



# Philips Metronomis LED: a play of light and shadow

## Metronomis LED Sharp

Philips 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 0013

## Dimensional drawing

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Product details



OPDP\_BDS650i\_0001-Detail  
photo



OPDP\_BDS650i\_0003-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

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Product details



OPDP\_BDS650i\_0035-Detail  
photo



OPDP\_BDS650i\_0037-Detail  
photo



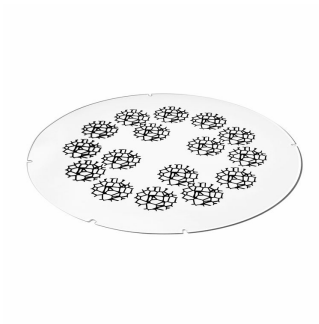
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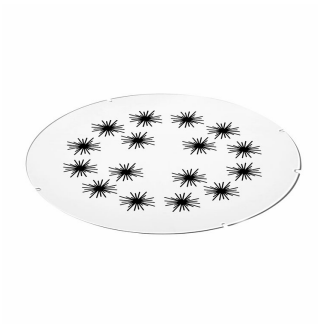
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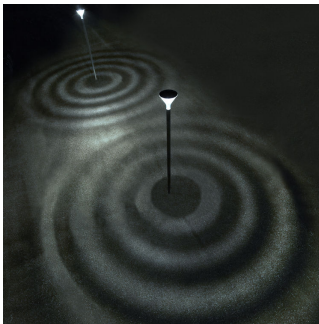
OPDP\_BDS650i\_0045-Detail  
photo



OPDP\_BDS650i\_0047-Detail  
photo



OPDP\_BDS650i\_0049-Detail  
photo



OPDP\_BDS650i\_0051-Detail  
photo

# Metronomis LED Sharp

## Product details



OPDP\_BDS650i\_0053-Detail photo



OPDP\_BDS650i\_0055-Detail photo

General Information	
CE mark	Yes
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Product family code	BDS660
Service tag	Yes
Light Technical	
Optical cover type	Polycarbonate bowl/cover
Color rendering index (CRI)	≥70
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Controls and Dimming	
Dimmable	Yes
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
Application Conditions	
Maximum dim level	Programmable

## General Information

Order Code	Full Product Name	Lamp family code
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	LED20
910925868165	BDS660 LED80-4S/740 I MDM D9 STD 60	LED80
910925868194	BDS660 LED40/727 I MDV DF SRT C500 60	LED40
910925868203	BDS660 LED80/730 II MDW SRT C500 60	LED80

## Light Technical (1/2)

## Metronomis LED Sharp

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
910925868155	BDS660	48° x 66°	740	4000 K	1,700 lm
	LED20-4S/740 I		neutral		
	MDM D9 STD 60		white		
910925868165	BDS660	48° x 66°	740	4000 K	6,800 lm
	LED80-4S/740 I		neutral		
	MDM D9 STD 60		white		
910925868194	BDS660	60° x 50°	727 warm	2700 K	3,200 lm
	LED40/727 I		white		
	MDV DF SRT				
	C500 60				

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
910925868203	BDS660	48° x 66°	730	3000 K	6,800 lm
	LED80/730 II		warm		
	MDW SRT C500		white		
	60				

### Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor	Upward light output ratio
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	Metronomis distribution medium	3.77
910925868165	BDS660 LED80-4S/740 I MDM D9 STD 60	Metronomis distribution medium	3.77

Order Code	Full Product Name	Optic type outdoor	Upward light output ratio
910925868194	BDS660 LED40/727 I MDV DF SRT C500 60	Metronomis distribution vertical	3.86
910925868203	BDS660 LED80/730 II MDW SRT C500 60	Metronomis distribution wide	3.62

### Operating and Electrical

Order Code	Full Product Name	Power Consumption
910925868155	BDS660 LED20-4S/740 I MDM D9 STD 60	13 W
910925868165	BDS660 LED80-4S/740 I MDM D9 STD 60	46.5 W

Order Code	Full Product Name	Power Consumption
910925868194	BDS660 LED40/727 I MDV DF SRT C500 60	30.5 W
910925868203	BDS660 LED80/730 II MDW SRT C500 60	51 W

### Polar Wide Diagrams

Polar Normal (separate) - BDS650I - 910925868203

Polar Normal (separate) - BDS650I - 910925868155

Polar Normal (separate) - BDS650I - 910925868194

## Metronomis LED Sharp

### Polar Wide Diagrams

Polar Normal (separate) - BDS650I -  
910925868165

