



# 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

# Metronomis LED Torch

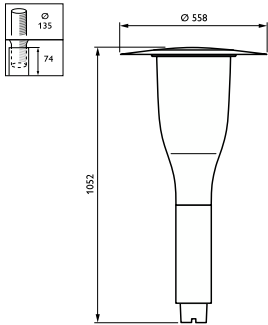
## Application

- City centers and squares
- Commercial and business centers
- Residential and architectural areas

## Versions



## Dimensional drawing



## Product details



OPDP\_BDS650i\_0023-Detail  
photo



OPDP\_BDS650i\_0025-Detail  
photo

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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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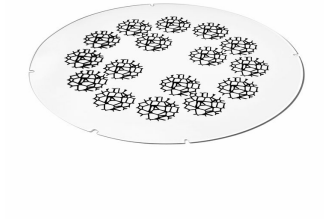
Metronomis LED Torch

Product details

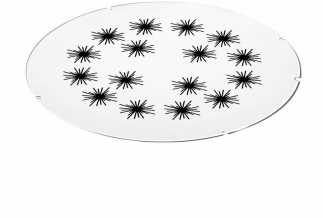
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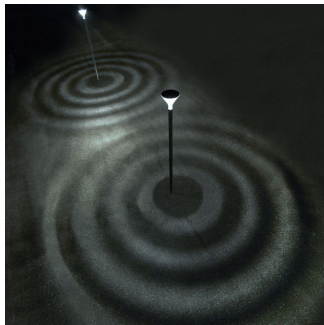
OPDP\_BDS650i\_0047-Detail  
photo



OPDP\_BDS650i\_0049-Detail  
photo



OPDP\_BDS650i\_0051-Detail  
photo



OPDP\_BDS650i\_0053-Detail  
photo



OPDP\_BDS650i\_0055-Detail  
photo



Metronomis LED Torch

General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Optical cover type	Polycarbonate bowl/cover
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Mechanical and Housing	
Housing Color	Gray
Approval and Application	
Mech. impact protection code	IK10
Ingress protection code	IP66
Surge Protection (Common/Differential)	Surge protection level until 10 kV

General Information

Order Code	Full Product Name	Lamp family code	Product family code
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	LED40	BDS650
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	LED50	BDS650
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	LED20	BDS650
19994100	BDS650 LED30/730 PSU II S1F-PCN C500 60	LED30	BDS650
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	LED25	BDS650
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	LED20	BDS651
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	LED50	BDS651

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 S1F-PCN C500 60	-	730 warm white	3000 K	≥70
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
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	4,200 lm	Metronomis distribution symmetrical	1.1

## Metronomis LED Torch

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
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	Yes
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	Yes
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	No
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	No

Order Code	Full Product Name	Dimmable
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	No
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	Yes
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	No

### Application Conditions

Order Code	Full Product Name	Maximum dim level
19942200	BDS650 LED40-4S/740 I MDS D9 STD 76	Programmable
19944600	BDS650 LED50-4S/740 I MDS D9 STD 60	Programmable
19986600	BDS650 LED20/730 PSU-CLO II MDS 60	Not applicable
19994100	BDS650 LED30/730 PSU II SIF-PCN C500 60	Not applicable

Order Code	Full Product Name	Maximum dim level
19939200	BDS650 LED25-4S/830 PSU II VD CLO STD 60	-
19946000	BDS651 LED20-4S/740 I MDS CLO D9 STD 60	Programmable
19996500	BDS651 LED50/730 PSU II MDM-PCN C500 60	Not applicable

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Polar Wide Diagrams

Polar Normal (separate) - BDS650I -  
910925868199

Polar Normal (separate) - BDS650I -  
910925868147

Polar Normal (separate) - BDS650I -  
910925868149

Polar Normal (separate) - BDS650I -  
910925868144

Polar Normal (separate) - BDS650I -  
910925868151

Polar Normal (separate) - BDS650I -  
910925868191

Polar Normal (separate) - BDS650I -  
910925868202

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