Metronomis LED: a play of light and shadow

Metronomis LED Sharp

Metronomis LED is the first post-top luminaire range in the world to offer a palette of lighting effects to give projects a unique contextual or aesthetic touch. An innovative play of reflection, light and shadow that casts a pattern on the ground, or in the bowl, to create additional ambience. Four iconic designs are available: Metronomis LED Torch (BDS650), Metronomis LED Torch with hat (BDS651), Metronomis LED Sharp (BDS660), and Metronomis LED Fluid (BDS670). Each luminaire design has a visual and modular link to Metronomis I, reduced to its essential elements. During the day, the discreet, transparent design blends into its urban context, whether that be contemporary or classical architecture and surroundings, while its night-time appearance is both functional and decorative. Flexible and modular, the Metronomis LED family comes with a range of columns and a wide variety of effects. This enables architects and lighting designers to create a unified, consistent lighting design across any cityscape, while still reflecting the differences in urban culture and history. Metronomis LED also offers all the benefits of LEDGINE. Energy saving, serviceable and upgradable, this luminaire range is designed to maintain excellent light quality over its lifetime.

Benefits
- Create a unique city identity with a pure design and palette of lighting effects
- Complete and innovative solution with a shared design identity for mast and luminaires
- Exceptional visual comfort with multiple geometries to optimize safety
- Future-ready with a Zhaga-D4i system ready (SR) top socket to connect with Interact controls
- Service tag for easy installation and maintenance

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Features
· Large choice of light effects (on ground, inside/outside bowl)
· 2D engraving option to personalize luminaires further
· Choice of color temperatures and color rendering for different ambiences: 2200K, 2700K, 3000K and 4000K
· Efficacy up to 157 lm/W
· Torch version with ULR <1%
· Lifetime up to 100,000 hours @L96 B10
· Five dedicated aluminum and wooden masts (3.5 and 4 meters)
· 5-year standard warranty (option to extend up to 10 years)

Application
· City centers and squares
· Commercial and business centers
· Residential and architectural areas
· Cycle paths, footpaths

Versions

OPPR BDS650i 0013

Dimensional drawing

Product details

OPDP_BDS650i_0001-Detail photo

OPDP_BDS650i_0023-Detail photo

OPDP_BDS650i_0025-Detail photo

OPDP_BDS650i_0027-Detail photo

OPDP_BDS650i_0029-Detail photo

OPDP_BDS650i_0031-Detail photo

OPDP_BDS650i_0045-Detail photo
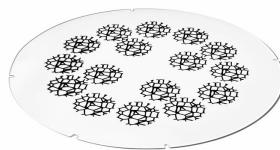
OPDP_BDS650i_0047-Detail photo

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Product details

**OPDP_BDS650i_0049-Detail
photo**
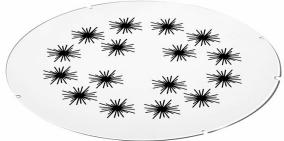
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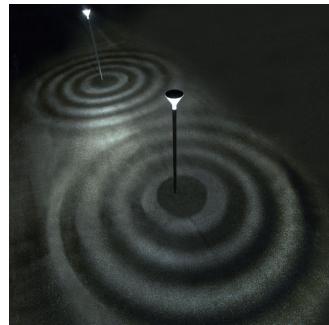
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photo**

**OPDP_BDS650i_0055-Detail
photo**

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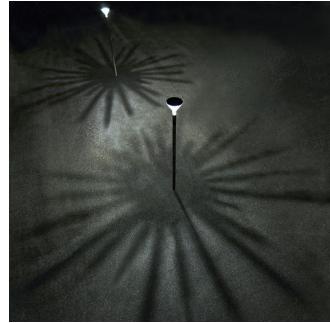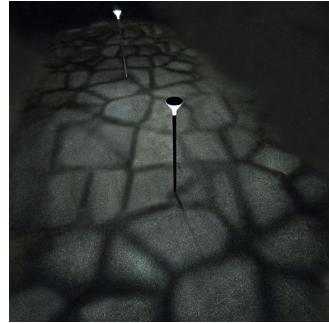
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General Information

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

Light Technical

Luminaire light beam spread	48° x 66°
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	BDS660

General Information

Order Code	Full Product Name	Lamp family code
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	LED20
910925868203	BDS660 LED80/730 II MDW SRT C500 60	LED80

Light Technical (1/2)

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Luminous Flux	Optic type outdoor
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	740 neutral white	4000 K	1,700 lm	Metronomis distribution medium

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Luminous Flux	Optic type outdoor
910925868203	BDS660 LED80/730 II MDW SRT C500 60	730 warm white	3000 K	6,800 lm	Metronomis distribution wide

Light Technical (2/2)

Order Code	Full Product Name	Upward light output ratio
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	3.77

Order Code	Full Product Name	Upward light output ratio
910925868203	BDS660 LED80/730 II MDW SRT C500 60	3.62

Operating and Electrical

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Order Code	Full Product Name	Power Consumption
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	13 W

Order Code	Full Product Name	Power Consumption
910925868203	BDS660 LED80/730 II MDW SRT C500 60	51 W

Polar Wide Diagrams
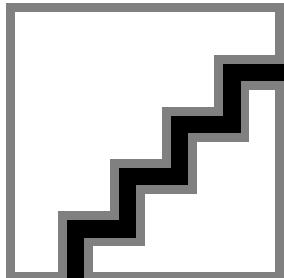
Polar Normal (separate) – BDS650I –
910925868155