



MileWide² – Elegant, yet highly efficient and future-proof

MileWide²

Together with Holscher Design, we have 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. Thanks to its advanced LED engine, and use of application-tailored optics, MileWide² delivers outstanding quality of light and light performance, enabling significant energy savings, yet still providing perfectly uniform light on the road. MileWide² is also ready to be paired with lighting control and software applications because it is equipped with the Philips SR (System Ready) socket. This means it can be connected to advanced software applications, such as Interact City, at any time during its lifetime. Furthermore, each luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime.

Benefits

- Clear identity, which is further enhanced by dedicated poles and brackets solutions creating distinctive styles
- Ensuring visual comfort through high quality, comfortable lighting experiences in urban spaces with varying geometries
- Ready to be paired with lighting control and software applications by being equipped with the Philips SR (System Ready) socket
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features

- Dedicated total solution based on the clean-design and high-quality finish of the MileWide family
- High efficacy up to 149 lm/W
- Large variety of choices in terms of beams and internal louvers
- Lifetime up to 100,000 hours at L95B10
- Easy luminaire is identifiable thanks to the QR code based Philips Service tag

Application

- Traffic routes, motorways and main access roads
- Urban and residential areas
- Cycle paths, footpaths and pedestrian crossings
- Car parks

Specifications

Type	BPP435 (post-top version) BRP435 (side-entry version)
Light source	Integral LED-module
Power	Neutral white: 8.7 to 71 W Warm white: 10.6 to 77 W
Luminous flux (system)	Neutral white: 1040 - 9775 lm Warm white: 1027 - 8500 lm
Luminaire efficacy	Up to 149 lm/W
Correlated Color	3000 K (Warm white)
Temperature	4000 K (Neutral white)
Color Rendering Index	≥ 70 (Neutral white, 4000 K) ≥ 80 (Warm white, 3000 K)
Lumen maintenance at median useful life*	up to L95
100000 h	
Control gear failure rate at median useful life	10%
100000 h	
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)
Optical cover	Thermally hardened glass, flat
Material	Housing: high-pressure, die-cast aluminum, non-corrosive Cover: glass, thermally hardened
Color	Silver satin grey (SI) Philips dark grey (GR) Other RAL or AKZO futura colors available on request
Maintenance	5 torx screws from below The Philips Service tag will help to identify the product and share all product information on the spot
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
Remarks	Dedicated accessories available for different mounting possibilities
SR compatibility	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: 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 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 %
Approval and Application	
Mech. impact protection code	IK08
General Information	
Luminaire light beam spread	-
CE mark	CE mark
Coating	Marine salt protected coating
Light source color	740 neutral white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Initial Performance (IEC Compliant)	
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Light Technical	
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0
Mechanical and Housing	
Color	Silver

Application Conditions

Order Code	Full Product Name	Maximum dim level
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	Not applicable
919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	Programmable
919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	Programmable
919008633657	BPP435 LED105-4S/740 I SI BL1 DX70 60S	Not applicable

Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
919008633654	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)
919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
919008633657	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
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	No
919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	Yes

Order Code	Full Product Name	Dimmable
919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	Yes
919008633657	BPP435 LED105-4S/740 I SI BL1 DX70 60S	No

General Information

Order Code	Full Product Name	Lamp family	Optic type	Product Family
		code		Code
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	LED85	Distribution medium 50	BRP435
919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	LED115	Distribution medium 12	BRP435

Order Code	Full Product Name	Lamp family	Optic type	Product Family
		code		Code
919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	LED115	Distribution medium 31	BRP435
919008633657	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
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	7396 lm
919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	9660 lm

Order Code	Full Product Name	Initial luminous flux
919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	9775 lm
919008633657	BPP435 LED105-4S/740 I SI BL1 DX70 60S	8190 lm

