



Micenas LED

BDP791 LED80-4S/830 DM70 GF BK 60

IJM-1 - LED module 8000 lm - 830 warm white - Power supply unit - Safety class I (I) - Distribution medium 70 - 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	LED80 [LED module 8000 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 medium 70
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 temperatures the luminaire might
Driver included	Yes		
Optical cover/lens type	Glass frosted flat		
Luminaire light beam spread	120° x 120°		
Connection	W [Plug-in connector 3-pole Wieland/Adels compatible]		
Cable	-		
Protection class IEC	Safety class I (I)		

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	automatically dim down to protect components
Constant light output	No
Number of products on MCB	11
RoHS mark	RoHS mark
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	80 A
Inrush time	150 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	Aluminum
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

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	5967 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	79 lm/W
Init. Corr. colour temperature	3000 K
Init. colour rendering index	≥80
Initial chromaticity	(0.433, 0.403) SDCM <3
Initial input power	76 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	L95

Application Conditions

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

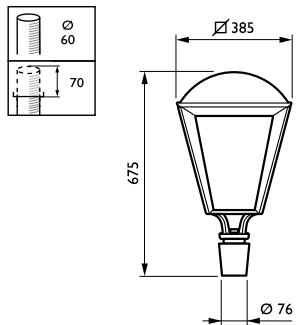
Product Data

Full product code	871869910897700
Order product name	BDP791 LED80-4S/830 DM70 GF BK 60
EAN/UPC – product	8718699108977
Order code	10897700
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	912300023783
Net weight (piece)	10.930 kg



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Dimensional drawing



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