



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	Optic type outdoor	Distribution wide 50
Driver/power unit/transformer	PSU [Power supply unit]	Remarks	*- According to the Lighting Europe guidance paper 'Evaluating performance of LED based luminaires – January 2018': statistically there is no relevant difference in lumen maintenance between the B50 and, for example, the B10. Therefore, the median useful life (B50) value also represents the B10 value. * At extreme
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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	ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	21
EU RoHS compliant	Yes
Light source engine type	LED
Serviceability class	Class B, the luminaire is equipped with some serviceable parts (when applicable): driver, control units, surge-protection device, front cover and mechanical parts
Product family code	BDP791 [J.M-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	0.1 ms
Power factor (min.)	0.92

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)
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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 (system 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%
Init. colour rendering index tolerance	+/-2

Over Time Performance (IEC Compliant)

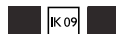
Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L97

Application Conditions

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

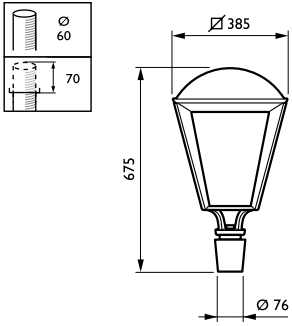
Product Data

Full product code	871869910900400
Order product name	BDP791 LED25-4S/830 II DW50 GF BK 60
EAN/UPC – product	8718699109004
Order code	10900400
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	912300023786
SAP net weight (piece)	10.925 kg



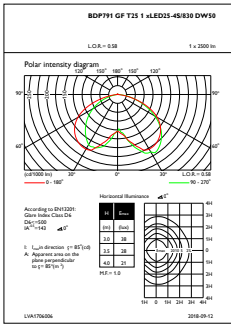
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Dimensional drawing

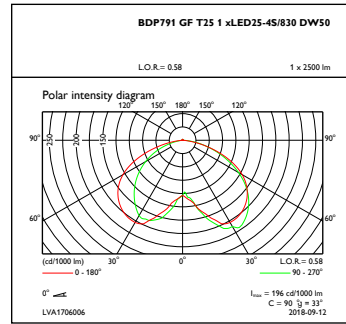


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Photometric data



OFPL1_BDP791GFT251xLED25-4S830DW50



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