



Micenas LED

BDP791 LED25-4S/830 II DW50 GF BK 60

IJM-1 - LED Module 2500 lm - 830 warm white - Power supply unit - Safety class II (II) - Distribution wide 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 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	LED25 [LED Module 2500 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 wide 50
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	Glass frosted flat		
Luminaire light beam spread	23° - 8° x 152°		
Connection	Plug-in connector 2-pole Wieland/Adels compatible		
Cable	-		
Protection class IEC	Safety class II (II)		

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	temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB	20
EU RoHS compliant	Yes
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	65 A
Inrush time	100 ms
Power factor (min.)	0.81

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	Aluminium
Mounting device	60P [Post-top for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Frosted
Overall length	385 mm
Overall width	385 mm
Overall height	561 mm
Effective projected area	0.102 m ²
Colour	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 up to 4 kV differential mode and 4 kV common mode

Initial Performance (IEC Compliant)

Initial luminous flux	1450 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	71 lm/W
Init. Corr. Colour Temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.433, 0.403) SDCM <3
Initial input power	20.5 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

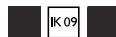
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L96

Application Conditions

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

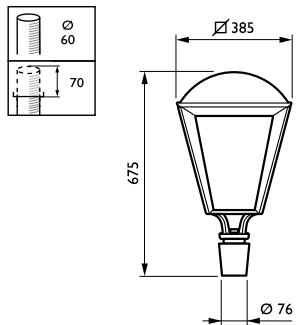
Product Data

Full product code	871869910900400
Order product name	BDP791 LED25-4S/830 II DW50 GF BK 60
EAN/UPC – product	8718699109004
Order code	10900400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023786
Net weight (piece)	10.925 kg



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Dimensional drawing



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