Micenas LED – contemporary interpretation of the historic street lantern

Micenas LED

Combining contemporary aesthetics and classical inspiration, Micenas LED is an elegant presence in both modern and traditional urban settings. It incorporates the energy-efficient LEDGINE - O engine, ensuring a higher light output over an extended service life and higher energy efficiency. The Eco-designed luminaire has retained its original avant-garde form and provides comfortable ambiance lighting. The housing has a textured black finish that underlines the luminaire's timeless shape, which blends in harmoniously with walls and facades. And a number of dedicated brackets are available, ensuring the decorative integration of luminaire and pole.

Benefits
- Contemporary aesthetics and classical inspiration
- High-performing LEDGINE - O engine
- Easy to maintain
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features
- LED luminaire offering a high level of energy efficiency and an extensive range of dimming options
- Wide range of high-performance optics
- Choice of brackets available (Faro, Solis, …)

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Application

· City centers and historical areas
· Side and residential streets
· Parking areas
· Squares, parks and playgrounds
· Cycle and foot paths

Specifications

Type	BDP791 (post-top version)
	BSP791 (suspended version)
Light source	Integral LED-module
Power	Up to 79 W, depending on configuration
Luminous flux	500 - 6800 (warm white), 500 - 7700 (neutral white), depending on configuration
Luminaire efficacy	Up to 122 lm/W
Correlated Color Temperature	3000 - 4000K
Color Rendering Index	80 - 70
Lumen maintenance at median useful life* 100000 h	up to L95
Control gear failure rate at median useful life 100000 h	10%
Performance Ambient Temperature Tq	+25 ºC
Operating temperature range	–20 to +35 ºC

Driver	Built-in (self ballasted LED-module)
	Philips Xitanium Driver
Mains voltage	220-240 V / 50-60 Hz
Dimming	LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), Starsense RF Wireless and CityTouch Ready, Photocell, MiniCell 35, 55, 75 lux
Optic	Distribution Medium (DM,DN), Pedestrian Crossing, Symmetrical, Wide and extra Wide, Louver
Optical cover	Tempered flat glass, clear or frosted
Material	Housing: high-pressure aluminum
	Glass: thermally hardened, 5 mm thick
Color	Black N9 (MN332L)
	Other RAL or AKZO Futura colors available on request
Maintenance	Light module exchangeable by opening screw at the top of the canopy
Installation	Post top: 60 and 76 mm spigot, solid and open frog Suspended 3/4 or 1'G
	Recommended mounting height: 4 - 6 m
	Weight: 9 kg max
	Max SCx: 0.102 m²

Versions

IJM-1 – LED GreenLine 5200 lm

IJM-1 – LED EconomyLine 8000 lm

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Product details

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Approval and application

Mech. impact protection code	IK09
Surge Protection (Common/ Differential)	Luminaire surge protection level until 4 kV differential mode and 4 kV common mode

Controls and dimming

Dimmable	No

General information

CE mark	CE mark
Driver included	Yes
Flammability mark	–
Light source replaceable	Yes
Number of gear units	1 unit

Light technical

Standard tilt angle side entry	–
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and housing

Color	black

General information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Optical cover/ lens type	Lamp family code
912300023782	BSP791 LED92-4S/740 DM50 FG BK ORN1	30° – 5° x 153°	740 neutral white	Flat glass	LED92
912300023784	BSP791 LED61-4S/830 DN10 FG BK	26° – 7° x 157°	830 warm white	Flat glass	LED61
912300023786	BDP791 LED25-4S/830 II DW50 GF BK 60	23° – 8° x 152°	830 warm white	Glass frosted flat	LED25

General information (2/2)

Order Code	Full Product Name	Optic type	Product Family Code	Service tag
912300023782	BSP791 LED92-4S/740 DM50 FG BK ORN1	Distribution medium 50	BSP791	–
912300023784	BSP791 LED61-4S/830 DN10 FG BK	Distribution narrow 10	BSP791	Yes

Order Code	Full Product Name	Optic type	Product Family Code	Service tag
912300023786	BDP791 LED25-4S/830 II DW50 GF BK 60	Distribution wide 50	BDP791	–

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023782	BSP791 LED92-4S/740 DM50 FG BK ORN1	4000 K	≥70	7912 lm
912300023784	BSP791 LED61-4S/830 DN10 FG BK	3000 K	≥80	5270 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023786	BDP791 LED25-4S/830 II DW50 GF BK 60	3000 K	≥80	1450 lm

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