



Metronomis LED – a play of light and shadow

Metronomis LED Torch

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

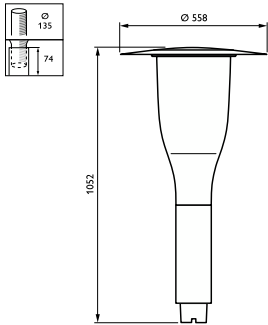
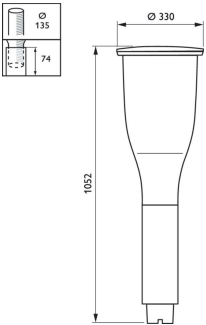
Versions



OPDP BDS650i 0005

Metronomis LED Torch with hat BDS651

Dimensional drawing



Product details



OPDP_BDS650i_0023-Detail photo



OPDP_BDS650i_0025-Detail photo

Metronomis LED Torch

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
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OPDP_BDS650i_0039-Detail
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OPDP_BDS650i_0041-Detail
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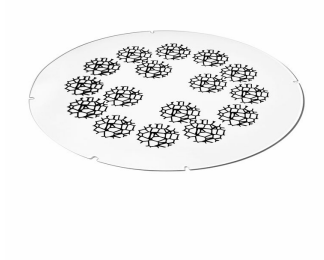
Metronomis LED Torch

Product details

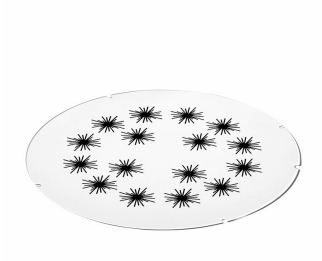
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photo



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OPDP_BDS650i_0049-Detail
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OPDP_BDS650i_0051-Detail
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OPDP_BDS650i_0053-Detail
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OPDP_BDS650i_0055-Detail
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Metronomis LED Torch

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
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	-

General Information

Order Code	Full Product Name	Lamp family code
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	LED40
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	LED50
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	LED20
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	LED30
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	LED25
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	LED20
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	LED50

Light Technical (1/2)

Order Code	Full Product Name	Luminaire	Light	Correlated	
		light beam spread	source color	Color Temperature (Nom)	Color rendering index (CRI)
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	17°	740 neutral white	4000 K	70
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	17°	740 neutral white	4000 K	70
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	17°	730 warm white	3000 K	70
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	-	730 warm white	3000 K	70

Order Code	Full Product Name	Luminaire	Light	Correlated	
		light beam spread	source color	Color Temperature (Nom)	Color rendering index (CRI)
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	-	830 warm white	3000 K	80
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	17°	740 neutral white	4000 K	70
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	48° x 66°	730 warm white	3000 K	70

Light Technical (2/2)

Order Code	Full Product Name	Luminous		Upward light output ratio
		Flux	Optic type outdoor	ratio
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	3,360 lm	Metronomis distribution symmetrical	1.1

Order Code	Full Product Name	Luminous		Upward light output ratio
		Flux	Optic type outdoor	ratio
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	4,200 lm	Metronomis distribution symmetrical	1.1

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Order Code	Full Product Name	Luminous		Upward light output ratio
		Flux	Optic type outdoor	
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	1,638 lm	Metronomis distribution symmetrical	1.1
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	2,460 lm	Symmetric distribution optic conform French PCN (Protection Ciel Nocturne - Dark sky)	0.34
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	2,125 lm	-	4.75

Order Code	Full Product Name	Luminous		Upward light output ratio
		Flux	Optic type outdoor	
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	1,638 lm	Metronomis distribution symmetrical	1.1
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	4,000 lm	Metronomis distribution medium PCN (Protection Ciel Noturne - Dark Sky)	0.41

Operating and Electrical

Order Code	Full Product Name	Power Consumption
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	25 W
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	30 W
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	13.6 W
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	20.5 W

Order Code	Full Product Name	Power Consumption
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	19.4 W
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	12.8 W
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	32 W

Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	Yes	Programmable
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	Yes	Programmable
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	No	Not applicable
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	No	Not applicable
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	No	-

Order Code	Full Product Name	Dimmable	Maximum dim level
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	Yes	Programmable
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	No	Not applicable

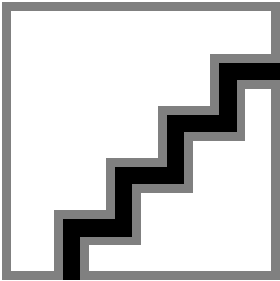
Product Data

Order Code	Full Product Name	Product family code
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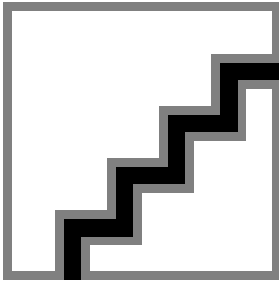
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19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	BDS651
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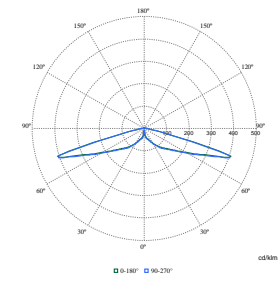
Polar Wide Diagrams



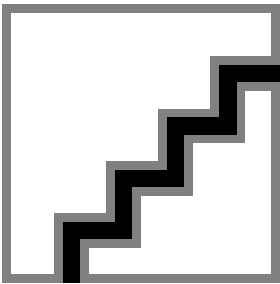
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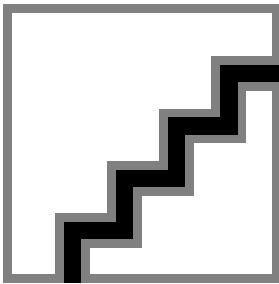
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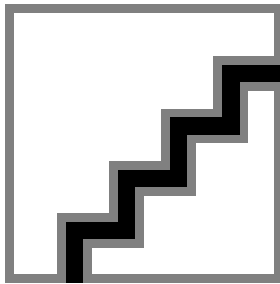
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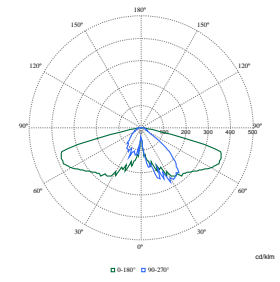
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Polar Normal (separate) - BDS650I - 910925868151



Polar Normal (separate) - BDS650I - 910925868191



Polar Normal (separate) - BDS650I - 910925868202

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