



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 optimizing 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 aluminum and wooden masts – heights of 3.5 and 4 meters – enhance the pure, simplified style of the luminaires

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Application

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

Specifications

Type	BDS670
Light source	Build-in LED-module
Power (+/-10%)	16 up to 130 W
Luminous flux	GreenLine: 1400 up to 7100 lm Economyline: 2250 up to 10650 lm
Luminaire efficacy	Up to 90 lm/W (3000 K, Warm White) Up to 105 lm/W (4000 K, Neutral White)
Correlated Color Temperature	3000 or 4000 K

Color Rendering Index	80 (3000 K, Warm White) 70 (4000 K, Neutral White)
Maintenance of lumen output - L80F10	GreenLine: 100,000 hours EconomyLine: 70,000 hours
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

Specifications

Dimming	LumiStep: 6 and 8 hours DynaDimmer SDU External dimming 1-10 V StarSense RF
Controls 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 personalized 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

Material	Housing: high-pressure aluminum Optical cover: polycarbonate, reinforced against UV
Color	Ultra-dark grey Topaze and light grey Other RAL colors 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

Product details



Dedicated black frame for projection on the ground



Decorative mirror effect for increased comfort

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Product details



Dynamic effect creating mysterious waves inside the bowl



Dynamic effect creating mysterious blinking lights inside the bowl



Dynamic effect creating a mysterious pattern of circles inside the bowl



The Washlight is available in three colors: blue, warm white and neutral white



The Washlight creates a grazing effect on the bowl



Dedicated mast with integrated LED module; signature glowing secondary light illuminates the mast over one third of its length



Dedicated mast with complete mast/luminaire interface in wood; the gentle linear light on the mast highlights the material and the techniques used to craft it



Dedicated mast with partial mast/luminaire interface in wood; the gentle linear light on the mast highlights the material and the techniques used to craft it

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Product details



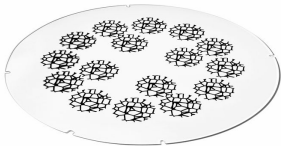
Dedicated mast with complete fusion of mast and luminaire: the mast blends seamlessly into the luminaire housing



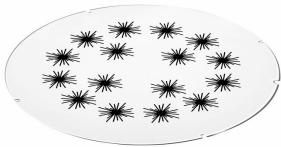
The MetroRiginal links the old and the new Metronomis ranges. The transition from mast to luminaire is seamless, while top/bottom symmetry ensures visual coherence.



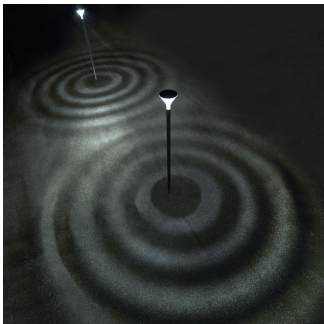
Unique, innovative lighting effect of circles on the ground, creating a modern look



Unique, innovative lighting pattern on the ground, creating an autumnal look



Unique, innovative lighting effect, creating a star-shaped pattern



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Application conditions	
Maximum dimming level	Programmable
Approval and application	
Mech. impact protection code	IK10
Surge protection (common/differential)	Surge protection level up to 10 kV
Controls and dimming	
Dimmable	Yes
General information	
Luminaire light beam spread	48° x 66°
CE mark	Yes
Optical cover/lens type	PC
Driver included	Yes
Flammability mark	NO
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Metronomis distribution medium
Product family code	BDS670
Service tag	Yes
Initial performance (IEC compliant)	
Init. Colour rendering index	≥70
Light technical	
Standard tilt angle side entry	-
Standard tilt angle post-top	-
Upward light output ratio	4.92
Mechanical and housing	
Colour	Gray

General information

Order Code	Full Product Name	Light source colour	Lamp family code
19982800	BDS670 LED80-4S/740 I MDM D9 STD 60	740 neutral white	LED80
19998900	BDS670 LED70/730 II MDM SRT C500 60	730 warm white	LED70

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
19982800	BDS670 LED80-4S/740 I MDM D9 STD 60	4000 K	6800 lm

Order Code	Full Product Name	Init. Corr. Colour Temperature	Initial luminous flux
19998900	BDS670 LED70/730 II MDM SRT C500 60	3000 K	5880 lm

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