



MileWide² – design meets efficiency

MileWide²

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.

Benefits

- Consistency and continuity of family design
- Complete solution with dedicated masts and brackets
- Significant energy savings (up to 80% compared to HPL) without compromising on quality of light

Features

- Dedicated total solution based on clean-design, high-finish MileWide family
- Designed for LED – no compromise
- Exceptionally high performance and good glare control
- Different optics available – suitable for a wide range of applications
- "Plug-and-play"

Application

- Residential streets
- Walking, cycling and running paths
- Main roads
- Motorways
- Car parks

Specifications

Type	BPP435 (post-top version) BRP435 (side-entry version)	Optical cover	Thermally hardened glass, flat
Light source	Integral LED-module	Material	Housing: high-pressure, die-cast aluminium, non-corrosive Cover: glass, thermally hardened
Power	Neutral white: 8.7 to 71 W Warm white: 10.6 to 77 W	Colour	Silver satin grey (SI) Philips dark grey (GR) Other RAL or AKZO Futura colours available on request
Luminous flux (system)	Neutral white: 1,040 - 9,775 lm Warm white: 1,027 - 8,500 lm	Maintenance	5 torx screws from below The Philips Service tag will help to identify the product and share all product information on the spot
Luminaire efficacy	Up to 149 lm/W	Installation	Side-entry mounting: lateral entry Ø 42-48 mm Post-top mounting: Ø 60-76 mm Spigot is external Recommended mounting height: 6-8 m Max SCx: 0.049 m²
Correlated Colour	3,000 K (Warm white)	Remarks	Dedicated accessories available for different mounting possibilities
Temperature	4,000 K (neutral white)	SR compatibility	Luminaire prepared for SR drivers and sockets, offering a standardised, futureproof platform for connectivity and sensors. For SR-based luminaires only SR-Certified components/sensors are to be used (see also: http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting). Functional compatibility of 2 (SR-certified) components/sensors to be used in combination as well as override the possibility of any lineswitch function used in an SR-based luminaire, is to be released by the master component/sensor supplier. For the use of a NEMA 7-pin socket on an SR-based luminaire, a full-system verification is required. Not following this advice can/will cause risk of damage and non-compliance for which Signify cannot take any responsibility.
Colour Rendering Index	≥ 70 (Neutral white, 4,000 K) ≥ 80 (Warm white, 3,000 K)		
Lumen maintenance at median useful life* 100,000 h	up to L95		
Control gear failure rate at median useful life 100,000 h	10%		
Performance Ambient Temperature Tq	+25 °C		
Operating temperature range	-20 to +35 °C		
Driver	Built-in (self ballasted LED-module)		
Mains voltage	220-240 V / 50-60 Hz		
Inrush current	22 W driver: 15 A at 295 µs SR 22 W driver: 18 A at 320 µs 40 W driver: 21 A at 225 µs SR 40 W driver: 21 A at 300 µs 100 W driver: 45 A at 285 µs		
Dimming	Stand-alone DynaDimmer DALI Mains Dimming CM – Group dimming		
Options	Wired for SR (System-Ready)		
Optic	Distribution Medium (DM), Wide (DW), Comfort (DC), DistributionRoad Wet (DK), Distribution Narrow (DN), Asymmetric (A), Symmetric (S), Distribution Pedestrian crossing (DP-L & DP-R)		

MileWide²

Versions



Product details



MileWide2

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Driver failure rate at 5000 h	0.05 %
Application Conditions	
Maximum dim level	Not applicable
Approval and Application	
Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Controls and Dimming	
Dimmable	No
General Information	
Luminaire light beam spread	-
CE mark	CE mark
Coating	Marine salt protected coating
Light source colour	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Init. Corr. Colour Temperature	4000 K
Init. Colour Rendering Index	>70
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0
Mechanical and Housing	
Colour	Silver

General Information

Order Code	Full Product Name	Lamp family code	Optic type	Product Family Code
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	LED85	Distribution medium 50	BRP435
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	LED105	Distribution extra wide 70	BPP435

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux	Order Code	Full Product Name	Initial luminous flux
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	7396 lm	58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	8190 lm

