



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
- Ease of serviceability thanks to the Philips Service tag and ready to be paired with lighting control and software applications by being equipped with the Philips SR (System Ready) socket

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* 100000 h	up to L95
Control gear failure rate at median useful life 100000 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), Distribution Road 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 MileWide2 with side entry adaptor 42/48 mm & CityTouch node



Small MileWide 2 with side entry adaptor 42/48 mm & CityTouch Node & SR Bottom socket



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



Small MileWide 2 SI with Post Top adaptor 60 mm, CityTouch node & SR Bottom Socket

Product details



MileWide2



MileWide2

Product details



MileWide2



MileWide2



MileWide2

General Information

Luminaire light beam spread	-
CE mark	CE mark
Coating	Marine salt protected coating
Optical cover/lens type	Flat glass
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit

Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	-
Upward light output ratio	0.03

Mechanical and Housing

Color	Silver
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Application Conditions

Order Code	Full Product Name	Maximum dim level
919008633651	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	Programmable
919008633652	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	Programmable
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
919008633658	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	Programmable

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
919008633651	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	IK08	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
919008633652	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	IK07	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	IK08	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	IK08	Luminaire surge protection level until 6 kV

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	IK08	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
919008633657	BPP435 LED105-4S/740 I SI BL1 DX70 60S	IK08	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
919008633658	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	IK07	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
919008633651	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	Yes
919008633652	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	Yes
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
919008633658	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	Yes

General Information

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Order Code	Full Product Name			
919008633651	BRP435LED22-4S/830I SI DM50 CTGCO-48ST25	830 warm white	LED22	Distribution medium 50	919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	740 neutral white	LED115	Distribution medium 31	919008633657	BPP435 LED105-4S/740 I SI BL1 DX70 60S	740 neutral white	LED105	Distribution extra wide 70
919008633652	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	830 warm white	LED35	Distribution symmetrical 50	919008633658	BPP435LED45/740IISIBLIDM12CTGCOSRB60S	740 neutral white	LED450	Distribution medium 12					
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	740 neutral white	LED85	Distribution medium 50										
919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	740 neutral white	LED115	Distribution medium 12										

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Ir lu	Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008633651	BRP435LED22-4S/830I SI DM50 CTGCO-48ST25	3000 K	≥80	1892lm	919008633654	BRP435 LED115-4S/740II SI DM12 D9 48ST25	4000 K	≥70	9660 lm
					919008633656	BRP435LED115-4S/740II SI DM31 D9SRG1060S	4000 K	≥70	9775 lm
919008633652	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	3000 K	≥80	2940 lm	919008633657	BPP435 LED105-4S/740 I SI BL1 DX70 60S	4000 K	≥70	8190 lm
919008633653	BRP435 LED85-4S/740 II SI DM50 48S T25	4000 K	≥70	7396lm	919008633658	BPP435LED45/740IISIBLIDM12CTGCOSRB60S	4000 K	≥70	3915 lm

