



Metronomis 1 LED

BDS570 LED70/830 II MDM TP SRG10 60P GR

Metronomis 1 LED Berlin, LED module 7000 lm, 830 warm white, Safety class II, Metronomis distribution medium, Polycarbonate bowl/cover, Grey, Luminaire surge protection level until 10 kV differential mode and 10 kV common mode, Pole-mounting bracket diameter 60 mm

Our family of five, highly distinctive Metronomis 1 LED luminaires is now available in LED. The award-winning Philips Metronomis 1 LED range is designed to enhance Cambridge, Berlin, Bordeaux, Brussels, and Porto luminaires with even greater lighting performance and efficiency. Architects and lighting designers can use these luminaires and dedicated poles and brackets with a wide variety of optics. So they can create a total city lighting solution with a consistent design that still reflects differences in urban culture and history. During the day, Metronomis 1 LED integrates harmoniously with any street scene. At night, its appearance is both functional - guiding people and traffic safely through the city - and decorative, creating a pleasant ambience in city squares and pedestrian areas. The Metronomis 1 LED street lighting solution features a Philips System ready (SR) socket, making it future ready to be paired with standalone or advanced control and lighting software applications such as Interact from Signify. In addition, every Metronomis LED 1 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programing operations faster and easier, and enables you to create a digital library of lighting assets and spare parts.

Product data

General Information		Light source replaceable	Yes
Lamp family code	LED70 [LED module 7000 lm]	Number of gear units	1 unit

Datasheet, 2023, December 5 data subject to change

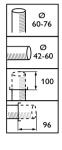
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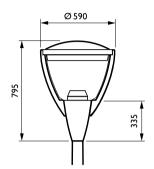
Driver included	Yes	Controls and Dimming	
Remarks	*-Per Lighting Europe guidance paper	Dimmable	No
	"Evaluating performance of LED based	Driver/power unit/transformer	Power supply unit (On/Off)
	luminaires - January 2018": statistically there is	Constant light output	No
	no relevant difference in lumen maintenance		
	between B50 and for example B10. Therefore,	Mechanical and Housing	
	the median useful life (B50) value also	Housing Material	Aluminum
	represents the B10 value. * At extreme ambient	Reflector material	-
	temperatures the luminaire might	Optic material	Polycarbonate
	automatically dim down to protect	Optical cover material	Polycarbonate
	components	Fixation material	Aluminum
Light source engine type	LED	Housing Color	Grey
Service tag	Yes	Mounting device	Pole-mounting bracket diameter 60 mm
Product family code	BDS570 [Metronomis 1 LED Berlin]	Optical cover shape	Conical
Lighting Technology	LED	Optical cover finish	Clear
Value ladder	Specification	Overall length	795 mm
CE mark	Yes	Overall width	590 mm
Warranty period	5 years	Overall height	795 mm
Flammability mark	-	Overall diameter	590 mm
ENEC mark	ENEC mark	Effective projected area	0.27 m ²
EU RoHS compliant	Yes	Dimensions (Height x Width x Depth)	795 x 590 x 795 mm
		Dimensions (reight x Width x Bepth)	755 X 556 X 755 11111
Light Technical		Approval and Application	
Upward light output ratio	0.03	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Luminous Flux	5,390 lm	Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	O°	Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV
Standard tilt angle side entry	-	, , , , , , , , , , , , , , , , , , , ,	differential mode and 10 kV common mode
Correlated Color Temperature (Nom)	3000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	102 lm/W		-
Color rendering index (CRI)	80	Initial Performance (IEC Compliant	:)
Light source color	830 warm white	Luminous flux tolerance	+/-7%
Optical cover type	Polycarbonate bowl/cover	Initial chromaticity	(0.434, 0.403) SDCM <5
Luminaire light beam spread	45° - 17° x 150°	Power consumption tolerance	+/-10%
Optic type outdoor	Metronomis distribution medium	Init. Color Rendering Index Tolerance	+/-2
Operating and Electrical		Over Time Performance (IEC Comp	liant)
Input Voltage	220 to 240 V	Control gear failure rate at median	10 %
Line Frequency	50 to 60 Hz	useful life 100000 h	
Inrush current	43 A	Lumen maintenance at median useful	L97
Inrush time	0.26 ms	life* 100000 h	
Power Consumption	53 W		
Power Factor (Fraction)	0.98	Application Conditions	
Connection	Plug-in connector 5-pole Wieland/Adels	Performance ambient temperature Tq	25 ℃
	compatible		
Cable	<u>-</u>	Product Data	
Number of products on MCB of 16 A	10	Order product name	BDS570 LED70/830 II MDM TP SRG10 60P GR
type B		Full product name	BDS570 LED70/830 II MDM TP SRG10 60P GR
		Full product code	871869946767800
Temperature		Order code	912300024031
Ambient temperature range	-40 to +50 °C	Material Nr. (12NC)	912300024031
		Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718699467678
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Numerator - Packs per outer box	1
EAN/UPC - Case	8718699467678

Dimensional drawing







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