



MileWide² 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 - Cord 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 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		Cable	Cord 0.5 m with cable connector 3-pole
Lamp family code	LED185 [LED module 18500 lm]	Protection class IEC	Safety class II
Light source colour	740 neutral white	Coating	Marine salt protected coating
Light source replaceable	Yes	Flammability mark	NO [-]
Number of gear units	1 unit	CE mark	CE mark
Driver/power unit/transformer	PSU [Power supply unit]	ENEC mark	ENEC mark
Driver included	Yes	Warranty period	5 years
Optical cover/lens type	FG [Flat glass]	Optic type outdoor	Distribution medium 12
Luminaire light beam spread	-	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Control interface	-		
Connection	Connection unit 3-pole		

MileWide² Large

Constant light output	No
Number of products on MCB (16 A type B)	8
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BRP436 [MileWide 2 side entry large]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	220/240 V
Input frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	300 ms
Power factor (min.)	0.98

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	605 [Side-entry for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	734 mm
Overall width	306 mm
Overall height	137 mm
Effective projected area	0.066 m ²
Colour	Silver

Dimensions (height x width x depth)	137 x 306 x 734 mm (5.4 x 12 x 28.9 in)
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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)	Surge protection level until 10 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	15725 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	138 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	114 W
Power consumption tolerance	+/-11%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

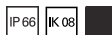
Lumen maintenance at median useful life* 100,000 h	L95
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Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

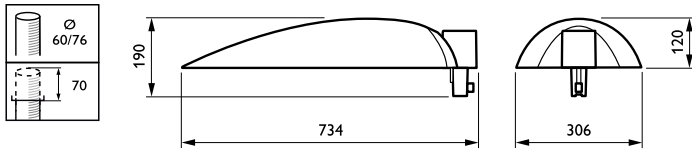
Product Data

Full product code	871869958047600
Order product name	BRP436LED185-4S/740II SI BL1D28DM12SRG10
EAN/UPC – product	8718699580476
Order code	58047600
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919008633660
SAP net weight (piece)	6.800 kg



MileWide² Large

Dimensional drawing



MileWide2 Large BPP/BRP436

