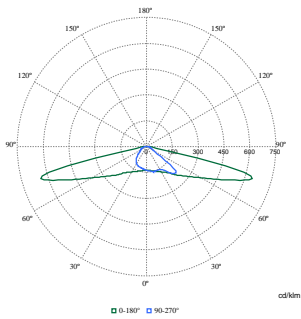
<b>Order product name</b>	BRP435 LED35-/830 II DM50 SI MSP SRT SRB
<b>Full product name</b>	BRP435 LED35-/830 II DM50 SI MSP SRT SRB
<b>Full product code</b>	872016948725300
<b>Order code</b>	910925870328
<b>Material Nr. (12NC)</b>	910925870328
<b>Numerator - Quantity Per Pack</b>	1
<b>EAN/UPC - Product/Case</b>	8720169487253
<b>Numerator - Packs per outer box</b>	1
<b>EAN/UPC - Case</b>	8720169487253
<b>Product family code</b>	BRP435 [MileWide 2 side entry]

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## Dimensional drawing



## Photometric data



Polar Normal (separate) - BPP435N - 910925870328

