



# MileWide LED gen2 large

## BRP436LED185-4S/740II SI BL1D28DM12SRG10

MileWide 2 side entry large, LED module 18500 lm, 740 neutral white, Safety class II, Distribution medium 12, Silver, Cable 0.5 m with cable connector 3-pole

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		Product family code	BRP436 [MileWide 2 side entry large]
Lamp family code	LED185 [LED module 18500 lm]	Lighting Technology	LED
Light source replaceable	Yes	Value ladder	Performance
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Flammability mark	-
Light source engine type	LED	ENEC mark	ENEC mark
		EU RoHS compliant	Yes

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<b>Light Technical</b>	
Upward light output ratio	0
Luminous Flux	15,725 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	138 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 12
<b>Operating and Electrical</b>	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	300 ms
Power Consumption	114 W
Power Factor (Fraction)	0.98
Connection	Connection unit 3-pole
Cable	Cable 0.5 m with cable connector 3-pole
Number of products on MCB of 16 A type B 8	
<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
<b>Mechanical and Housing</b>	
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 60 mm
Optical cover shape	Flat
Optical cover finish	Clear

Overall length	734 mm
Overall width	306 mm
Overall height	137 mm
Effective projected area	0.066 m²
Dimensions (Height x Width x Depth)	137 x 306 x 734 mm
<b>Approval and Application</b>	
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 10 kV differential mode and 10 kV common mode
Sustainability rating	-
Protection class IEC	Safety class II
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
<b>Over Time Performance (IEC Compliant)</b>	
Driver failure rate at 5000 h	0.05 %
Lumen maintenance at median useful life*	L95
100000 h	
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable
<b>Product Data</b>	
Order product name	BRP436LED185-4S/740II SI BL1D28DM12SRG10
Full product name	BRP436LED185-4S/740II SI BL1D28DM12SRG10
Full product code	871869958047600
Order code	58047600
Material Nr. (12NC)	919008633660
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699580476
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699580476

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### Dimensional drawing

