# **PHILIPS** Lighting



# 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 highquality 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.
LED
BRP436 [MileWide 2 side entry large]
LED
Performance
-
Yes
5 years

## MileWide LED gen2 large

Flammability mark	
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	O°
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	4
В	

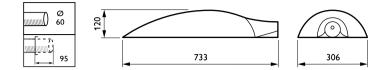
Temperature		
Ambient temperature range	-40 to +50 °C	

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 Comp	liant)
Control gear failure rate at median usefu	l 10 %
life 100000 h	
life 100000 h Lumen maintenance at median useful	L80
	L80
Lumen maintenance at median useful	L80
Lumen maintenance at median useful	L80
Lumen maintenance at median useful life* 100000 h	L80 25 °C
Lumen maintenance at median useful life* 100000 h Application Conditions	
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	25 °C
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Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	25 °C
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	25 °C Not applicable
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	25 °C Not applicable BRP436 GRN150-/830 I DM SI T25
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	25 °C Not applicable BRP436 GRN150-/830 I DM SI T25 BRP436 GRN150-/830 I DM SI T25
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Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	25 °C Not applicable BRP436 GRN150-/830 I DM SI T25 BRP436 GRN150-/830 I DM SI T25 871869611602900 11602900
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C Not applicable BRP436 GRN150-/830 I DM SI T25 BRP436 GRN150-/830 I DM SI T25 871869611602900 11602900 910505016195
Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C Not applicable BRP436 GRN150-/830 I DM SI T25 BRP436 GRN150-/830 I DM SI T25 871869611602900 11602900 910505016195 1

## MileWide LED gen2 large

#### Dimensional drawing





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