



MileWide LED gen2 small

BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K

MileWide 2 side entry, LED GreenLine 4000 lm, Distribution medium

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	GRN40 [LED GreenLine 4000 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 and DynaDimmer fixed
	presets version 2
CE mark	Yes
Warranty period	5 years

Datasheet, 2023, April 29 data subject to change

MileWide LED gen2 small

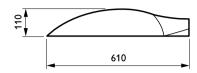
Flammability mark	
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	3,429 lm
Standard tilt angle posttop	<u>0°</u>
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	116 lm/W
Color rendering index (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
Initial CLO power consumption	23.6 W
Average CLO power consumption	26.55 W
End CLO power consumption	29.5 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	29.5 W
Power Factor (Fraction)	0.8
Connection	
Cable	Cable 10 m without plug
Number of products on MCB of 16 A type	8
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	
Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass

Fixation material	Aluminum
Housing Color	Silver
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	IKO8 [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)	
	+/-10%
<u> </u>	(0.38, 0.37) SDCM <3
·	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Over Time Performance (IEC Complia	10 %
Control gear failure rate at median useful life 100000 h	10 %
	L100
life* 100000 h	LIOO
Application Conditions	
Maximum dim level	
	Not applicable
Product Data	Not applicable
	Not applicable
Order product name	Not applicable BRP435 GRN40-/740 II DM SI CLO-DDF2
•	
	BRP435 GRN40-/740 II DM SI CLO-DDF2
Full product name	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K
Full product name	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K BRP435 GRN40-/740 II DM SI CLO-DDF2
Full product name Full product code	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K
Full product name Full product code Order code	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K 871869610730000
Full product name Full product code Order code Material Nr. (12NC)	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K 871869610730000
Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K 871869610730000 10730000 910505016086
Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K BRP435 GRN40-/740 II DM SI CLO-DDF2 C10K 871869610730000 10730000 910505016086

MileWide LED gen2 small

Dimensional drawing









© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.