



Metronomis LED: a play of light and shadow

Metronomis LED Fluid

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 ambiances: 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

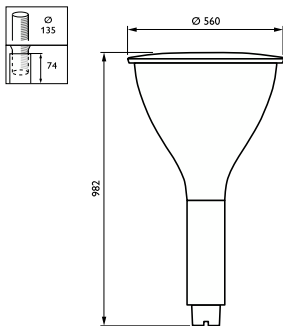
- City centers and squares
- Commercial and business centers
- Residential and architectural areas
- Cycle paths, footpaths

Versions



OPPR BDS650i 0017

Dimensional drawing



Metronomis LED Fluid

Product details



OPDP_BDS650i_0009-Detail
photo



OPDP_BDS650i_0011-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_0033-Detail
photo

Metronomis LED Fluid

Product details



OPDP_BDS650i_0035-Detail
photo



OPDP_BDS650i_0037-Detail
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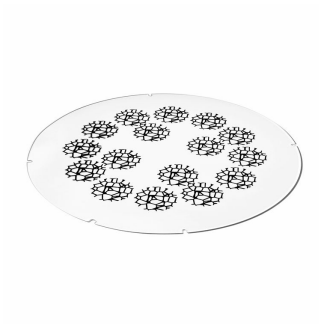
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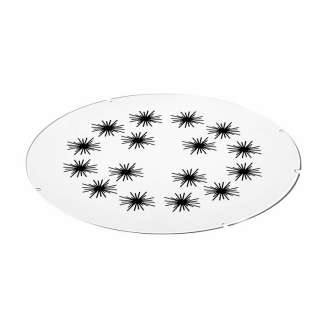
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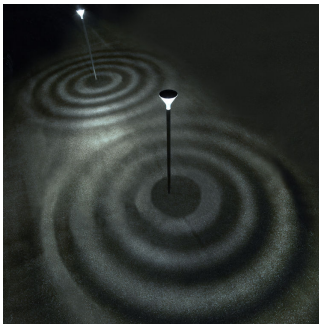
OPDP_BDS650i_0045-Detail
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OPDP_BDS650i_0047-Detail
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OPDP_BDS650i_0049-Detail
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OPDP_BDS650i_0051-Detail
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Metronomis LED Fluid

Product details



OPDP_BDS650i_0053-Detail photo



OPDP_BDS650i_0055-Detail photo

General Information	
Driver included	Yes
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes
Operating and Electrical	
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Controls and Dimming	
Dimmable	Yes
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
910925868169	BDS670 LED20-4S/740 I MDM D9 STD 60	LED20
910925868182	BDS670 LED40-4S/740 I MDS D9 STD 76	LED40
910925868187	BDS670 LED80-4S/740 I MDM D9 STD 60	LED80
910925868196	BDS670 LED20/727 II MDS SRT 60	LED20
910925868198	BDS670 LED80/722 I MDM SRT 60	LED80
910925869082	BDS670 LED40-4S/830 II MDS DF CLO STD 60	LED40

Light Technical (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)
910925868169	BDS670 LED20-4S/740 I MDM D9 STD 60	48° x 66°	740 neutral white	4000 K	70

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)
910925868182	BDS670 LED40-4S/740 I MDS D9 STD 76	17°	740 neutral white	4000 K	70

Metronomis LED Fluid

Order Code	Full Product Name	Luminaire	Light	Correlated	Color
		light beam spread	source color	Color Temperature (Nom)	rendering index (CRI)
910925868187	BDS670	48° x 66°	740	4000 K	70
	LED80-4S/740 I		neutral		
	MDM D9 STD 60		white		
910925868196	BDS670	17°	727 warm	2700 K	70
	LED20/727 II		white		
	MDS SRT 60				
910925868198	BDS670	48° x 66°	722 warm	2200 K	70
	LED80/722 I		white		
	MDM SRT 60				

Order Code	Full Product Name	Luminaire	Light	Correlated	Color
		light beam spread	source color	Color Temperature (Nom)	rendering index (CRI)
910925869082	BDS670	17°	830	3000 K	80
	LED40-4S/830 II		warm		
	MDS DF CLO		white		
	STD 60				

Light Technical (2/2)

Order Code	Full Product Name	Luminous	Optic type	Upward
		Flux	outdoor	light output ratio
910925868169	BDS670 LED20-4S/740	1,700 lm	Metronomis distribution medium	4.92
	I MDM D9 STD 60			
910925868182	BDS670 LED40-4S/740	3,360 lm	Metronomis distribution symmetrical	5.37
	I MDS D9 STD 76			
910925868187	BDS670 LED80-4S/740	6,800 lm	Metronomis distribution medium	4.92
	I MDM D9 STD 60			

Order Code	Full Product Name	Luminous	Optic type	Upward
		Flux	outdoor	light output ratio
910925868196	BDS670 LED20/727 II	1,700 lm	Metronomis distribution symmetrical	5.37
	MDS SRT 60			
910925868198	BDS670 LED80/722 I	6,720 lm	Metronomis distribution medium	4.92
	MDM SRT 60			
910925869082	BDS670 LED40-4S/830	3,306 lm	Metronomis distribution symmetrical	5.37
	II MDS DF CLO STD 60			

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868169	BDS670 LED20-4S/740 I MDM D9 STD 60	13 W
910925868182	BDS670 LED40-4S/740 I MDS D9 STD 76	26 W
910925868187	BDS670 LED80-4S/740 I MDM D9 STD 60	46.5 W

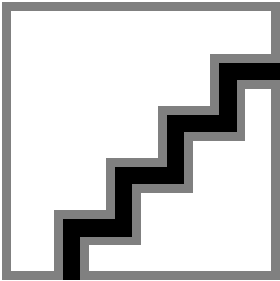
Order Code	Full Product Name	Power Consumption
910925868196	BDS670 LED20/727 II MDS SRT 60	15.2 W
910925868198	BDS670 LED80/722 I MDM SRT 60	64 W
910925869082	BDS670 LED40-4S/830 II MDS DF CLO STD 60	32 W

Controls and Dimming

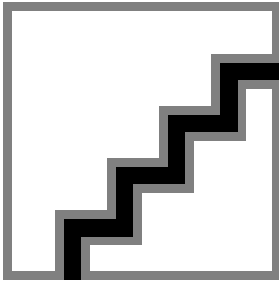
Order Code	Full Product Name	Maximum dim level
910925868169	BDS670 LED20-4S/740 I MDM D9 STD 60	Programmable
910925868182	BDS670 LED40-4S/740 I MDS D9 STD 76	Programmable
910925868187	BDS670 LED80-4S/740 I MDM D9 STD 60	Programmable

Order Code	Full Product Name	Maximum dim level
910925868196	BDS670 LED20/727 II MDS SRT 60	Programmable
910925868198	BDS670 LED80/722 I MDM SRT 60	Programmable
910925869082	BDS670 LED40-4S/830 II MDS DF CLO STD 60	-

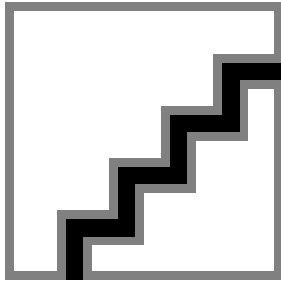
Polar Wide Diagrams



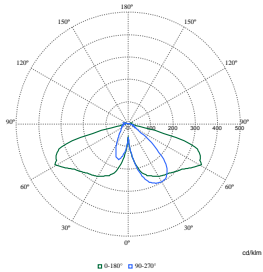
Polar Normal (separate) - BDS650I - 910925869082



Polar Normal (separate) - BDS650I - 910925868182



Polar Normal (separate) - BDS650I - 910925868169



Polar Normal (separate) - BDS650I - 910925868187

