MileWide LED gen2 small

BRP435 GRN22-/740 I DM SI CLO D9 T25

MileWide 2 side entry, LED GreenLine 2200 lm, Distribution medium, Constant light output

Many municipal authorities are embracing the benefits of contemporary outdoor lighting. These include a more attractive urban environment and increased comfort, safety and security for the public. Not to mention the positive impact on environmental protection and city branding. Together with Holscher Design, Philips has developed MileWide², the successor to the highly popular MileWide family. Featuring a range of dedicated masts and brackets, the pure, clean design of MileWide² integrates perfectly with today's and tomorrow's cityscape. With its high-quality finish and high level of lighting performance, MileWide² is suitable for a wide range of applications, ranging from traffic roads to city centers. Multi-layer optics provide a uniform light distribution and reduced glare, enabling direct replacement of HID solutions without compromising on spacing, mounting height or light quality.

Product data

General Information	
Lamp family code	GRN22 [LED GreenLine 2200 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 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
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	–

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ENEC mark	ENEC mark		**Fixation material**	Aluminum
EU RoHS compliant	Yes		**Housing Color**	Silver
			Mounting device	Side-entry for diameter 40 to 48 mm
Light Technical			**Optical cover shape**	Convex lens
Upward light output ratio	0		**Optical cover finish**	Silkscreen print black
Luminous Flux	1,915 lm		**Overall length**	610 mm
Standard tilt angle posttop	0°		**Overall width**	276 mm
Standard tilt angle side entry	0°		**Overall height**	108 mm
Correlated Color Temperature (Nom)	4000 K		**Effective projected area**	0.035 m²
Luminous Efficacy (rated) (Nom)	121 lm/W		**Dimensions (Height x Width x Depth)**	108 x 276 x 610 mm
Color rendering index (CRI)	>70			
Number of light sources	40		**Approval and Application**	
Light source color	740 neutral white		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Optical cover type	Flat glass		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Luminaire light beam spread	180°		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV
Optic type outdoor	Distribution medium			differential mode and 8 kV common mode
			Protection class IEC	Safety class I
Operating and Electrical				
Input Voltage	220 to 240 V		**Initial Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz		**Luminous flux tolerance**	+/-10%
Initial CLO power consumption	12.64 W		**Initial chromaticity**	(0.38, 0.37) SDCM <3
Average CLO power consumption	14.22 W		**Power consumption tolerance**	+/-10%
End CLO power consumption	15.8 W		**Init. Color Rendering Index Tolerance**	+/-2
Inrush current	22 A			
Inrush time	0.29 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	15.8 W		**Control gear failure rate at median useful life 100000 h**	10 %
Power Factor (Fraction)	0.8			
Connection	Flying leads/wires		**Lumen maintenance at median useful life* 100000 h**	L100
Cable	Cable 0.2 m with cable connector			
Number of products on MCB of 16 A type B	5		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Temperature			**Maximum dim level**	20%
Ambient temperature range	-40 to +50 °C			
			Product Data	
Controls and Dimming			**Order product name**	BRP435 GRN22-/740 I DM SI CLO D9 T25
Dimmable	Yes		**Full product name**	BRP435 GRN22-/740 I DM SI CLO D9 T25
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output		**Full product code**	871869610693800
			Order code	10693800
Control interface	DALI		**Material Nr. (12NC)**	910505016049
Constant light output	Yes		**Numerator – Quantity Per Pack**	1
			EAN/UPC – Product/Case	8718696106938
Mechanical and Housing			**Numerator – Packs per outer box**	1
Housing Material	Aluminum		**EAN/UPC – Case**	8718696106938
Reflector material	–			
Optic material	Polymethyl methacrylate			
Optical cover material	Glass			

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Dimensional drawing