



MileWide²

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

MileWide 2 post LED - LED module 10500 lm - 740 neutral white - Safety class I (I) - Distribution extra wide 70 - Silver - Marine salt protected coating - Cord 0.5 m with cable connector 3-pole - Post-top for diameter 60-76 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]	Connection	CU3 [Connection unit 3-pole]
Light source colour	740 neutral white	Cable	Cord 0.5 m with cable connector 3-pole
Light source replaceable	Yes	Protection class IEC	Safety class I (I)
Number of gear units	1 unit	Coating	Marine salt protected coating
Driver/power unit/transformer	PSU [Power supply unit]	Flammability mark	NO [-]
Driver included	Yes	CE mark	CE mark
Optical cover/lens type	FG [Flat glass]	ENEC mark	ENEC mark
Luminaire light beam spread	-	Warranty period	5 years
Control interface	-	Optic type outdoor	Distribution extra wide 70

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	10
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	BPP435 [MileWide 2 post LED]

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	45 A
Inrush time	285 ms
Power factor (min.)	0.98

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	60/76P [Post-top for diameter 60-76 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	574 mm
Overall width	276 mm
Overall height	178 mm

Effective projected area	0.049 m ²
Colour	Silver
Dimensions (height x width x depth)	178 x 276 x 574 mm (7 x 10.9 x 22.6 in)

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 6 kV differential mode and 6 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	8190 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	128 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	>70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	64 W
Power consumption tolerance	+/-10%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

Lumen maintenance at median useful life* 100,000 h	L96
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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	871869958044500
Order product name	BPP435 LED105-4S/740 SI BL1 DX70 60S
EAN/UPC – product	8718699580445
Order code	58044500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919008633657
SAP net weight (piece)	6.557 kg



Dimensional drawing



MileWide2 BPP/BRP435

