



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)
Light source	Integral LED-module
Power	14 to 86 W
Luminous flux (system)	Neutral white: 1750 - 9000 lm Warm white: 1650 - 8000 lm
Luminaire efficacy	Up to 125 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)
Lifetime - L80F10	100,000 hours
Operating temperature range	-20 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	40 W driver: 65 A at 100 μs 100 W driver: 80 A at 150 μs
Dimming	Lumistep DynaDimer Mains Dimming Minicell

Controls system input	Dimming via 1-10 V DALI
Optic	Medium wide street optic (MSO), wet road optic (DK), medium optic (DM), wide optic (DW)
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
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

Versions



Versions



Product details



MileWide2



MileWide2



MileWide2



MileWide2



MileWide2

General Information	
Luminaire light beam spread	-
CE mark	CE mark
Coating	Marine salt protected coating
Optical cover/lens type	FG
Driver included	Yes
Flammability mark	NO
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	
Colour	Silver

Application Conditions

Order Code	Full Product Name	Maximum dim level
58038400	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	Programmable
58039100	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	Programmable
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
58045200	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	Programmable

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
58038400	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	IK08	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
58039100	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	IK07	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	IK08	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	IK08	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode

Order Code	Full Product Name	Mech. impact protection code	Surge Protection (Common/Differential)
58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	IK08	Surge protection level until 10 kV
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	IK08	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
58045200	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	IK07	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
58038400	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	Yes
58039100	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	Yes
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
58045200	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	Yes

General Information

Order Code	Full Product Name	Light source colour	Lamp family code	P F Order C Code	Full Product Name	Light source colour	Lamp family code	Optic type	Product Family Code
58038400	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	830 warm white	LED22	Distribution medium 50	58043800 BRP435LED115-4S/740II SI DM31 D9SRG1060S	740 neutral white	LED115	Distribution medium 31	BRP435
58039100	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	830 warm white	LED35	Distribution symmetrical 50	58044500 BPP435 LED105-4S/740 I SI BL1 DX70 60S	740 neutral white	LED105	Distribution extra wide 70	BPP435
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	740 neutral white	LED85	Distribution medium 50	58045200 BPP435LED45/740IISIBL1DM12CTGCOSRB60S	740 neutral white	LED450	Distribution medium 12	BPP435
58041400	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. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux	Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour Rendering Index	Initial luminous flux
58038400	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25	3000 K	≥80	1892 lm	58041400	BRP435 LED115-4S/740II SI DM12 D9 48ST25	4000 K	≥70	9660 lm
					58043800	BRP435LED115-4S/740II SI DM31 D9SRG1060S	4000 K	≥70	9775 lm
58039100	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S	3000 K	≥80	2940 lm	58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	4000 K	≥70	8190 lm
58040700	BRP435 LED85-4S/740 II SI DM50 48S T25	4000 K	≥70	7396 lm	58045200	BPP435LED45/740IISIBL1DM12CTGCOSRB60S	4000 K	≥70	3915 lm

