



Metronomis 1 LED - LEDify vision into reality

Metronomis 1 LED

Successor of our famous Metronomis conventional product range, Metronomis 1 LED luminaire is the obvious LEDdifying solution to our Cambridge, Berlin, Bordeaux, Brussels and Porto luminaire versions. Metronomis 1 LED is from now on 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, 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
- 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 Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Metronomis 1 LED

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 centers and main 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 color of the Luminaire	Gray
Connection	Plug-in connector 5-pole Wieland/Adels compatible (Plug-in connector 5-pole Wieland/Adels compatible)
Dimming	No, yes
Driver	Power supply unit (Power supply unit) Power supply unit with DALI interface (Power supply unit with DALI interface)
Initial correlated color temperature	3000, 4000 K
Initial input power	37, 43, 51 W
Initial LED luminaire efficacy	104, 106, 110 lm/W

Initial luminous flux	3800, 4700, 5400 lm
Input voltage	220 to 240 V
Light source color	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 until 10 kV differential mode and 10 kV common mode, luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Type	BDS570 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 until 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

Color	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 color	Lamp family code	Optic type
46766100	BDS580 LWFP LED50/740 II	45° - 17° x 150°	740 neutral white	LED50	Metronomis distribution medium

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Lamp family code	Optic type
46768500	BDS592 LED60/830 I TT MDW GR	53° - 35° x 150°	830 warm white	LED60	Metronomis distribution 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. Color Temperature	Init. Color Rendering Index	Initial luminous flux
46766100	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	4000 K	>70	3800 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
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	-

