



# MileWide LED gen2 small

## BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S

MileWide 2 side entry, LED module 3500 lm, 830 warm white, Safety class I, Distribution symmetrical 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 MileWide<sup>2</sup>, the successor to the highly popular MileWide family. Featuring a range of dedicated masts and brackets, the pure, clean design of MileWide<sup>2</sup> integrates perfectly with today's and tomorrow's cityscape. With its high-quality finish and high level of lighting performance, MileWide<sup>2</sup> 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		Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Lamp family code	LED35 [LED module 3500 lm]		
Light source replaceable	Yes		
Number of gear units	1 unit	Light source engine type	LED
Driver included	Yes	Service tag	Yes
		Product family code	BRP435 [MileWide 2 side entry]
		Lighting Technology	LED

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Value ladder	Performance
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	2,940 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	107 lm/W
Color rendering index (CRI)	>80
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Distribution symmetrical 50

### Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	300 ms
Power Consumption	27.5 W
Power Factor (Fraction)	0.95
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	20

### Temperature

Ambient temperature range	-40 to +50 °C
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### Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface
Control interface	GPRS network
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	135 mm
Effective projected area	0.049 m²
Dimensions (Height x Width x Depth)	135 x 276 x 610 mm

### Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
Protection class IEC	Safety class I

### Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.430, 0.400) 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 %
Lumen maintenance at median useful life*	L97 100000 h

### Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

### Product Data

Order product name	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S
Full product name	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S
Full product code	871869958039100
Order code	58039100
Material Nr. (12NC)	919008633652
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699580391
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699580391

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### Dimensional drawing

