



MileWide²

BRP435LED22-4S/830I SI DM50 CTGCO 48ST25

MileWide 2 side entry, LED module 2200 lm, 830 warm white, Safety class I, 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	LED22 [LED module 2200 lm]
Light source replaceable	Yes
Number of gear units	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
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Light Technical	
Upwards light output ratio	0

Luminous Flux	1,892 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	3000 K
Luminous efficacy (rated) (nom.)	102 lm/W
Colour rendering index (CRI)	>80
Light source colour	830 warm 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	18 A
Inrush time	320 ms
Power Consumption	18.6 W
Power Factor (Fraction)	0.99
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	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminium
Housing Colour	Silver
Mounting device	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 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	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level up to 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 5,000 hours	0.05 %
Lumen maintenance at median useful life*	L96
100,000 h	

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

Product Data

Order product name	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25
Full product name	BRP435LED22-4S/830I SI DM50 CTGCO 48ST25
Full EOC	871869958038400
Order code	58038400
Material no. (12 NC)	919008633651
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699580384
Numerator – packs per outer box	1
EAN/UPC – Case	8718699580384

Dimensional drawing

