



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, ...)

Micenas LED

Application

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

Specifications

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

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

Specifications

Optic	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)
Optical cover	Flat glass, clear (FG) Glass, frosted (GF)
Material	Housing: moulded aluminum, non corrosive LED module: extruded and gravity die-cast aluminum Adapting piece: die-cast aluminum Lenses: PMMA Gasket: silicon rubber
Color	Black: textured or matt Other RAL or AKZO Futura colors available on request
Connection	Wieland connector 3 pole mains
Maintenance	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

Installation	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 ²
Accessories	Wall-mounting bracket Dedicated poles and brackets available for different mounting possibilities

Micenas LED

Versions



IJM-1 - LED GreenLine 5200 lm



IJM-1 - LED EconomyLine 8000 lm

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

Product details

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 up to 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	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
--------	-------

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
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

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. Colour		
		Init. Corr. Colour Temperature	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. Colour		
		Init. Corr. Colour Temperature	Rendering Index	Initial luminous flux
10900400	BDP791 LED25-4S/830 II DW50 GF BK 60	3000 K	≥80	1450 lm

