



# MileWide<sup>2</sup> – design meets efficiency

## MileWide<sup>2</sup>

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.

### 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

<b>Type</b>	BPP435 (post-top version) BRP435 (side-entry version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	Neutral white: 8.7 to 71 W Warm white: 10.6 to 77 W
<b>Luminous flux (system)</b>	Neutral white: 1040 - 9775 lm Warm white: 1027 - 8500 lm
<b>Luminaire efficacy</b>	Up to 149 lm/W
<b>Correlated Color</b>	3000 K (Warm white)
<b>Temperature</b>	4000 K (Neutral white)
<b>Color Rendering Index</b>	≥ 70 (Neutral white, 4000 K) ≥ 80 (Warm white, 3000 K)
<b>Lumen maintenance at median useful life* 100000 h</b>	up to L95
<b>Control gear failure rate at median useful life 100000 h</b>	10%
<b>Performance Ambient Temperature Tq</b>	+25 °C
<b>Operating temperature range</b>	-20 to +35 °C
<b>Driver</b>	Built-in (self ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Inrush current</b>	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
<b>Dimming</b>	Stand alone DynaDimmer DALI Mains Dimming CM - Group dimming
<b>Options</b>	Wired for SR (System Ready)

<b>Optic</b>	Distribution Medium (DM), Wide (DW), Comfort (DC), Distribution Road Wet (DK), Distribution Narrow (DN), Asymmetric (A), Symmetric (S), Distribution Pedestrian crossing (DP-L & DP-R)
<b>Optical cover</b>	Thermally hardened glass, flat
<b>Material</b>	Housing: high-pressure, die-cast aluminum, non-corrosive Cover: glass, thermally hardened
<b>Color</b>	Silver satin grey (SI) Philips dark grey (GR) Other RAL or AKZO futura colors available on request
<b>Maintenance</b>	5 torx screws from below The Philips Service tag will help to identify the product and share all product information on the spot
<b>Installation</b>	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 m <sup>2</sup>
<b>Remarks</b>	Dedicated accessories available for different mounting possibilities
<b>SR compatibility</b>	Luminaire prepared for SR drivers and socket, offering a standardized futureproof platform for connectivity and sensors. For SR based luminaires only SR Certified components/sensors are to be used (see also: <a href="http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting">http://www.lighting.philips.co.uk/oem-emea/products/driving-connected-lighting</a> ). Functional compatibility of 2 (SR certified) components/sensors to be used in combination as well as override possibility of any lineswitch function used in a SR based luminaire, is to be released by the master component/sensor supplier. For the use of NEMA 7pin socket on a SR based luminaire a full system verification is required. Not following these advises can/will cause risk of damage and non-compliance for which Signify cannot take any responsibility.

## Versions

Small MileWide 2 with side entry  
adaptor 42/ 48 mm



Small MileWide 2 SI with side  
entry adaptor 60 mm



Small MileWide 2 with Post Top  
adaptor 60 mm



## Product details

MileWide2



MileWide2



-	
Driver failure rate at 5000 h	0.05 %
<b>Approval and Application</b>	
Mech. impact protection code	IK08
<b>General Information</b>	
Luminaire light beam spread	-
CE mark	CE mark
Coating	Marine salt protected coating
Light source color	740 neutral white
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
<b>Initial Performance (IEC Compliant)</b>	
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
<b>Light Technical</b>	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0
<b>Mechanical and Housing</b>	
Color	Silver

### Application Conditions

Order Code	Full Product Name	Maximum dim level
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	Not applicable
58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	Programmable
58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	Programmable
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	Not applicable

### Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Order Code	Full Product Name	Surge Protection (Common/Differential)
58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	Surge protection level until 10 kV
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

### Controls and Dimming

Order Code	Full Product Name	Dimmable
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	No
58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	Yes

Order Code	Full Product Name	Dimmable
58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	Yes
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	No

### General Information

Order Code	Full Product Name	Lamp family		Product Family
		code	Optic type	Code
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	LED85	Distribution medium 50	BRP435
58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	LED115	Distribution medium 12	BRP435

Order Code	Full Product Name	Lamp family		Product Family
		code	Optic type	Code
58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	LED115	Distribution medium 31	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
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	7396 lm
58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	9660 lm

Order Code	Full Product Name	Initial luminous flux
58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	9775 lm
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	8190 lm

