



# Micenas LED

## BSP791 LED61-4S/830 DN10 FG BK

MICENAS - 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 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.

### Product data

General Information		Flammability mark	NO [-]
Lamp family code	LED61 [ LED module 6100 lm]	CE mark	CE mark
Light source color	830 warm white	ENEC mark	ENEC mark
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Optic type outdoor	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
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

	temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type B	9
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Serviceability class	Class B, luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge protection device, front cover and mechanical parts
Product family code	BSP791 [ MICENAS]

### Light Technical

Upward light output ratio	0.03
Standard tilt angle posttop	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	0.15 ms
Power Factor (Min)	0.91

### Controls and Dimming

Dimmable	No
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### 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 <sup>2</sup>

Color	black
Dimensions (Height x Width x Depth)	561 x 385 x 385 mm (22.1 x 15.2 x 15.2 in)

### 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 until 4 kV differential mode and 4 kV common mode

### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	5270 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	112 lm/W
Init. Corr. Color Temperature	3000 K
Init. Color 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)

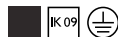
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L96

### Application Conditions

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

### Product Data

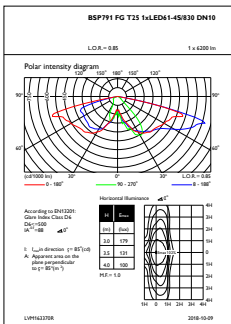
Full product code	871869910898400
Order product name	BSP791 LED61-4S/830 DN10 FG BK
EAN/UPC - Product	8718699108984
Order code	10898400
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	912300023784
Net Weight (Piece)	10.925 kg



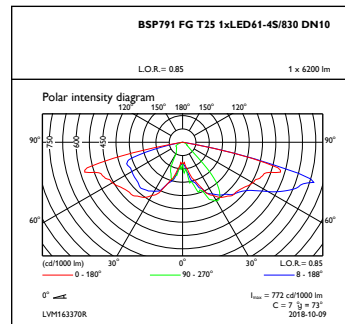
Dimensional drawing

Micenas LED BDP791/BSP791

Photometric data



OFPL1\_BSP791FGT251xLED61-4S830DN10



OFPC1\_BSP791FGT251xLED61-4S830DN10

