



Metronomis LED – a play of light and shadow

Metronomis LED Fluid

Metronomis LED is the first post-top range in the world to offer a palette of environmental lighting effects to give projects a unique contextual or aesthetic touch. An innovative play of reflection, light and shadow creates an environmental pattern on the ground or on the bowl to create additional ambience. Four new iconic designs – with a visual and modular link to Metronomis I – are reduced to the essential elements. During the day, the discreet, transparent design blends into its context, be it contemporary or classical, while its night-time appearance is both functional and decorative. The flexible, modular Metronomis LED comes with a range of columns and a wide variety of optics and effects, enabling architects and lighting designers to create a unified, consistent lighting design that still reflects the differences in urban culture and history.

Benefits

- Pure design and palette of lighting effects to make your city unique
- Offers exceptional visual comfort while also optimising safety
- Complete and innovative lighting solution with a shared design identity for both mast and luminaire

Features

- A palette of lighting effects on the ground or on the inside or outside of the bowl makes it possible to create different atmospheres and to give streets and cityscapes a distinctive visual touch
- All the benefits of LEDGINE (high energy saving, serviceable and upgradable, maintains excellent light quality over lifetime, versatile in application)
- Five dedicated aluminium and wooden masts – heights of 3.5 and 4 meters – enhance the pure, simplified style of the luminaires

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Application

- City centres and squares
- Commercial and business centres
- Residential and architectural areas

Specifications

Type	BDS670
Light source	Built-in LED-module
Power (+/-10%)	16 up to 130 W
Luminous flux	GreenLine: 1,400 up to 7,100 lm Economyline: 2,250 up to 10,650 lm
Luminaire efficacy	Up to 90 lm/W (3,000 K, Warm White) Up to 105 lm/W (4,000 K, Neutral White)
Correlated Colour Temperature	3,000 or 4,000 K
Colour Rendering Index	80 (3,000 K, Warm White) 70 (4,000 K, Neutral White)
Lumen maintenance at median useful life* 100,000 h	GreenLine: min L80
Lumen maintenance at median useful life* 75,000 h	EconomyLine: min L80

Specifications

Dimming	LumiStep: 6 and 8 hours DynaDimmer SDU External dimming 1-10 V StarSense RF
Control system input	1-10 V
Options	Possibility to create dynamic light effects inside the bowl. Three different effects available: diamond appearances, waves and circles. Possibility to create personalised patterns on the ground; four different patterns available.
Optic	Metronomis Distribution Medium (MDM), Wide (MDW), Asymmetrical (MDA), Symmetrical (MDS) and Vertical (MDV)
Optical element	Diffusing plate, prismatic plates (Circular, Lines, Diamond)
Optical cover	Polycarbonate bowl, transparant

Control gear failure rate at median useful life 100,000 h	GreenLine: 10%
Control gear failure rate at median useful life 75,000 h	EconomyLine: 7.5%
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-20 to +35 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz
Inrush current	108 A at 140 µs

Material	Housing: high-pressure aluminium Optical cover: polycarbonate, reinforced against UV
Colour	Ultra-dark grey Topaz and light grey Other RAL colours available on request
Connection	Wieland connector 3-pole mains (and 2-pole control signal)
Maintenance	One tool to open the luminaire for all maintenance activities (Standard Philips head screws) To open the top: six screws in order to change patterns and optics To open the gear tray: two screws and tool-less connectors
Installation	Dedicated range of masts Post top Ø 60 and 76 mm Recommended mounting height: 3.5-4 m Max SCx: 0.2441 m

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Versions



Metronomis LED Fluid BDS670
urban-lighting luminaire with
prismatic effect

Product details



OPDP_BDS650i_0009-Detail
photo



OPDP_BDS650i_0025-Detail
photo



OPDP_BDS650i_0029-Detail
photo

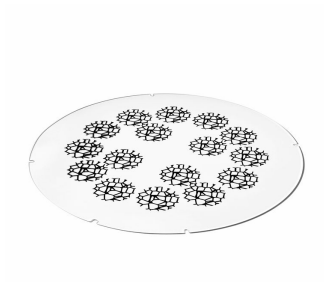


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Product details



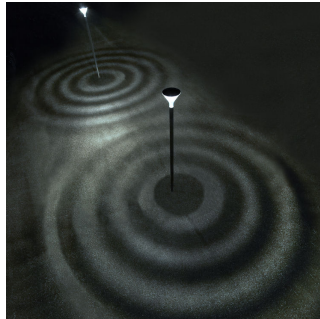
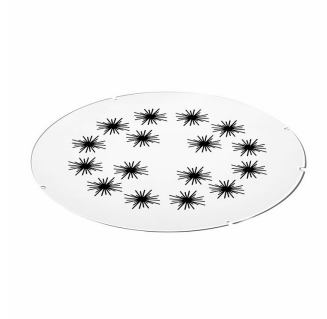
OPDP_BDS650i_0041-Detail
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Metronomis LED Fluid

Product details



OPDP_BDS650i_0051-Detail
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OPDP_BDS650i_0055-Detail
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