# **PHILIPS** Lighting



# MileWide LED gen2 small

# BRP435 GRN35-/740 II DM GR C6K T25

MileWide 2 side entry, LED GreenLine 3500 lm, Distribution medium

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	GRN35 [LED GreenLine 3500 lm]	Driver included	Yes
Light source replaceable	No		

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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	BRP435 [MileWide 2 side entry]	
Lighting Technology	LED	
Value ladder	Performance	
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	3,016 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	0°	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	118 lm/W	
Color rendering index (CRI)	>70	
Number of light sources	40	
Light source color	740 neutral white	
Optical cover type	Flat glass	
Luminaire light beam spread	180°	
Optic type outdoor	Distribution medium	
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	25.5 W	
Power Factor (Fraction)	0.8	
Connection	-	
Cable	Cable 6.0 m without plug	
Number of products on MCB of 16 A type	5	
В		
Temperature		
Ambient temperature range	-40 to +50 °C	
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit (On/Off)	
Control interface	-	
	- No	
Constant light output		

Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 40 to 48 mm
Optical cover shape	Convex lens
Optical cover finish	Silkscreen print black
Overall length	610 mm
Overall width	276 mm
Overall height	108 mm
Effective projected area	0.035 m²
Dimensions (Height x Width x Depth)	108 x 276 x 610 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 Comp	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
Product Data	
Order product name	BRP435 GRN35-/740 II DM GR C6K T25
Full product name	BRP435 GRN35-/740 II DM GR C6K T25
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Full product name	BRP435 GRN35-/740 II DM GR C6K T25
Full product name Full product code	BRP435 GRN35-/740 II DM GR C6K T25 871869610706500
Full product name         Full product code         Order code         Material Nr. (12NC)         Numerator - Quantity Per Pack	BRP435 GRN35-/740 II DM GR C6K T25 871869610706500 910505016062
Full product name Full product code Order code Material Nr. (12NC)	BRP435 GRN35-/740 II DM GR C6K T25 871869610706500 910505016062 910505016062

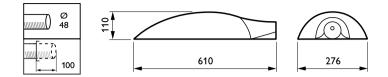
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Mechanical and Housing

EAN/UPC - Case

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#### Dimensional drawing





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