



# Micenas gen2 LED – contemporary interpretation of the historic street lantern

## Micenas LED

Combining contemporary aesthetics and classical inspiration, Micenas gen2 LED is an elegant presence in both modern and traditional urban settings. With its 2nd-generation LED module, Micenas gen2 LED ensures 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

- Excellent light output and energy efficiency
- Comfortable ambient lighting
- Meets photometric requirements for road and area lighting

### Features

- Eco-designed luminaire combining classical and contemporary aesthetics
- Different optics available for road or area light distribution
- Housing with textured black finish
- Choice of brackets available (Faro, Solis, ...)

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## Application

- Cycle and foot paths
- Parking areas
- Residential streets
- Squares, parks and playgrounds

## Specifications

<b>Type</b>	BDP791 (post-top version) BSP791 (suspended version)
<b>Light source</b>	Integral LED-module
<b>Power</b>	13.1 to 87 W depending on configuration
<b>Luminous flux</b>	1106 to 7268 lm depending on configuration
<b>Luminaire efficacy</b>	72 to 100 lm/W depending on configuration
<b>Correlated Color Temperature</b>	3000 or 4000 K
<b>Color Rendering Index</b>	70 (for 4000 K) 80 (for 3000 K)
<b>Maintenance of lumen output L80F10:</b>	80,100 hours at T 59,300 hours at T

<b>Operating temperature range</b>	-20 to +35 °C
<b>Driver</b>	Built-in (self ballasted LED-module)
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Dimming</b>	CLO DynaDimmer SDU dimming Mains dimming (AmpDim) RF (radio frequency regulation) DALI dimming Photocell: minicell and Starsense Wireless
<b>Controls system input</b>	1-10 V

## Specifications

<b>Optic</b>	Optiflux narrow for ME-class road (OFR2) Optiflux medium for S-class road (OFR4) Optiflux very wide for S-class road (OFR6) Optiflux narrow for S-class road (OFR7) Distribution road symmetrical (DS)
<b>Optical cover</b>	Flat glass, clear (FG) Glass, frosted (GF)
<b>Material</b>	Housing: moulded aluminum, non corrosive LED module: extruded and gravity die-cast aluminum Adapting piece: die-cast aluminum Lenses: PMMA Gasket: silicon rubber
<b>Color</b>	Black: textured or matt Other RAL or AKZO Futura colors available on request
<b>Connection</b>	Wieland connector 3 pole mains
<b>Maintenance</b>	Luminaire opening using 2 screws (M5) Luminaire maintenance in opening position by means of a slender Control gear access with tools. After opening the gear mounting plate (6 screws M5), the driver can be removed using three M4 screws. LED module replacement directly after opening the luminaire and remove the gear mounting plate Complete LED module replaceable on site

<b>Installation</b>	Top mounting: for brass threaded part 1" G Post-top mounting: axial entry Ø 60 - 76 mm using adapting piece (spigot) Suspended mounting using brass threaded part 1" G Recommended mounting height: 4-7 m Max SCx: 0.109 m <sup>2</sup>
<b>Accessories</b>	Wall-mounting bracket Dedicated poles and brackets available for different mounting possibilities

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## Versions



IJM-1 - LED GreenLine 5200 lm



IJM-1 - LED EconomyLine 8000 lm

## Product details



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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

## Product details

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Micenas\_LED-BDP791-DP08.tif



### Approval and Application

Mech. impact protection code	IK09
Surge Protection (Common/Differential)	Luminaire surge protection level up to 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
Flammability mark	NO
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

Colour	black
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### General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Optical cover/lens type	Lamp family code
10896000	BSP791 LED92-4S/740 DM50 FG BK ORN1	30° - 5° x 153°	740 neutral white	FG	LED92
10898400	BSP791 LED61-4S/830 DN10 FG BK	26° - 7° x 157°	830 warm white	FG	LED61
10897700	BDP791 LED80-4S/830 DM70 GF BK 60	120° x 120°	830 warm white	Glass frosted flat	LED80
10900400	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
10896000	BSP791 LED92-4S/740 DM50 FG BK ORN1	Distribution medium 50	BSP791
10898400	BSP791 LED61-4S/830 DN10 FG BK	Distribution narrow 10	BSP791
10897700	BDP791 LED80-4S/830 DM70 GF BK 60	Distribution medium 70	BDP791

Order Code	Full Product Name	Optic type	Product Family Code
10900400	BDP791 LED25-4S/830 II DW50 GF BK 60	Distribution wide 50	BDP791

### Initial Performance (IEC Compliant)

## Micenas LED

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
10896000	BSP791 LED92-4S/740 DM50 FG BK ORN1	4000 K	≥70	7912 lm
10898400	BSP791 LED61-4S/830 DN10 FG BK	3000 K	≥80	5270 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour	
			Rendering Index	Initial luminous flux
10897700	BDP791 LED80-4S/830 DM70 GF BK 60	3000 K	≥80	5967 lm
10900400	BDP791 LED25-4S/830 II DW50 GF BK 60	3000 K	≥80	1450 lm

