MileWide LED gen2 small

BPP435LED45/740IISIBL1DM12CTGCOSRB60S

MileWide 2 post LED, LED Module 4500 lm, 740 neutral white, Safety class II, Distribution medium 12, Silver, Marine salt protected coating, Cable 0.5 m with cable connector 3-pole, Post-top for diameter 60 to 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		Light source engine type	LED
Lamp family code	LED45 [LED Module 4500 lm]	Product family code	BPP435 [MileWide 2 post LED]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Performance
Driver included	Yes	CE mark	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Warranty period	5 years
		Flammability mark	–

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ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0
Luminous Flux	3,915 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	137 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 12

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	300 ms
Power Consumption	28.5 W
Power Factor (Fraction)	0.96
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	20

Temperature

Ambient temperature range	–40 to +50 ℃

Controls and Dimming

Dimmable	Yes
Driver/power unit/ transformer	Power supply unit with DALI and SystemReady interface
Control interface	GPRS network
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	574 mm
Overall width	276 mm
Overall height	205 mm
Effective projected area	0.049 m²
Dimensions (Height x Width x Depth)	205 x 276 x 574 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet–proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/ Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
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 5000 h	0.05 %
Lumen maintenance at median useful life* 100000 h	L96

Application Conditions

Performance ambient temperature Tq	25 ℃
Maximum dim level	Programmable

Product Data

Order product name	BPP435LED45/740IISIBL1DM12CTGCOSRB60S
Full product name	BPP435LED45/740IISIBL1DM12CTGCOSRB60S
Full product code	871869958045200
Order code	58045200
Material Nr. (12NC)	919008633658
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699580452
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699580452

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Dimensional drawing