



Metronomis 1 LED – LEDify vision into reality

Metronomis 1 LED

The successor to our famous Metronomis conventional product range, the Metronomis 1 LED luminaire is the obvious LEDdifying solution to our Cambridge, Berlin, Bordeaux, Brussels and Porto luminaire versions. Metronomis 1 LED is a family of five highly distinctive luminaires and dedicated supports (poles and brackets), which can be used with a wide variety of optics to provide architects and lighting designers with the total solution needed to create a unified, consistent lighting design that still reflects the differences in urban culture and history. In its daytime appearance, the Metronomis1 LED integrates harmoniously with any street scene, while its night-time appearance is both functional – guiding people and traffic safely through the city – and decorative, creating a pleasant ambience in city squares and pedestrian precincts.

Benefits

- Original Metronomis design, contemporary, elegant and modular
- An energy-efficient luminaire: energy cost savings of an estimated 40 - 60% compared to conventional luminaires
- Suitable for both renovation projects and new installations thanks to dedicated brackets and poles
- Equipped with a service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

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Features

- Available versions: Cambridge, Berlin, Bordeaux, Brussels, Porto
- A broad range of lumen outputs and optics to ensure maximum efficiency at all lighting levels
- Surge protection: 10 kV
- Dedicated Metronomis brackets and poles
- Compatible with all Philips standard and advanced public lighting systems

Application

- Urban and residential areas
- City centres and high streets
- Cycle paths, footpaths and pedestrian crossings

Specifications

Ambient Temperature	-40 to +50 °C
Beam spread luminaire	45° - 17° x 150°, 53° - 35° x 150°
Main colour of the luminaire	Gray
Connection	Plug-in connector 5-pole Wieland/Adels compatible (W5)
Dimming	No, yes
Driver	Power supply unit with DALI interface (PSD) Power supply unit (PSU)
Initial correlated colour temperature	3000, 4000 K
Initial input power	37, 43 W
Initial LED luminaire efficacy	104, 110 lm/W

Initial luminous flux	3800, 4700 lm
Input voltage	220 to 240 V
Light source colour	740 neutral white, 830 warm white
Light source replaceable	Yes
Material	Housing: aluminum
Optic	Metronomis distribution medium, metronomis distribution wide
Optical cover	Polycarbonate
Surge protection	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode
Type	BDS580 BDS592
Warranty period	5 years

Versions



Metronomis 1 LED Cambridge - CityTouch with future proof service - LED module 5000 lm



Metronomis 1 LED Bordeaux

Metronomis 1 LED

Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level up to 6 kV differential mode and 8 kV common mode

General Information

CE mark	CE mark
Optical cover/lens type	PC
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit

Light Technical

Standard tilt angle side entry	-
Upward light output ratio	0.03

Mechanical and Housing

Colour	Gray
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Application Conditions

Order Code	Full Product Name	Maximum dim level
46766100	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	25%
46768500	BDS592 LED60/830 I TT MDW GR	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
46766100	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	Yes

Order Code	Full Product Name	Dimmable
46768500	BDS592 LED60/830 I TT MDW GR	No

General Information (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source	Lamp family	Optic type
			colour	code	
46766100	BDS580 LWFP LED50/740 II	45° - 17° x 150°	740	LED50	Metronomis distribution
			neutral		medium
			white		

Order Code	Full Product Name	Luminaire light beam spread	Light source	Lamp family	Optic type
			colour	code	
46768500	BDS592 LED60/830 I TT MDW GR	53° - 35° x 150°	830 warm	LED60	Metronomis distribution
			white		wide

General Information (2/2)

Order Code	Full Product Name	Product Family Code
46766100	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	BDS580

Order Code	Full Product Name	Product Family Code
46768500	BDS592 LED60/830 I TT MDW GR	BDS592

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour	Init. Colour	Initial luminous flux
		Temperature	Rendering Index	
46766100	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	4000 K	>70	3800 lm

Order Code	Full Product Name	Init. Corr. Colour	Init. Colour	Initial luminous flux
		Temperature	Rendering Index	
46768500	BDS592 LED60/830 I TT MDW GR	3000 K	>80	4700 lm

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Light Technical

Order Code	Full Product Name	Standard tilt angle posttop	Order Code	Full Product Name	Standard tilt angle posttop
46766100	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	0°	46768500	BDS592 LED60/830 I TT MDW GR	-

