



# **Micenas LED**

## BDP791 LED43-4S/740 II DS50 GF BK 76

IJM-1, LED module 4300 lm, 740 neutral white, Power supply unit (On/Off), Safety class II, Distribution symmetrical 50, Glass frosted flat, 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	ode LED43 [LED module 4300 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. $^{\ast}$ 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

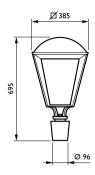
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Light Technical		Optical cover shape	Flat
Upward light output ratio	0.03	Optical cover finish	Frosted
Luminous Flux	2,537 lm	Overall length	385 mm
Standard tilt angle posttop	0°	Overall width	385 mm
Standard tilt angle side entry	-	Overall height	561 mm
Correlated Color Temperature (Nom)	4000 K	Effective projected area	0.102 m²
Luminous Efficacy (rated) (Nom)	89 lm/W	Dimensions (Height x Width x Depth)	561 x 385 x 385 mm
Color rendering index (CRI)	≥70		
Light source color	740 neutral white	Approval and Application	
Optical cover type	Glass frosted flat	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	0.1 ms	Initial chromaticity	(0.381, 0.379) SDCM <3
Power Consumption	28.5 W	Power consumption tolerance	+/-10%
Power Factor (Fraction)	0.95	Init. Color Rendering Index Tolerance	+/-2
Connection	Plug-in connector 2-pole Wieland/Adels		
	compatible	Over Time Performance (IEC Comp	liant)
Cable	-	Control gear failure rate at median useful 10 %	
Number of products on MCB of 16 A type 21		life 100000 h	
В		Lumen maintenance at median useful	L97
		life* 100000 h	
Temperature			
Ambient temperature range	-40 to +50 °C	Application Conditions	
		Performance ambient temperature Tq	25 ℃
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit (On/Off)	Order product name	BDP791 LED43-4S/740 II DS50 GF BK 76
Constant light output	No	Full product name	BDP791 LED43-4S/740 II DS50 GF BK 76
		Full product code	871869910901100
Mechanical and Housing		Order code	10901100
Mechanical and Housing Housing Material	Aluminum	Order code  Material Nr. (12NC)	10901100 912300023787
	Aluminum -		
Housing Material	<del></del>	Material Nr. (12NC)	912300023787
Housing Material Reflector material	-	Material Nr. (12NC) Numerator - Quantity Per Pack	912300023787
Housing Material Reflector material Optic material	- Polymethyl methacrylate	Material Nr. (12NC)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case	912300023787 1 8718699109011
Housing Material Reflector material Optic material Optical cover material	- Polymethyl methacrylate Glass	Material Nr. (12NC)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case  Numerator - Packs per outer box	912300023787 1 8718699109011 1
Housing Material Reflector material Optic material Optical cover material Fixation material	Polymethyl methacrylate Glass Aluminum	Material Nr. (12NC)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case  Numerator - Packs per outer box	912300023787 1 8718699109011 1

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#### Dimensional drawing







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