



# 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 ambient 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, ...)

# Micenas LED

## Application

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

## Specifications

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

<b>Driver</b>	Built-in (self ballasted LED-module) Philips Xitanium Driver
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	LumiStep (LS), DynaDimmer (DDF), LineSwitch (D11), Starsense RF Wireless and CityTouch Ready, Photocell, MiniCell 35, 55, 75 lux
<b>Optic</b>	Distribution Medium (DM, DN), Pedestrian Crossing, Symmetrical, Wide and extra Wide, Louver
<b>Optical cover</b>	Tempered flat glass, clear or frosted
<b>Material</b>	Housing: high-pressure aluminum Glass: thermally hardened, 5 mm thick
<b>Color</b>	Black N9 (MN332L) Other RAL or AKZO Futura colors available on request
<b>Maintenance</b>	Light module exchangeable by opening screw at the top of the canopy
<b>Installation</b>	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 m <sup>2</sup>

## Versions



IJM-1 - LED GreenLine 5200 lm



IJM-1 - LED EconomyLine 8000 lm

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## Product details



Micenas\_LED-BDP791-DP01.tif



Micenas\_LED-BDP791-DP02.tif



Micenas\_LED-BDP791-DP03.tif



Micenas\_LED-BDP791-DP04.tif



Micenas\_LED-BDP791-DP05.tif



Micenas\_LED-BDP791-DP06.tif



Micenas\_LED-BDP791-DP07.tif



Micenas\_LED-BDP791-DP08.tif

## 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
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## General Information

CE mark	CE mark
Driver included	Yes
ENEC mark	ENEC mark
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Product Family Code	BDP791

## Light Technical

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

## Mechanical and Housing

Color	black
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## 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
912300023783	BDP791 LED80-4S/830 DM70 GF BK 60	120° x 120°	830 warm white	Glass frosted flat	LED80
912300023786	BDP791 LED25-4S/830 II DW50 GF BK 60	23° - 8° x 152°	830 warm white	Glass frosted flat	LED25
912300023787	BDP791 LED43-4S/740 II DS50 GF BK 76	152° x 155°	740 neutral white	Glass frosted flat	LED43

## General Information (2/2)

Order Code	Full Product Name	Optic type	Service tag
912300023782	BSP791 LED92-4S/740 DM50 FG BK ORN1	Distribution medium 50	-
912300023784	BSP791 LED61-4S/830 DN10 FG BK	Distribution narrow 10	Yes
912300023783	BDP791 LED80-4S/830 DM70 GF BK 60	Distribution medium 70	-

Order Code	Full Product Name	Optic type	Service tag
912300023786	BDP791 LED25-4S/830 II DW50 GF BK 60	Distribution wide 50	-
912300023787	BDP791 LED43-4S/740 II DS50 GF BK 76	Distribution symmetrical 50	-

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. 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
912300023783	BDP791 LED80-4S/830 DM70 GF BK 60	3000 K	≥80	5967 lm

Order Code	Full Product Name	Init. Color Temperature	Init. Color Rendering Index	Initial luminous flux
912300023786	BDP791 LED25-4S/830 II DW50 GF BK 60	3000 K	≥80	1450 lm
912300023787	BDP791 LED43-4S/740 II DS50 GF BK 76	4000 K	≥70	2537 lm

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