PHILIPS Lighting



MileWide LED gen2 small

BPP435 GRN22-/830 II DW SI MSP LS-8 50%

MileWide 2 post LED, LED GreenLine 2200 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

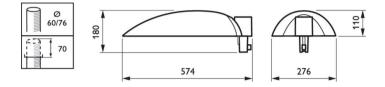
General Information		Number of gear units	1 unit	
Lamp family code	GRN22 [LED GreenLine 2200 lm]	Driver included	Yes	
Light source replaceable	No	Photocell	-	

MileWide LED gen2 small

*-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.
LED
BPP435 [MileWide 2 post LED]
LED
Performance
LumiStep dimming 8 hours
Yes
5 years
-
ENEC mark
Yes
0
0
1,903 lm
0°
0°
3000 K
113 lm/W
80
16
830 warm white
Flat glass
180°
Distribution wide
220 to 240 V
50 to 60 Hz
22 A
0.29 ms
16.8 W
0.8
Flying leads/wires
Cable 0.2 m with cable connector
5
-
-40 to +50 °C
No
No Power supply unit (On/Off)

Constant light output		
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 m ²	
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	(0.43, 0.40) SDCM <3	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Comp	liant)	
Control gear failure rate at median	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L80	
Lumen maintenance at median useful life* 100000 h	L80	
life* 100000 h	L80	
life* 100000 h Application Conditions		
life* 100000 h	L80 25 ℃	
life* 100000 h Application Conditions		
life* 100000 h Application Conditions Performance ambient temperature Tq	25 ℃	
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	25 ℃	
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	25 ℃ Not applicable	
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	25 °C Not applicable BPP435 GRN22-/830 II DW SI MSP LS-8 503	
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	25 °C Not applicable BPP435 GRN22-/830 II DW SI MSP LS-8 50 BPP435 GRN22-/830 II DW SI MSP LS-8 50	
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	25 °C Not applicable BPP435 GRN22-/830 II DW SI MSP LS-8 509 BPP435 GRN22-/830 II DW SI MSP LS-8 509 871869660268300	
life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	25 ℃ Not applicable BPP435 GRN22-/830 II DW SI MSP LS-8 503 BPP435 GRN22-/830 II DW SI MSP LS-8 503 871869660268300 910505016572	
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Dimensional drawing





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