



MileWide LED gen2 small

BRP435 GRN19-/740 II DW SI C10K T15

MileWide 2 side entry, LED GreenLine 1900 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	GRN19 [LED GreenLine 1900 lm]			
Light source replaceable	No			
Number of gear units	1 unit			

Driver included	Yes	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	

Datasheet, 2023, December 5 data subject to change

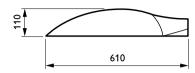
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	is no relevant difference in lumen	Reflector material	-
	maintenance between B50 and for example	Optic material	Polymethyl methacrylate
	B10. Therefore, the median useful life (B50)	Optical cover material	Glass
	value also represents the B10 value.	Fixation material	Aluminum
Light source engine type	LED	Housing Color	Silver
Product family code	BRP435 [MileWide 2 side entry]	Mounting device	Side-entry for diameter 40 to 48 mm
Lighting Technology	LED	Optical cover shape	Convex lens
Value ladder	Performance	Optical cover finish	Silkscreen print black
CE mark	Yes	Overall length	610 mm
Warranty period	5 years	Overall width	276 mm
Flammability mark	-	Overall height	108 mm
ENEC mark	ENEC mark	Effective projected area	0.035 m ²
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	108 x 276 x 610 mm
Light Technical		Approval and Application	
Upward light output ratio	0.03	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Flux	1,657 lm	Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	O°	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Standard tilt angle side entry	O°		differential mode and 8 kV common mode
Correlated Color Temperature (Nom)	4000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	120 lm/W		
Color rendering index (CRI)	>70	Initial Performance (IEC Compliant)	
Number of light sources	40	Luminous flux tolerance	+/-10%
Light source color	740 neutral white	Initial chromaticity	(0.38, 0.37) 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	
Input Voltage	220 to 240 V	life 100000 h	
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful	L80
Inrush current	22 A	life* 100000 h	
Inrush time	0.29 ms		
Power Consumption	13.8 W	Application Conditions	
Power Factor (Fraction)	0.8	Performance ambient temperature Tq	15 °C
Connection	-	Maximum dim level	Not applicable
Cable	Cable 10 m without plug		
Number of products on MCB of 16 A type		Product Data	
В		Order product name	BRP435 GRN19-/740 II DW SI C10K T15
		Full product name	BRP435 GRN19-/740 II DW SI C10K T15
Temperature		Full product code	871869610722500
Ambient temperature range	-40 to +50 °C	Order code	910505016078
		Material Nr. (12NC)	910505016078
Controls and Dimming		Numerator - Quantity Per Pack	1
Dimmable	No	EAN/UPC - Product/Case	8718696107225
Driver/power unit/transformer	Power supply unit (On/Off)	Numerator - Packs per outer box	1
Control interface	-	EAN/UPC - Case	8718696107225
Constant light output	No		
Constant ugin output			
Mechanical and Housing			
Housing Material	Aluminum		
i iousing Material	AGUIIIIUIII		

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Dimensional drawing









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