Micenas LED

BSP791 LED52-4S/740 II DS50 FG BK

IJM-1, LED module 5200 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, Distribution symmetrical 50, 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 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	LED52 [LED module 5200 lm]	Product family code	BDP791 [IJM-1]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	Value ladder	Performance
Driver included	Yes	CE mark	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.	Warranty period	5 years
		Flammability mark	-
		ENEC mark	ENEC mark
		EU RoHS compliant	Yes
		Light Technical	
		Upward light output ratio	0.03
		Luminous Flux	4,119 lm
Light source engine type	LED	Standard tilt angle posttop	0°

Micenas LED

Standard tilt angle side entry	–
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	106 lm/W
Color rendering index (CRI)	≥70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	152° x 155°
Optic type outdoor	Distribution symmetrical 50

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	80 A
Inrush time	150 ms
Power Consumption	39 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 2-pole Wieland/Adels compatible
Cable	–
Number of products on MCB of 16 A type B	9

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Black
Mounting device	Suspension set simple, standard
Optical cover shape	Flat
Optical cover finish	Clear

Overall length	385 mm
Overall width	385 mm
Overall height	561 mm
Effective projected area	0.102 m²
Dimensions (Height x Width x Depth)	561 x 385 x 385 mm

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
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L94

Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BSP791 LED52-4S/740 II DS50 FG BK
Full product name	BSP791 LED52-4S/740 II DS50 FG BK
Full product code	871869910895300
Order code	912300023781
Material Nr. (12NC)	912300023781
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718699108953
Numerator – Packs per outer box	1
EAN/UPC – Case	8718699108953

Micenas LED

Dimensional drawing