PHILIPS Lighting



Micenas LED

BDP791 LED80-4S/830 DM70 GF BK 60

IJM-1, LED module 8000 lm, 830 warm white, Power supply unit (On/Off), Safety class 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 2ndgeneration 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	LED80 [LED module 8000 lm]	
Light source replaceable	Yes	Light source engin
Number of gear units	1 unit	Product family co
Driver included	Yes	Lighting Technolo
Remarks	*-Per Lighting Europe guidance paper	Value ladder
	"Evaluating performance of LED based	CE mark
	luminaires - January 2018": statistically there	Warranty period
	is no relevant difference in lumen	Flammability mai
	maintenance between B50 and for example	ENEC mark
	B10. Therefore, the median useful life (B50)	EU RoHS complia
	value also represents the B10 value. * 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

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Light Technical	
Upward light output ratio	0.03
Luminous Flux	5,967 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Color rendering index (CRI)	≥80
Light source color	830 warm white
Optical cover type	Glass frosted flat
Luminaire light beam spread	120° x 120°
Optic type outdoor	Distribution medium 70
Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 or 60 Hz
Inrush current	80 A
Inrush time	150 ms
Power Consumption	76 W
Power Factor (Fraction)	0.81
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A type	11
В	
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

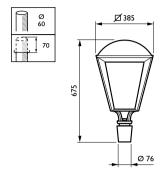
Post-top for diameter 60 mm

Optical cover shape	Flat
Optical cover finish	Frosted
Overall length	385 mm
Overall width	385 mm
Overall height	561 mm
Effective projected area	0.102 m ²
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 I
Initial Performance (IEC Compliant	.)
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.433, 0.403) SDCM <3
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	
life 100000 h	
Lumen maintenance at median useful	L95
1/6-8 100000 h	
ute: 100000 h	
life* 100000 h Application Conditions	
Application Conditions	25 °C
Application Conditions Performance ambient temperature Tq	
Application Conditions Performance ambient temperature Tq Product Data	
Application Conditions Performance ambient temperature Tq Product Data Order product name	25 °C
Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name	25 ℃ BDP791 LED80-4S/830 DM70 GF BK 60
Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code	25 °C BDP791 LED80-4S/830 DM70 GF BK 60 BDP791 LED80-4S/830 DM70 GF BK 60
Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code	25 °C 25 °C BDP791 LED80-45/830 DM70 GF BK 60 BDP791 LED80-45/830 DM70 GF BK 60 871869910897700
Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	25 °C BDP791 LED80-4S/830 DM70 GF BK 60 BDP791 LED80-4S/830 DM70 GF BK 60 871869910897700 10897700
Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	25 °C BDP791 LED80-4S/830 DM70 GF BK 60 BDP791 LED80-4S/830 DM70 GF BK 60 871869910897700 10897700 912300023783
	25 ℃ BDP791 LED80-4S/830 DM70 GF BK 60 BDP791 LED80-4S/830 DM70 GF BK 60 871869910897700 10897700 912300023783 1

Mounting device

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Dimensional drawing





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