



# MileWide<sup>2</sup>

## BPP435LED45/740IISIBL1DM12CTGCOSRB60S

MileWide 2 post LED - LED module 45000 lm - 740 neutral white - Safety class II - Distribution medium 12 - 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 MileWide<sup>2</sup>, the successor to the highly popular MileWide family. Featuring a range of dedicated masts and brackets, the pure, clean design of MileWide<sup>2</sup> integrates perfectly with today's and tomorrow's cityscape. With its high-quality finish and high level of lighting performance, MileWide<sup>2</sup> 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	LED450 [ LED module 45000 lm]	Connection	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 II
Number of gear units	1 unit	Coating	Marine salt protected coating
Driver included	Yes	Flammability mark	NO [-]
Optical cover/lens type	FG [ Flat glass]	CE mark	CE mark
Luminaire light beam spread	-	ENEC mark	ENEC mark
Control interface	GPRS network	Outdoor optic type	Distribution medium 12
		Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components

Constant light output	No
Number of products on MCB	20
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BPP435 [ MileWide 2 post LED]

## Light Technical

Upward light output ratio	0.03
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	21 A
Inrush time	300 ms
Power factor (min.)	0.96

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
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	205 mm
Effective projected area	0.049 m <sup>2</sup>
Colour	Silver

## 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 up to 6 kV differential mode and 6 kV common mode

## Initial Performance (IEC Compliant)

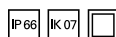
Initial luminous flux	3915 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	137 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	28.5 W
Power consumption tolerance	+/-11%

## Application Conditions

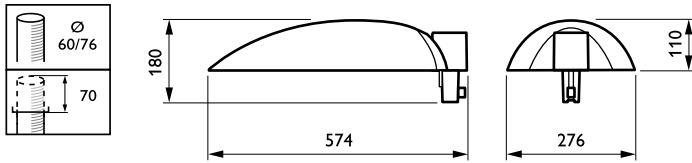
Ambient temperature range	-40 to +50 °C
Maximum dimming level	Programmable

## Product Data

Full product code	871869958045200
Order product name	BPP435LED45/740IISIBL1DM12CTGCOSRB60S
EAN/UPC – product	8718699580452
Order code	58045200
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	919008633658
Net weight (piece)	5.740 kg



Dimensional drawing



MileWide2 BPP/BRP435

