



Micenas LED

BSP791 LED14-4S/830 II DS50 FG BK

IJM-1, LED module 1400 lm, 830 warm white, Power supply unit (On/Off), Safety class II, Distribution symmetrical 50, 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 ambiance 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 | | |
|--------------------------|---|--|
| Lamp family code | LED14 [LED module 1400 lm] | |
| Light source replaceable | Yes | |
| Number of gear units | 1 unit | |
| Driver included | Yes | |
| 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 automatically dim down to protect |
|--------------------------|---|
| | components |
| Light source engine type | LED |
| Product family code | BDP791 [IJM-1] |
| Lighting Technology | LED |
| Value ladder | Performance |
| CE mark | Yes |
| Warranty period | 5 years |
| Flammability mark | - |
| ENEC mark | ENEC mark |
| EU RoHS compliant | Yes |
| | |

Datasheet, 2023, April 30 data subject to change

Micenas LED

| 12 10 ± 1 2 1 | | | |
|--|--|--|---|
| Light Technical | | Optical cover shape | Flat |
| Upward light output ratio | 0.03 | Optical cover finish | Clear |
| Luminous Flux | 1,126 lm | Overall length | 385 mm |
| Standard tilt angle posttop | 0° | Overall width | 385 mm |
| Standard tilt angle side entry | - | Overall height | 561 mm |
| Correlated Color Temperature (Nom) | 3000 K | Effective projected area | 0.102 m ² |
| Luminous Efficacy (rated) (Nom) | 75 lm/W | Dimensions (Height x Width x Depth) | 561 x 385 x 385 mm |
| Color rendering index (CRI) | ≥80 | | |
| Light source color | 830 warm white | Approval and Application | |
| Optical cover type | Flat glass | Ingress protection code | IP44 [Wire-protected, splash-proof] |
| Luminaire light beam spread | 152° x 155° | Mech. impact protection code | IK09 [10 J] |
| Optic type outdoor | Distribution symmetrical 50 | Surge Protection (Common/Differential) | Luminaire surge protection level until 4 kV |
| | | | differential mode and 4 kV common mode |
| Operating and Electrical | | Protection class IEC | Safety class II |
| Input Voltage | 220-240 V | | |
| Line Frequency | 50 or 60 Hz | Initial Performance (IEC Compliant) |) |
| Inrush current | 65 A | Luminous flux tolerance | +/-7% |
| Inrush time | 100 ms | Initial chromaticity | (0.433, 0.403) SDCM <3 |
| Power Consumption | 15 W | Power consumption tolerance | +/-10% |
| Power Factor (Fraction) | 0.9 | Init. Color Rendering Index Tolerance | +/-2 |
| Connection | Plug-in connector 2-pole Wieland/Adels | | |
| | compatible | Over Time Performance (IEC Comp | liant) |
| able - | | Control gear failure rate at median useful 10 % | |
| Capie | | | |
| Number of products on MCB of 16 A type | 2 0 | life 100000 h | |
| - | 20 | life 100000 h Lumen maintenance at median useful | L96 |
| Number of products on MCB of 16 A type | æ 20 | | L96 |
| Number of products on MCB of 16 A type | e 20 | Lumen maintenance at median useful | L96 |
| Number of products on MCB of 16 A type | -40 to +50 °C | Lumen maintenance at median useful | L96 |
| Number of products on MCB of 16 A type B Temperature | | Lumen maintenance at median useful life* 100000 h | L96 25 ℃ |
| Number of products on MCB of 16 A type B Temperature | | Lumen maintenance at median useful life* 100000 h Application Conditions | |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range | | Lumen maintenance at median useful life* 100000 h Application Conditions | |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming | -40 to +50 °C | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq | |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable | -40 to +50 °C No | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data | 25℃ |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer | -40 to +50 °C No Power supply unit (On/Off) | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name | 25 ℃ BSP791 LED14-4S/830 II DS50 FG BK |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer | -40 to +50 °C No Power supply unit (On/Off) | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output | -40 to +50 °C No Power supply unit (On/Off) | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing | -40 to +50 °C No Power supply unit (On/Off) No | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 10899100 |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material | -40 to +50 °C No Power supply unit (On/Off) No Aluminum | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 10899100 912300023785 |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material | -40 to +50 °C No Power supply unit (On/Off) No Aluminum - | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 10899100 912300023785 1 |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material | -40 to +50 °C No Power supply unit (On/Off) No Aluminum - Polymethyl methacrylate | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 10899100 912300023785 1 8718699108991 |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material | -40 to +50 °C No Power supply unit (On/Off) No Aluminum - Polymethyl methacrylate Glass | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 10899100 912300023785 1 8718699108991 1 |
| Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable Driver/power unit/transformer Constant light output Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Fixation material | -40 to +50 °C No Power supply unit (On/Off) No Aluminum - Polymethyl methacrylate Glass Aluminum | Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box | 25 °C BSP791 LED14-4S/830 II DS50 FG BK BSP791 LED14-4S/830 II DS50 FG BK 871869910899100 10899100 912300023785 1 8718699108991 1 |

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Dimensional drawing



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