MileWide²

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 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	LED35 [LED module 3500 lm]	Lighting Technology	LED
Light source replaceable	Yes	Value ladder	Performance
Number of gear units	Unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Flammability mark	–
		ENEC mark	ENEC mark
		EU RoHS compliant	Yes
Light source engine type	LED		
Product family code	BRP435 [MileWide 2 side entry]	**Light Technical**	
		Upwards light output ratio	0

MileWide²

Luminous Flux	2,940 lm		Overall length	610 mm
Standard tilt angle post-top	–		Overall width	276 mm
Standard tilt angle side entry	–		Overall height	135 mm
Correlated Colour Temperature	3000 K		Effective projected area	0.049 m²
Luminous efficacy (rated) (nom.)	107 lm/W		Dimensions (height x width x depth)	135 x 276 x 610 mm
Colour rendering index (CRI)	>80			
Light source colour	830 warm white		**Approval and Application**	
Optical cover type	Flat glass		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminaire light beam spread	–		Mech. impact protection code	IK07 [2 J reinforced]
Optic type outdoor	Distribution symmetrical 50		Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Operating and Electrical			Protection class IEC	Safety class I
Input Voltage	220/240 V			
Line Frequency	50 to 60 Hz		**Initial Performance (IEC Compliant)**	
Inrush current	21 A		Luminous flux tolerance	+/-7%
Inrush time	300 ms		Initial chromaticity	(0.430, 0.400) SDCM <5
Power Consumption	27.5 W		Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.95		Init. Color Rendering Index Tolerance	+/-2
Connection	Connection unit 3-pole			
Cable	Cable 0.5 m with cable connector 3-pole		**Over Time Performance (IEC Compliant)**	
Number of products on MCB of 16 A type B	20		Driver failure rate at 5,000 hours	0.05 %
			Lumen maintenance at median useful life* 100,000 h	L97
Temperature				
Ambient temperature range	-40 to +50 °C		**Application Conditions**	
			Performance ambient temperature Tq	25 °C
Controls and Dimming			Maximum dim level	Programmable
Dimmable	Yes			
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface		**Product Data**	
Control interface	GPRS network		Order product name	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S
Constant light output	No		Full product name	BRP435LED35-4S/830I SI DS50 CTGCO-SRB48S
Mechanical and Housing			Full EOC	871869958039100
Housing material	Aluminium		Order code	58039100
Reflector material	–		Material no. (12 NC)	919008633652
Optic material	Polymethyl methacrylate		SAP numerator – quantity per pack	1
Optical cover/lens material	Glass		EAN/UPC — Product/Case	8718699580391
Fixation material	Aluminium		Numerator – packs per outer box	1
Housing Colour	Silver		EAN/UPC – Case	8718699580391
Mounting device	Side-entry for diameter 48 mm			
Optical cover/lens shape	Flat			
Optical cover/lens finish	Clear			

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Dimensional drawing

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2023, December 5 – data subject to change