



MileWide LED gen2 large

BRP436 LED81-/830 II DM31 SI MSP CLO SRT

MileWide LED gen2 large, Urban road & street light, 60 W, 6786 lm, 3000 K, CRI70, Distribution medium 31, Safety class II, IP66, 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		Number of gear units	1 unit
Lamp family code	LED80 [LED module 8000 lm]	Driver included	Yes

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Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Warranty period	5 years
Sustainability rating	Signify Circle

Light Technical

Upward light output ratio	0
Luminous Flux	6,786 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	115 lm/W
Color rendering index (CRI)	70
Light source color	830 warm white
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 31
Effective projected area	0.066 m ²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	60 W
Average CLO power consumption	59 W
Inrush current	11 A
Inrush time	135 ms
Power Consumption	60 W
Power Factor (Fraction)	0.93
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	15
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	-

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface and constant light output (integrated)
Constant light output	Yes
Maximum dim level	Not applicable

Mechanical and Housing

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 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	734 mm
Overall width	306 mm
Overall height	155 mm
Dimensions (Height x Width x Depth)	155 x 306 x 734 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Optical cover type	Flat glass
Net Weight (Piece)	10.084 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 to +50 °C

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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L97
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L95

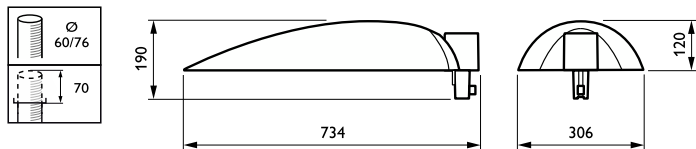
Product Data

Order product name	BRP436 LED81-/830 II DM31 SI MSP CLO SRT
Full product name	BRP436 LED81-/830 II DM31 SI MSP CLO SRT
Full product code	872016946595400
Order code	910925869775
Material Nr. (12NC)	910925869775
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169465954
Numerator - Packs per outer box	1

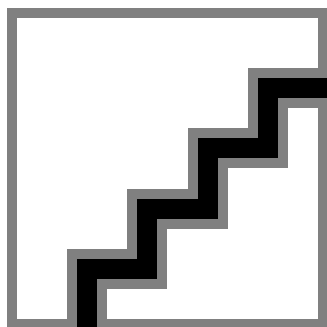
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EAN/UPC - Case	8720169465954
Product family code	BRP436 [MileWide 2 side entry large]

Dimensional drawing



Photometric data



Polar Normal (separate) - BPP436N - 910925869775

