PHILIPS Lighting



MileWide LED gen2 small

BPP435 GRN30-/740 II DW SI MSP LS-8 50%

MileWide 2 post LED, LED GreenLine 3000 lm, Distribution wide, Marine salt protected coating, LumiStep dimming 8 hours

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 guality 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

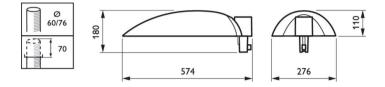
General Information		Number of gear units	1 unit	
Lamp family code	GRN30 [LED GreenLine 3000 lm]	Driver included	Yes	
Light source replaceable	No	Photocell	-	

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Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED
Product family code	BPP435 [MileWide 2 post LED]
Lighting Technology	LED
Value ladder	Performance
Embedded control	LumiStep dimming 8 hours
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	2,592 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	121 lm/W
Color rendering index (CRI)	>70
	16
Number of light sources	740 neutral white
Light source color	
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	21.5 W
Power Factor (Fraction)	0.8
Connection	Flying leads/wires
Cable	Cable 0.2 m with cable connector
Number of products on MCB of 16 A type	2 5
В	
Temperature	
Ambient temperature range	-40 to +50 °C
הוושופות נפווושפומנעויפ ומווצפ	
Controls and Dimming	
Dimmable	No
	Power supply unit (On/Off)
Driver/power unit/transformer	

Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	-	
Optic material	Polymethyl methacrylate	
Optical cover material	Glass	
Fixation material	Aluminum	
Housing Color	Silver	
Mounting device	Post-top for diameter 60 to 76 mm	
Optical cover shape	Convex lens	
Optical cover finish	Silkscreen print black	
Overall length	574 mm	
Overall width	276 mm	
Overall height	178 mm	
Effective projected area	0.035 m²	
Dimensions (Height x Width x Depth)	178 x 276 x 574 mm	
Approval and Application		
Ingress protection code	IP66 [Dust penetration-protected, jet-proof	
Mech. impact protection code	IK08 [5 J vandal-protected]	
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV	
	differential mode and 8 kV common mode	
Protection class IEC	Safety class II	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Initial chromaticity	(0.38, 0.37) SDCM <3	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compl	iant)	
Control gear failure rate at median	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	Not applicable	
Product Data		
Order product name	BPP435 GRN30-/740 II DW SI MSP LS-8 50	
Full product name	BPP435 GRN30-/740 II DW SI MSP LS-8 50	
Full product code	871869660272000	
Order code	910505016576	
Material Nr. (12NC)	910505016576	
Numerator - Quantity Per Pack	1	
	8718696602720	
EAN/UPC - Product/Case		
EAN/UPC - Product/Case Numerator - Packs per outer box	1	

Dimensional drawing





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