



MileWide LED gen2 large

BRP436 GRN185-/740 II DW GR LS-6 50% T25

MileWide 2 side entry large, LED GreenLine 18500 lm, Distribution wide

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	
Lamp family code	GRN185 [LED GreenLine 18500 lm]
Light source replaceable	No

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

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Remarks	*-Per Lighting Europe guidance paper	Constant light output	No
	"Evaluating performance of LED based		
	luminaires - January 2018": statistically there	Mechanical and Housing	
	is no relevant difference in lumen	Housing Material	Aluminum
	maintenance between B50 and for example	Reflector material	-
	B10. Therefore, the median useful life (B50)	Optic material	Polymethyl methacrylate
	value also represents the B10 value.	Optical cover material	Glass
Light source engine type	LED	Fixation material	Aluminum
Product family code	BRP436 [MileWide 2 side entry large]	Housing Color	Grey
Lighting Technology	LED	Mounting device	Side-entry for diameter 40 to 48 mm
Value ladder	Performance	Optical cover shape	Convex lens
Embedded control	LumiStep dimming 6 hours	Optical cover finish	Silkscreen print black
CE mark	Yes	Overall length	734 mm
Warranty period	5 years	Overall width	306 mm
Flammability mark	-	Overall height	125 mm
ENEC mark	ENEC mark	Effective projected area	0.046 m²
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	125 x 306 x 734 mm
Light Technical		Approval and Application	
Upward light output ratio	0	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Flux	15,360 lm	Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Standard tilt angle side entry	0°		differential mode and 8 kV common mode
Correlated Color Temperature (Nom)	4000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	119 lm/W		
Color rendering index (CRI)	>70	Initial Performance (IEC Compliant)	
Number of light sources	64	Luminous flux tolerance	+/-10%
Light source color	740 neutral white	Initial chromaticity	(0.38, 0.38) SDCM <3
Optical cover type	Flat glass	Power consumption tolerance	+/-10%
Luminaire light beam spread	180°	Init. Color Rendering Index Tolerance	+/-2
Optic type outdoor	Distribution wide		
		Over Time Performance (IEC Compl	iant)
Operating and Electrical		Control gear failure rate at median useful	10 %
Input Voltage	220 to 240 V	life 100000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful	L80
Inrush current	53 A	life* 100000 h	
Inrush time	0.3 ms		
Power Consumption	138 W	Application Conditions	
Power Factor (Fraction)	0.8	Performance ambient temperature Tq	25 °C
Connection	Flying leads/wires	Maximum dim level	Not applicable
Cable	Cable 0.2 m with cable connector		
Number of products on MCB of 16 A type	4	Product Data	
В		Order product name	BRP436 GRN185-/740 II DW GR LS-6 50%
			T25
Temperature		Full product name	BRP436 GRN185-/740 II DW GR LS-6 50%
Ambient temperature range	-40 to +50 °C		T25
		Full product code	871869611622700
Controls and Dimming		Order code	910505016216
Dimmable	No	Material Nr. (12NC)	910505016216
Driver/power unit/transformer	Power supply unit (On/Off)	Numerator - Quantity Per Pack	1
Control interface	-	EAN/UPC - Product/Case	8718696116227
		Numerator - Packs per outer box	1

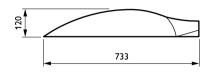
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EAN/UPC - Case

8718696116227

Dimensional drawing









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