



# MileWide<sup>2</sup>

## 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 - Cord 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	
Lamp family code	LED35 [ LED module 3500 lm]
Light source colour	830 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Optical cover/lens type	FG [ Flat glass]
Luminaire light beam spread	-
Control interface	GPRS network
Connection	Connection unit 3-pole

Cable	Cord 0.5 m with cable connector 3-pole
Protection class IEC	Safety class I
Coating	Marine salt protected coating
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Outdoor optic type	Distribution symmetrical 50
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components

Constant light output	No
Number of products on MCB	20
LED engine type	LED
Product Family Code	BRP435 [ MileWide 2 side entry]

## Light Technical

Upward light output ratio	0.03
Standard tilt angle post-top	-
Standard tilt angle side entry	-

## Operating and Electrical

Input voltage	220/240 V
Input frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	300 ms
Power factor (min.)	0.95

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Mounting device	48S [ Side-entry for diameter 48 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	610 mm
Overall width	276 mm
Overall height	135 mm
Effective projected area	0.049 m <sup>2</sup>
Colour	Silver
Dimensions (height x width x depth)	135 x 276 x 610 mm (5.3 x 10.9 x 24 in)

## 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 up to 6 kV differential mode and 6 kV common mode

## Initial Performance (IEC Compliant)

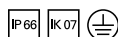
Initial luminous flux	2940 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	107 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.430, 0.400) SDCM <5
Initial input power	27.5 W
Power consumption tolerance	+/-11%

## Application Conditions

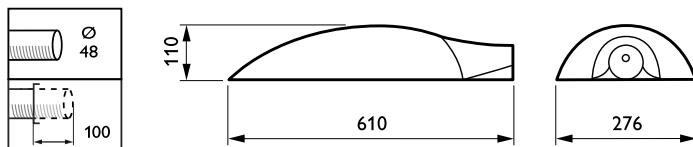
Ambient temperature range	-40 to +50 °C
Maximum dimming level	Programmable

## Product Data

Full product code	871869958039100
Order product name	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S
EAN/UPC – product	8718699580391
Order code	58039100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	919008633652
Net weight (piece)	5.740 kg



## Dimensional drawing



MileWide2 BPP/BRP435

