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
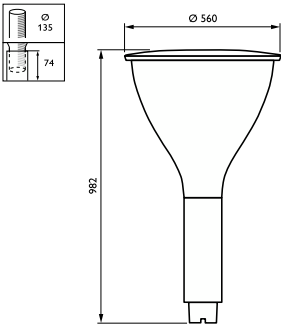
Features
· A palette of lighting effects on the ground or on the inside or outside of the bowl makes it possible to create different atmospheres and to give streets and cityscapes a distinctive visual touch
· All the benefits of LEDGINE (high energy saving, serviceable and upgradable, maintains excellent 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

Dimensional drawing

Product details

OPDP_BDS650i_0009-Detail photo

OPDP_BDS650i_0011-Detail photo

OPDP_BDS650i_0023-Detail photo

OPDP_BDS650i_0025-Detail photo

Metronomis LED Fluid

Product details

OPDP_BDS650i_0027-Detail photo

OPDP_BDS650i_0029-Detail photo

OPDP_BDS650i_0031-Detail photo

OPDP_BDS650i_0033-Detail photo

OPDP_BDS650i_0035-Detail photo

OPDP_BDS650i_0037-Detail photo

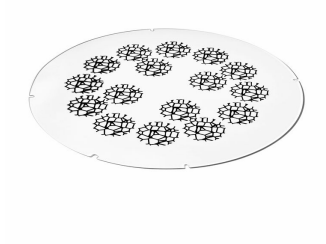OPDP_BDS650i_0039-Detail photo

OPDP_BDS650i_0041-Detail photo

Metronomis LED Fluid
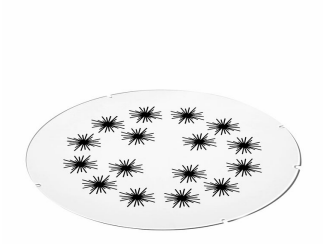
Product details

OPDP_BDS650i_0045-Detail photo

OPDP_BDS650i_0047-Detail photo

OPDP_BDS650i_0049-Detail photo

OPDP_BDS650i_0051-Detail photo

OPDP_BDS650i_0053-Detail photo

OPDP_BDS650i_0055-Detail photo

Metronomis LED Fluid

General Information

Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes

Light Technical

Color rendering index (CRI)	70

Operating and Electrical

Surge Protection (Common/ Differential)	Surge protection level until 10 kV

Controls and Dimming

Dimmable	Yes
Maximum dim level	Programmable

Mechanical and Housing

Optical cover type	Polycarbonate bowl/cover
Housing Color	Gray
Mech. impact protection code	IK10
Ingress protection code	IP66
Standard tilt angle side entry	–
Standard tilt angle posttop	–

Approval and Application

CE mark	Yes
Flammability mark	–

Product Data

Product family code	BDS670

General Information

Order Code	Full Product Name	Lamp family code
19964400	BDS670 LED20-4S/740 I MDM D9 STD 60	LED20
19977400	BDS670 LED40-4S/740 I MDS D9 STD 76	LED40
19982800	BDS670 LED80-4S/740 I MDM D9 STD 60	LED80
19991000	BDS670 LED20/727 II MDS SRT 60	LED20
19993400	BDS670 LED80/722 I MDM SRT 60	LED80

Light Technical (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
19964400	BDS670 LED20-4S/740 I MDM D9 STD 60	48° x 66°	740 neutral white	4000 K	1,700 lm
19977400	BDS670 LED40-4S/740 I MDS D9 STD 76	17°	740 neutral white	4000 K	3,360 lm
19982800	BDS670 LED80-4S/740 I MDM D9 STD 60	48° x 66°	740 neutral white	4000 K	6,800 lm

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Luminous Flux
19991000	BDS670 LED20/727 II MDS SRT 60	17°	727 warm white	2700 K	1,700 lm
19993400	BDS670 LED80/722 I MDM SRT 60	48° x 66°	722 warm white	2200 K	6,720 lm

Light Technical (2/2)

Metronomis LED Fluid

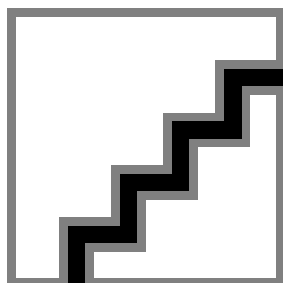| Order Code	Full Product Name	Optic type outdoor	Upward light output ratio
19964400	BDS670 LED20-4S/740 I MDM D9 STD 60	Metronomis distribution medium	4.92
19977400	BDS670 LED40-4S/740 I MDS D9 STD 76	Metronomis distribution symmetrical	5.37
19982800	BDS670 LED80-4S/740 I MDM D9 STD 60	Metronomis distribution medium	4.92

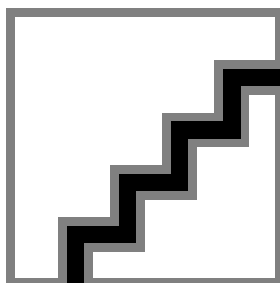| Order Code	Full Product Name	Optic type outdoor	Upward light output ratio
19991000	BDS670 LED20/727 II MDS SRT 60	Metronomis distribution symmetrical	5.37
19993400	BDS670 LED80/722 I MDM SRT 60	Metronomis distribution medium	4.92

Operating and Electrical

Order Code	Full Product Name	Power Consumption
19964400	BDS670 LED20-4S/740 I MDM D9 STD 60	13 W
19977400	BDS670 LED40-4S/740 I MDS D9 STD 76	26 W
19982800	BDS670 LED80-4S/740 I MDM D9 STD 60	46.5 W

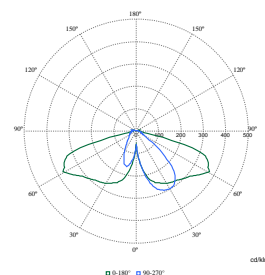| Order Code	Full Product Name	Power Consumption
19991000	BDS670 LED20/727 II MDS SRT 60	15.2 W
19993400	BDS670 LED80/722 I MDM SRT 60	64 W

Polar Wide Diagrams

Polar Normal (separate) – BDS650I – 910925868182

Polar Normal (separate) – BDS650I – 910925868169

Polar Normal (separate) – BDS650I – 910925868187

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2023, August 2 – data subject to change