



# MileWide LED gen2 large

## BRP436 GRN150-/830 I DM SI T25

MileWide 2 side entry large, LED GreenLine 15000 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 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	GRN150 [LED GreenLine 15000 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	-	
CE mark	Yes	
Warranty period	5 years	

## MileWide LED gen2 large

Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

### Light Technical

Upward light output ratio	0
Luminous Flux	11,869 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	80
Number of light sources	64
Light source color	830 warm 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
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	122 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 B	4

### Temperature

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

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
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	734 mm
Overall width	306 mm
Overall height	125 mm
Effective projected area	0.046 m²
Dimensions (Height x Width x Depth)	125 x 306 x 734 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 I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.43, 0.40) 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 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L80

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

### Product Data

Order product name	BRP436 GRN150-/830 I DM SI T25
Full product name	BRP436 GRN150-/830 I DM SI T25
Full product code	871869611602900
Order code	11602900
Material Nr. (12NC)	910505016195
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696116029
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696116029

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### Dimensional drawing

