MileWide LED gen2 small

BPP435 LED105-4S/740 I SI BL1 DX70 60S

MileWide 2 post LED, LED module 10500 lm, 740 neutral white, Safety class I, Distribution extra wide 70, Silver, Marine salt protected coating, Cable 0.5 m without plug 3-pole, Side-entry for diameter 60 mm

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	LED105 [LED module 10500 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
Product family code	BPP435 [MileWide 2 post LED]
Lighting Technology	LED
Value ladder	Performance

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CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0
Luminous Flux	5,460 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	88 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 extra wide 70

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	62 W
Power Factor (Fraction)	0.99
Connection	Connection unit 3-pole
Cable	Cable 0.5 m without plug 3-pole
Number of products on MCB of 16 A type B	10

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	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	574 mm
Overall width	276 mm
Overall height	178 mm
Effective projected area	0.049 m²
Dimensions (Height x Width x Depth)	178 x 276 x 574 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
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 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

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

Product Data

Order product name	BPP435 LED105-4S/740 I SI BL1 DX70 60S
Full product name	BPP435 LED105-4S/740 I SI BL1 DX70 60S
Full product code	871869958044500
Order code	58044500
Material Nr. (12NC)	919008633657
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699580445
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699580445

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Dimensional drawing