



MileWide LED gen2 large

BPP436 LED185-4S/740 I SI DM10 D9 SRG10

MileWide 2 post LED large, LED module 18500 lm, 740 neutral white, Safety class I, Distribution medium 10, Silver, Cable 0.5 m with cable connector 5-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	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED

Service tag	Yes
Product family code	BPP436 [MileWide 2 post LED large]
Lighting Technology	LED
Value ladder	Performance
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

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Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
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Light Technical

Upward light output ratio	0
Luminous Flux	15,540 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	139 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 10

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	300 ms
Power Consumption	112 W
Power Factor (Fraction)	0.99
Connection	Connection unit 5-pole
Cable	Cable 0.5 m with cable connector 5-pole
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	Post-top for diameter 60 to 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	733 mm
Overall width	306 mm
Overall height	188 mm
Effective projected area	0.066 m²
Dimensions (Height x Width x Depth)	188 x 306 x 733 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 10 kV differential mode and 10 kV common mode
Sustainability rating	-
Protection class IEC	Safety class I

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 5000 h	0.05 %
Lumen maintenance at median useful life* 100000 h	L95

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

Product Data

Order product name	BPP436 LED185-4S/740 I SI DM10 D9 SRG10
Full product name	BPP436 LED185-4S/740 I SI DM10 D9 SRG10
Full product code	871869958046900
Order code	58046900
Material Nr. (12NC)	919008633659
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699580469
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699580469

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Dimensional drawing

