



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, 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 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	LED185 [LED module 18500 lm]
Light source replaceable	Yes
Number of gear units	Unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BRP436 [MileWide 2 side entry large]
Lighting Technology	LED

Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Upwards light output ratio	0
Luminous Flux	15,725 lm
Standard tilt angle post-top	-

MileWide² Large

Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	138 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution medium 12

Operating and Electrical

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

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	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Silver
Mounting device	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
Dimensions (height x width x depth)	137 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 up to 10 kV differential mode and 10 kV common mode
Sustainability rating	-
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5,000 hours	0.05 %
Lumen maintenance at median useful life*	L95
100,000 h	

Application Conditions

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

Product Data

Order product name	BRP436LED185-4S/740II SI BL1D28DM12SRG10
Full product name	BRP436LED185-4S/740II SI BL1D28DM12SRG10
Full EOC	871869958047600
Order code	58047600
Material no. (12 NC)	919008633660
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699580476
Numerator – packs per outer box	1
EAN/UPC - Case	8718699580476

MileWide² Large

Dimensional drawing

