



# MileWide<sup>2</sup>

## 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 MileWide<sup>2</sup>, the successor to the highly popular MileWide family. Featuring a range of dedicated masts and brackets, the pure, clean design of MileWide<sup>2</sup> integrates perfectly with today's and tomorrow's cityscape. With its high-quality finish and high level of lighting performance, MileWide<sup>2</sup> 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 engine type	LED
Light source replaceable	No	Product family code	BRP435 [MileWide 2 side entry]
Number of gear units	Unit	Lighting Technology	LED
Driver included	Yes	Value ladder	Performance
Remarks	* - According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value.	Embedded control	Constant light output
		CE mark	Yes
		Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark
		EU RoHS compliant	Yes

**Light Technical**

Upwards light output ratio	0
Luminous Flux	1.915 lm
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	121 lm/W
Colour rendering index (CRI)	>70
Light source colour	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	12.64 W
Average CLO power consumption	14.22 W
End CLO power consumption	15.8 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	15.8 W
Power Factor (Fraction)	0.8
Connection	Flying leads/cables
Cable	Cable 0.2 m with cable connector
Number of products on MCB of 16 A type B	5

**Temperature**

Ambient temperature range	-40 to +50 °C
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**Controls and Dimming**

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Control interface	DALI
Constant light output	Yes

**Mechanical and Housing**

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Silver

Mounting device	Side-entry for diameter 40 to 48 mm
Optical cover/lens shape	Convex lens
Optical cover/lens 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 up to 6 kV differential mode and 8 kV common mode
Protection class IEC	Safety class I

**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 life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L100

**Application Conditions**

Performance ambient temperature Tq	25 °C
Maximum dim level	20%

**Product Data**

Order product name	BRP435 GRN22-/740 I DM SI CLO D9 T25
Full product name	BRP435 GRN22-/740 I DM SI CLO D9 T25
Full EOC	871869610693800
Order code	10693800
Material no. (12 NC)	910505016049
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696106938
Numerator – packs per outer box	1
EAN/UPC - Case	8718696106938

## Dimensional drawing

