



Metronomis 1 LED

BDS580 LWFP LED50/740 II MDM TP CTGO-DG

Metronomis 1 LED Cambridge, CityTouch with future proof service, LED module 5000 lm, 740 neutral white, Safety class II, Metronomis distribution medium, Polycarbonate bowl/cover, Grey, Luminaire surge protection level until 6 kV differential mode and 8 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

Datasheet, 2023, April 30 data subject to change

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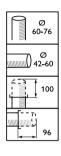
General Information		Temperature	
Lamp family code	LED50 [LED module 5000 lm]	Ambient temperature range	-40 to +50 °C
Light source replaceable	Yes	,	10 10 150 0
Number of gear units	1 unit	Controls and Dimming	
Driver included	Yes	Dimmable	Yes
Remarks	*-Per Lighting Europe guidance paper	Driver/power unit/transformer	Power supply unit with DALI interface
Temarks	"Evaluating performance of LED based	Control interface	GPRS network
	luminaires - January 2018": statistically there	Constant light output	No
	is 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	Reflector material	-
	ambient 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	
Product family code	BDS580 [Metronomis 1 LED Cambridge]	Mounting device	Pole-mounting bracket diameter 60 mm
Lighting Technology	LED	Optical cover shape	Conical
Value ladder	Specification	Optical cover finish	Clear
CE mark	Yes	- 	795 mm
Warranty period	5 years	Overall length	
Flammability mark		Overall width	590 mm
ENEC mark	ENEC mark	Overall height	795 mm
EU RoHS compliant	Yes	Overall diameter	590 mm
<u> </u>		Effective projected area	0.27 m ²
Light Technical		Dimensions (Height x Width x Depth)	795 x 590 x 795 mm
Upward light output ratio	0.03	Annual and Analization	
Luminous Flux	3,850 lm	Approval and Application	IDGE ID
Standard tilt angle posttop	0°	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Standard tilt angle side entry	-	Mech. impact protection code	IK08 [5 J vandal-protected]
Correlated Color Temperature (Nom)	4000 K	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Luminous Efficacy (rated) (Nom)	122 lm/W	Bush offers described	differential mode and 8 kV common mode
Color rendering index (CRI)	70	Protection class IEC	Safety class II
Light source color	740 neutral white	Initial Danfaurance (IEC Commission	Α.
Optical cover type	Polycarbonate bowl/cover	Initial Performance (IEC Compliant	•
Luminaire light beam spread	45° - 17° x 150°	Luminous flux tolerance	+/-7%
Optic type outdoor	Metronomis distribution medium	Initial chromaticity	(0.382, 0.378) SDCM <5
	eu onomis distribution mediam	Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Comp	•
Inrush current	21 A	Control gear failure rate at median	10 %
Inrush time	0.225 ms	useful life 100000 h	
Power Consumption	31.5 W	Lumen maintenance at median useful	L97
·	0.98	life* 100000 h	
Power Factor (Fraction)			
Connection	Plug-in connector 5-pole Wieland/Adels	Application Conditions	
Cable	compatible	Performance ambient temperature Tq	25 °C
Cable	-	Maximum dim level	25%
Number of products on MCB of 16 A	26		
type B		Product Data	
		Order product name	BDS580 LWFP LED50/740 II MDM TP CTGO-
			DG

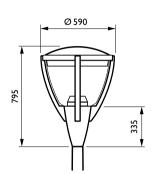
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Full product name	BDS580 LWFP LED50/740 II MDM TP CTGO-	
	DG	
Full product code	871869946766100	
Order code	46766100	
Material Nr. (12NC)	912300024030	
Numerator - Quantity Per Pack	1	

EAN/UPC - Product/Case	8718699467661
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699467661

Dimensional drawing







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