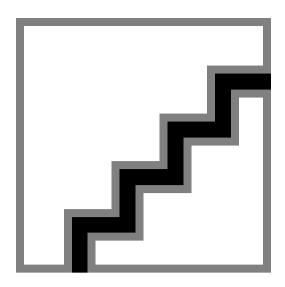
PHILIPS Lighting



Micenas LED

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

IJM-1, LED Module 2500 lm, 830 warm white, Power supply unit (On/Off), Safety class II, Distribution wide 50, Glass frosted flat, Black

Combining contemporary aesthetics and classical inspiration, Micenas LED is an elegant presence in both modern and traditional urban settings. It incorporates the energy-efficient LEDGINE - O engine, ensuring 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			automatically dim down to protect
Lamp family code	LED25 [LED Module 2500 lm]		components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BDP791 [IJM-1]
Driver included	Yes	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper	Value ladder	Performance
	"Evaluating performance of LED based	CE mark	Yes
	luminaires - January 2018": statistically there	Warranty period	5 years
	is no relevant difference in lumen maintenance	Flammability mark	-
	between B50 and for example B10. Therefore,	ENEC mark	ENEC mark
	the median useful life (B50) value also	EU RoHS compliant	Yes
	represents the B10 value. * At extreme		
	ambient temperatures the luminaire might		

Micenas LED

Light Technical		
Upward light output ratio	0.03	
Luminous Flux	1,450 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	-	
Correlated Color Temperature (Nom)	3000 K	
Luminous Efficacy (rated) (Nom)	71 lm/W	
Color rendering index (CRI)	≥80	
Light source color	830 warm white	
Optical cover type	Glass frosted flat	
Luminaire light beam spread	23° - 8° x 152°	
Optic type outdoor	Distribution wide 50	
Operating and Electrical		
Input Voltage	220-240 V	
Line Frequency	50 or 60 Hz	
Inrush current	65 A	
Inrush time	0.1 ms	
Power Consumption	20.5 W	
Power Factor (Fraction)	0.92	
Connection	Plug-in connector 2-pole Wieland/Adels	
	compatible	
Cable	-	
Number of products on MCB of 16 A	21	
type B		
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

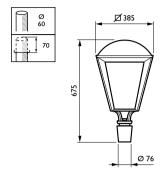
Optical cover shape Optical cover finish Overall length	Flat
Overall length	Frosted
	385 mm
Overall width	385 mm
Overall height	561 mm
Effective projected area	0.102 m²
Dimensions (Height x Width x Depth)	561 x 385 x 385 mm
Approval and Application	
Ingress protection code	IP44 [Wire-protected, splash-proof]
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 II
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	10 %
useful life 100000 h	
Lumen maintenance at median useful	L97
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Product Data	
Order product name	BDP791 LED25-4S/830 II DW50 GF BK 60
Full product name	BDP791 LED25-4S/830 II DW50 GF BK 60
Full product code	871869910900400
Order code	912300023786
order code	912300023786
Material Nr. (12NC)	512500025780
	1
Material Nr. (12NC)	
Material Nr. (12NC) Numerator - Quantity Per Pack	1

Mounting device

2

Micenas LED

Dimensional drawing





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www.lighting.philips.com 2023, December 6 - data subject to change