MileWide² – design meets efficiency

MileWide LED gen2 small

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"

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

Dimensional drawing

Product details

MileWide2

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General Information

CE mark	Yes
Driver included	Yes
Flammability mark	–
Light source replaceable	Yes
Number of gear units	1 unit
Product family code	BPP435

Light Technical

Luminaire light beam spread	–
Optical cover type	Flat glass
Standard tilt angle side entry	–
Standard tilt angle posttop	–
Upward light output ratio	0

Controls and Dimming

Dimmable	No

Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP66
Surge Protection (Common/ Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Application Conditions

Maximum dim level	Not applicable

General Information

Order Code	Full Product Name	Lamp family code
71880700	BPP435 LED40-/830 II DM12 GR CLO SRT SRB	LED40
71881400	BPP435 LED45-/740 II DM12 GR CLO SRT SRB	LED45
71882100	BPP435 LED60-/830 II DM12 GR CLO SRT SRB	LED60
71883800	BPP435 LED65-/740 II DM12 GR CLO SRT SRB	LED65
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	LED105

Light Technical (1/2)

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
71880700	BPP435 LED40-/830 II DM12 GR CLO SRT SRB	830 warm white	3000 K	>80	3,268 lm
71881400	BPP435 LED45-/740 II DM12 GR CLO SRT SRB	740 neutral white	4000 K	>70	3,828 lm
71882100	BPP435 LED60-/830 II DM12 GR CLO SRT SRB	830 warm white	3000 K	>80	5,104 lm
71883800	BPP435 LED65-/740 II DM12 GR CLO SRT SRB	740 neutral white	4000 K	>70	5,632 lm
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	740 neutral white	4000 K	>70	5,460 lm

Light Technical (2/2)

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Order Code	Full Product Name	Optic type outdoor
71880700	BPP435 LED40-/830 II DM12 GR CLO SRT SRB	Distribution medium 12
71881400	BPP435 LED45-/740 II DM12 GR CLO SRT SRB	Distribution medium 12
71882100	BPP435 LED60-/830 II DM12 GR CLO SRT SRB	Distribution medium 12

Order Code	Full Product Name	Optic type outdoor
71883800	BPP435 LED65-/740 II DM12 GR CLO SRT SRB	Distribution medium 12
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	Distribution extra wide 70

Operating and Electrical

Order Code	Full Product Name	Power Consumption
71880700	BPP435 LED40-/830 II DM12 GR CLO SRT SRB	30 W
71881400	BPP435 LED45-/740 II DM12 GR CLO SRT SRB	27 W
71882100	BPP435 LED60-/830 II DM12 GR CLO SRT SRB	43.5 W

Order Code	Full Product Name	Power Consumption
71883800	BPP435 LED65-/740 II DM12 GR CLO SRT SRB	37 W
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	62 W

Mechanical and Housing

Order Code	Full Product Name	Housing Color
71880700	BPP435 LED40-/830 II DM12 GR CLO SRT SRB	Dark gray
71881400	BPP435 LED45-/740 II DM12 GR CLO SRT SRB	Dark gray
71882100	BPP435 LED60-/830 II DM12 GR CLO SRT SRB	Dark gray

Order Code	Full Product Name	Housing Color
71883800	BPP435 LED65-/740 II DM12 GR CLO SRT SRB	Dark gray
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	Silver

Over Time Performance (IEC Compliant)

Order Code	Full Product Name	Driver failure rate at 5000 h
71880700	BPP435 LED40-/830 II DM12 GR CLO SRT SRB	-
71881400	BPP435 LED45-/740 II DM12 GR CLO SRT SRB	-
71882100	BPP435 LED60-/830 II DM12 GR CLO SRT SRB	-

Order Code	Full Product Name	Driver failure rate at 5000 h
71883800	BPP435 LED65-/740 II DM12 GR CLO SRT SRB	-
58044500	BPP435 LED105-4S/740 I SI BL1 DX70 60S	0.05 %