



# 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 (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	
Lamp family code	LED85 [ LED module 8500 lm]
Light source colour	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSU [ Power supply unit]
Driver included	Yes
Optical cover/lens type	FG [ Flat glass]
Luminaire light beam spread	-
Control interface	-

Connection	CU3 [ Connection unit 3-pole]
Cable	Cord 0.5 m with cable connector 3-pole
Protection class IEC	Safety class II (II)
Coating	Marine salt protected coating
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution medium 50

Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	10
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BRP435 [ MileWide 2 side entry]

### Light Technical

Upward light output ratio	0
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	Aluminum
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	108 mm

Effective projected area	0.049 m <sup>2</sup>
Colour	Silver
Dimensions (height x width x depth)	108 x 276 x 610 mm (4.3 x 10.9 x 24 in)

### 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 (system 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%
Init. colour rendering index tolerance	+/-2

### Over Time Performance (IEC Compliant)

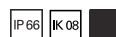
Lumen maintenance at median useful life* 100,000 h	L97
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### Application Conditions

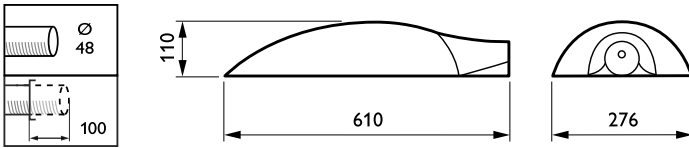
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

### 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
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	919008633653
SAP net weight (piece)	6.800 kg

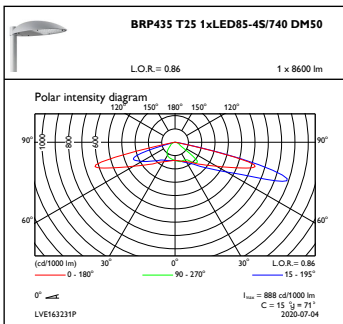


Dimensional drawing



MileWide2 BPP/BRP435

Photometric data



OFPC1\_BRP435T251xLED85-4S740DM50

