

MileWide LED gen2 large

BRP436 GRN116-/740 II DM SI CLO C10K T15

MileWide 2 side entry large, LED GreenLine 11600 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 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	GRN116 [LED GreenLine 11600 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	Constant light output
CE mark	Yes
Warranty period	5 years

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Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0
Luminous Flux	9,739 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	129 lm/W
Color rendering index (CRI)	>70
Number of light sources	64
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	60.4 W
Average CLO power consumption	67.95 W
End CLO power consumption	75.5 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	82 W
Power Factor (Fraction)	0.8
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A type B	4

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	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 II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38, 0.38) 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	L100

Application Conditions

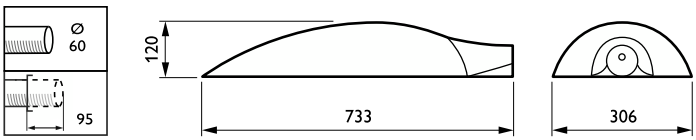
Performance ambient temperature Tq	15 °C
Maximum dim level	Not applicable

Product Data

Order product name	BRP436 GRN116-/740 II DM SI CLO C10K T15
Full product name	BRP436 GRN116-/740 II DM SI CLO C10K T15
Full product code	871869611632600
Order code	11632600
Material Nr. (12NC)	910505016226
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696116326
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696116326

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Dimensional drawing



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