



MileWide LED gen2 large

BRP436 GRN116-/740 II DM SI CLO T25

MileWide 2 side entry large, LED GreenLine 11600 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 GRN116 [LED GreenLine 11600 lm		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Photocell	-	
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	BRP436 [MileWide 2 side entry large]	
Lighting Technology	LED	
Value ladder	Performance	
Embedded control	Constant light output	
CE mark	Yes	
Warranty period	5 years	

Datasheet, 2023, April 29 data subject to change

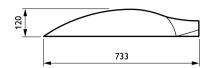
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Flammability mark		Optical cover material	Glass
ENEC mark	ENEC mark	Fixation material	Aluminum
EU RoHS compliant	Yes	Housing Color	Silver
		Mounting device	Side-entry for diameter 40 to 48 mm
Light Technical		Optical cover shape	Convex lens
Upward light output ratio	0	Optical cover finish	Silkscreen print black
Luminous Flux	9,739 lm	Overall length	734 mm
Standard tilt angle posttop	0°	Overall width	306 mm
Standard tilt angle side entry	0°	Overall height	125 mm
Correlated Color Temperature (Nom)	4000 K	Effective projected area	0.046 m²
Luminous Efficacy (rated) (Nom)	129 lm/W	Dimensions (Height x Width x Depth)	125 x 306 x 734 mm
Color rendering index (CRI)	>70		
Number of light sources	64	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 II
Operating and Electrical			V
Input Voltage	220 to 240 V	Initial Performance (IEC Compliant)	•
Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-10%
Initial CLO power consumption	60.4 W	Initial chromaticity	(0.38, 0.38) SDCM <3
Average CLO power consumption	67.95 W	Power consumption tolerance	+/-10%
End CLO power consumption	75.5 W	Init. Color Rendering Index Tolerance	+/-2
Inrush current	53 A	Over Time Perfermence (IEC Comm	lia-sh\
Inrush time	0.3 ms	Over Time Performance (IEC Comp	
Power Consumption	82 W	Control gear failure rate at median useful life 100000 h	1 10 %
Power Factor (Fraction)	0.8	Lumen maintenance at median useful	L100
Connection	Flying leads/wires	life* 100000 h	LIGO
Cable	Cable 0.2 m with cable connector	10000011	
Number of products on MCB of 16 A type B	4	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Temperature		Maximum dim level	Not applicable
Ambient temperature range	-40 to +50 °C		
Ambient temperature range	-40 to 150 C	Product Data	
Controls and Dimming		Order product name	BRP436 GRN116-/740 II DM SI CLO T25
Dimmable	No	Full product name	BRP436 GRN116-/740 II DM SI CLO T25
Driver/power unit/transformer	Power supply unit regulating with constant	Full product code	871869611610400
Siver/power unity dansionner	light output	Order code	11610400
Control interface	-	Material Nr. (12NC)	910505016204
Constant light output	Yes	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718696116104
Mechanical and Housing		Numerator - Packs per outer box	1
Housing Material	Aluminum	EAN/UPC - Case	8718696116104
Reflector material	-		
Optic material	Polymethyl methacrylate		

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Dimensional drawing









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