MileWide LED gen2 small

BRP435 LED85-4S/740 II SI DM50 48S T25

MileWide 2 side entry, LED module 8500 lm, 740 neutral white, Safety class II, Distribution medium 50, Silver, Marine salt protected coating, Cable 0.5 m with cable connector 3-pole, Side-entry for diameter 48 mm

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.

Product data

General Information	
Lamp family code	LED85 [LED module 8500 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Product family code	BRP435 [MileWide 2 side entry]
Lighting Technology	LED
Value ladder	Performance

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CE mark	Yes
Warranty period	5 years
Flammability mark	–
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical

Upward light output ratio	0
Luminous Flux	7,396 lm
Standard tilt angle posttop	–
Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	>70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	–
Optic type outdoor	Distribution medium 50

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	47 A
Inrush time	0.25 ms
Power Consumption	50 W
Power Factor (Fraction)	0.98
Connection	Connection unit 3-pole
Cable	Cable 0.5 m with cable connector 3-pole
Number of products on MCB of 16 A type B	10

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Silver
Mounting device	Side-entry for diameter 48 mm

Optical cover shape	Flat
Optical cover finish	Clear
Overall length	610 mm
Overall width	276 mm
Overall height	108 mm
Effective projected area	0.049 m²
Dimensions (Height x Width x Depth)	108 x 276 x 610 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating	–
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.05 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L97

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Not applicable

Product Data

Order product name	BRP435 LED85-4S/740 II SI DM50 48S T25
Full product name	BRP435 LED85-4S/740 II SI DM50 48S T25
Full product code	871869958040700
Order code	58040700
Material Nr. (12NC)	919008633653
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699580407
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699580407

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Dimensional drawing

www.lighting.philips.com

2023, October 11 – data subject to change