PHILIPS Lighting



MileWide LED gen2 small

BRP435 GRN75-/740 II DM SI T25 ES

MileWide 2 side entry, LED GreenLine 7500 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 highquality 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	GRN75 [LED GreenLine 7500 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
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark

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EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	6,241 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	125 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

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 Compliant)

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 GRN75-/740 II DM SI T25 ES
Full product name	BRP435 GRN75-/740 II DM SI T25 ES
Full product code	871869610744700
Order code	10744700
Material Nr. (12NC)	910505016101
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696107447
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696107447

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	50 W
Power Factor (Fraction)	0.8
Connection	Flying leads/wires
Cable	Cable 0.2 m with cable connector

Number of products on MCB of 16 A type 8

в

Temperature

Ambient temperature range

Controls and Dimming

Fixation material

Housing Color

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Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass

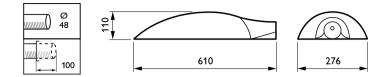
Aluminum

Silver

-40 to +50 °C

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Dimensional drawing





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