



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

| | |
|--|--|
| 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 | 3000 - 4000K |
| Temperature | |
| Color Rendering Index | 80 - 70 |
| Lumen maintenance at median useful life* | up to L95 |
| 100000 h | |
| Control gear failure rate at median useful life | 10% |
| 100000 h | |
| Performance Ambient Temperature Tq | +25 °C |
| Operating temperature range | -20 to +35 °C |

| | |
|----------------------|---|
| 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 m ² |

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



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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 | 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

| | |
|-------|-------|
| 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 |
|------------|---|-----------------------------|----------------------|-------------------------|------------------|
| 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 | Service tag |
|------------|--|---------------------------|---------------------|-------------|
| 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 | Yes |

| Order Code | Full Product Name | Optic type | Product Family Code | Service tag |
|------------|---|-------------------------|---------------------|-------------|
| 10900400 | 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 |
|------------|--|-------------------------------|-----------------------------|-----------------------|
| 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. Color Temperature | Init. Color Rendering Index | Initial luminous flux |
|------------|---|-------------------------------|-----------------------------|-----------------------|
| 10900400 | BDP791 LED25-4S/830 II DW50 GF BK 60 | 3000 K | ≥80 | 1450 lm |

