



Micenas LED

BSP791 LED61-4S/830 DN10 FG BK

IJM-1 - LED module 6100 lm - 830 warm white - Power supply unit - Safety class I (I) - Distribution narrow 10 - Flat glass - black

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.

Product data

| General Information | | Flammability mark | NO [-] |
|-------------------------------|--|--------------------|---|
| Lamp family code | LED61 [LED module 6100 lm] | CE mark | CE mark |
| Light source colour | 830 warm white | ENEC mark | ENEC mark |
| Light source replaceable | Yes | Warranty period | 5 years |
| Number of gear units | 1 unit | Outdoor optic type | Distribution narrow 10 |
| Driver/power unit/transformer | PSU [Power supply unit] | Remarks | *-Per Lighting Europe guidance paper "Evaluating performance of LED based luminaires - January 2018": statistically there is no relevant difference in lumen maintenance between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value. * At extreme ambient temperatures the luminaire might |
| Driver included | Yes | | |
| Optical cover/lens type | FG [Flat glass] | | |
| Luminaire light beam spread | 26° - 7° x 157° | | |
| Connection | W [Plug-in connector 3-pole Wieland/Adels compatible] | | |
| Cable | - | | |
| Protection class IEC | Safety class I (I) | | |

Micenas LED

| | |
|---------------------------|--|
| | automatically dim down to protect components |
| Constant light output | No |
| Number of products on MCB | 9 |
| RoHS mark | RoHS mark |
| LED engine type | LED |
| Product Family Code | BDP791 [IJM-1] |

Light Technical

| | |
|--------------------------------|------|
| Upward light output ratio | 0.03 |
| Standard tilt angle post-top | 0° |
| Standard tilt angle side entry | - |

Operating and Electrical

| | |
|---------------------|-------------|
| Input voltage | 220-240 V |
| Input frequency | 50 or 60 Hz |
| Inrush current | 80 A |
| Inrush time | 150 ms |
| Power factor (min.) | 0.81 |

Controls and Dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and Housing

| | |
|-----------------------------|--|
| Housing material | Aluminum |
| Reflector material | - |
| Optic material | Polymethyl methacrylate |
| Optical cover/lens material | Glass |
| Fixation material | Aluminum |
| Mounting device | SMS [Suspension set simple, standard] |
| Optical cover/lens shape | Flat |
| Optical cover/lens finish | Clear |
| Overall length | 385 mm |
| Overall width | 385 mm |
| Overall height | 561 mm |
| Effective projected area | 0.102 m ² |
| Colour | black |

Approval and Application

| | |
|--|--|
| Ingress protection code | IP44 [Wire-protected, splash-proof] |
| Mech. impact protection code | IK09 [10 J] |
| Surge protection (common/differential) | Luminaire surge protection level up to 4 kV differential mode and 4 kV common mode |

Initial Performance (IEC Compliant)

| | |
|--------------------------------|------------------------|
| Initial luminous flux | 5270 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 112 lm/W |
| Init. Corr. colour temperature | 3000 K |
| Init. colour rendering index | ≥80 |
| Initial chromaticity | (0.433, 0.403) SDCM <3 |
| Initial input power | 47 W |
| Power consumption tolerance | +/-11% |

Over Time Performance (IEC Compliant)

| | |
|--|------|
| Control gear failure rate at median useful life 100000 h | 10 % |
| Lumen maintenance at median useful life* 100000 h | L95 |

Application Conditions

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|------------------------------------|---------------|
| Ambient temperature range | -40 to +50 °C |
| Performance ambient temperature Tq | 25 °C |

Product Data

| | |
|---------------------------------|--------------------------------|
| Full product code | 871869910898400 |
| Order product name | BSP791 LED61-4S/830 DN10 FG BK |
| EAN/UPC – product | 8718699108984 |
| Order code | 10898400 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 1 |
| Material no. (12NC) | 912300023784 |
| Net weight (piece) | 10.930 kg |

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Dimensional drawing

Micenas LED BDP791/BSP791

