



# 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

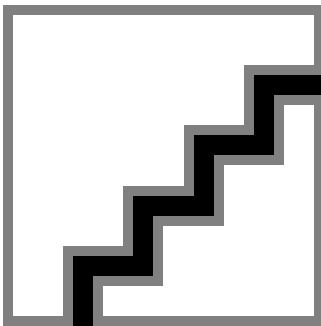
- Urban and residential areas
- City centers and main streets
- Cycle paths, footpaths and pedestrian crossings

## Specifications

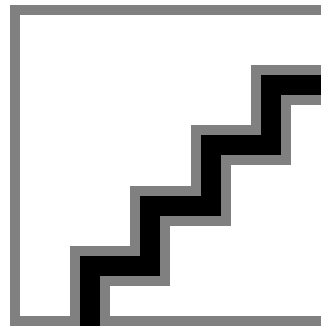
<b>Ambient Temperature</b>	-40 to +50 °C
<b>Beam spread luminaire</b>	45° - 17° x 150°, 53° - 35° x 150°
<b>Main color of the Luminaire</b>	Gray
<b>Connection</b>	Plug-in connector 5-pole Wieland/Adels compatible (Plug-in connector 5-pole Wieland/Adels compatible)
<b>Dimming</b>	No, yes
<b>Driver</b>	Power supply unit (Power supply unit) Power supply unit with DALI interface (Power supply unit with DALI interface)
<b>Initial correlated color temperature</b>	3000, 4000 K
<b>Initial input power</b>	37, 43, 51 W
<b>Initial LED luminaire efficacy</b>	104, 106, 110 lm/W

<b>Initial luminous flux</b>	3800, 4700, 5400 lm
<b>Input voltage</b>	220 to 240 V
<b>Light source color</b>	740 neutral white, 830 warm white
<b>Light source replaceable</b>	Yes
<b>Material</b>	Housing: aluminum
<b>Optic</b>	Metronomis distribution medium, metronomis distribution wide
<b>Optical cover</b>	Polycarbonate
<b>Surge protection</b>	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
<b>Type</b>	BDS570 BDS580 BDS592
<b>Warranty period</b>	5 years

## Versions



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



Metronomis 1 LED Berlin

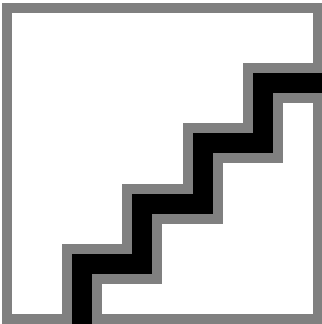
# Metronomis 1 LED

## Versions

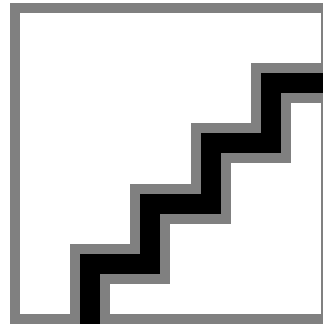


Metronomis 1 LED Bordeaux

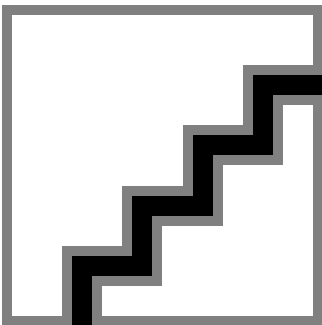
## Product details



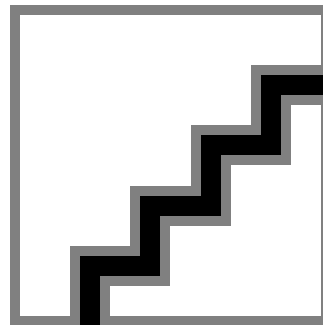
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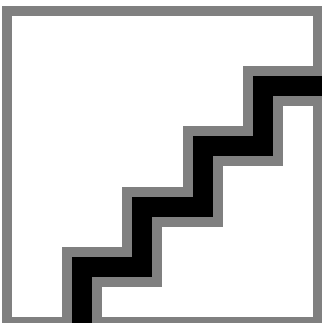
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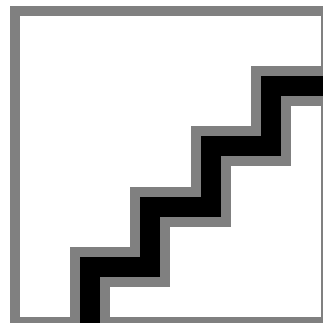
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Metronomis\_I\_LED-  
BDS570-4DPP.TIF



Metronomis\_I\_LED-  
BDS570-5DPP.TIF



Metronomis\_I\_LED-  
BDS570-6DPP.TIF

# Metronomis 1 LED

## Approval and Application

Mech. impact protection code	IK08
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## General Information

CE mark	CE mark
Optical cover/lens type	Polycarbonate bowl/cover
Driver included	Yes
Flammability mark	-
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
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	25%
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	-
912300024032	BDS592 LED60/830 I TT MDW GR	-

## Approval and Application

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Order Code	Full Product Name	Surge Protection (Common/Differential)
912300024032	BDS592 LED60/830 I TT MDW GR	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

## Controls and Dimming

Order Code	Full Product Name	Dimmable
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	Yes
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	No

Order Code	Full Product Name	Dimmable
912300024032	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	Lamp Optic type
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	45° - 17° x 150°	740 neutral white	LED50	Metronomis distribution medium
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	45° - 17° x 150°	830 warm white	LED70	Metronomis distribution medium

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Lamp family code	Lamp Optic type
912300024032	BDS592 LED60/830 I TT MDW GR	53° - 35° x 150°	830 warm white	LED60	Metronomis distribution wide

## General Information (2/2)

## Metronomis 1 LED

Order Code	Full Product Name	Product	
		Family Code	Service tag
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	BDS580	-
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	BDS570	Yes

Order Code	Full Product Name	Product	
		Family Code	Service tag
912300024032	BDS592 LED60/830 I TT MDW GR	BDS592	-

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color	Initial
			Rendering Index	luminous flux
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	4000 K	>70	3800 lm
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	3000 K	>80	5400 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color	Initial
			Rendering Index	luminous flux
912300024032	BDS592 LED60/830 I TT MDW GR	3000 K	>80	4700 lm

### Light Technical

Order Code	Full Product Name	Standard tilt angle posttop
912300024030	BDS580 LWFP LED50/740 II MDM TP CTGO-DG	0°
912300024031	BDS570 LED70/830 II MDM TP SRG10 60P GR	0°

Order Code	Full Product Name	Standard tilt angle posttop
912300024032	BDS592 LED60/830 I TT MDW GR	-

