



# 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

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

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

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

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

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## Versions



Metronomis LED Fluid BDS670  
urban-lighting luminaire with  
prismatic effect

## Product details



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