



# MileWide<sup>2</sup>

## 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 - 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		Connection	
Lamp family code	LED85 [ LED module 8500 lm]	Connection	Connection unit 3-pole
Light source colour	740 neutral white	Cable	Cord 0.5 m with cable connector 3-pole
Light source replaceable	Yes	Protection class IEC	Safety class II
Number of gear units	1 unit	Coating	Marine salt protected coating
Driver/power unit/transformer	PSU [ Power supply unit]	Flammability mark	NO [ -]
Driver included	Yes	CE mark	CE mark
Optical cover/lens type	FG [ Flat glass]	ENEC mark	ENEC mark
Luminaire light beam spread	-	Outdoor optic type	Distribution medium 50
Control interface	-		

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB	10
RoHS mark	RoHS mark
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	45 A
Inrush time	285 ms
Power factor (min.)	0.96

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	485 [ 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	108 mm

Effective projected area	0.049 m <sup>2</sup>
Colour	Silver

## 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

## Initial Performance (IEC Compliant)

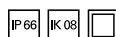
Initial luminous flux	7396 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	145 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	≥70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	51 W
Power consumption tolerance	+/-11%

## Application Conditions

Ambient temperature range	-40 to +50 °C
Maximum dimming level	Not applicable

## Product Data

Full product code	871869958040700
Order product name	BRP435 LED85-4S/740 II SI DM50 48S T25
EAN/UPC – product	8718699580407
Order code	58040700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	919008633653
Net weight (piece)	5.740 kg



## Dimensional drawing

