Metronomis LED – a play of light and shadow

Metronomis LED Sharp

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 optimising 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 aluminium and wooden masts – heights of 3.5 and 4 meters – enhance the pure, simplified style of the luminaires

Metronomis LED Sharp

Application

· City centres and squares
· Commercial and business centres
· Residential and architectural areas

Dimensional drawing

Product details

OPDP_BDS650i_0001-Detail photo

OPDP_BDS650i_0003-Detail photo

OPDP_BDS650i_0023-Detail photo

OPDP_BDS650i_0025-Detail photo

Metronomis LED Sharp

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
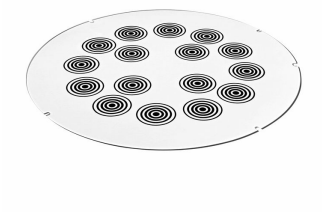

OPDP_BDS650i_0037-Detail photo

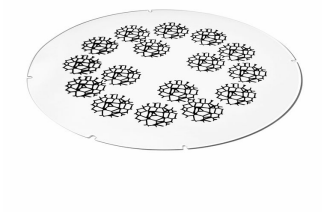**OPDP_BDS650i_0039-Detail photo**

OPDP_BDS650i_0041-Detail photo

Metronomis LED Sharp

Metronomis LED Sharp
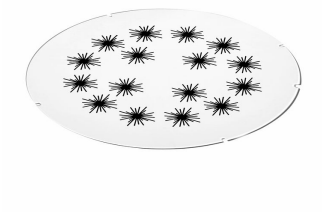
Product details

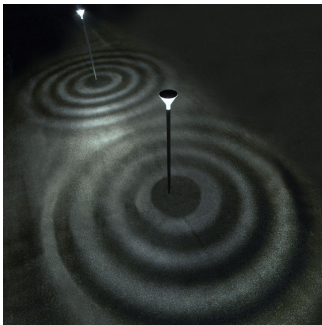**OPDP_BDS650i_0045-Detail photo**

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 Sharp

General Information

CE mark	Yes
Driver included	Yes
Flammability mark	–
Light source replaceable	Yes
Number of gear units	Unit
Product family code	BDS660

Light Technical

Optical cover type	Polycarbonate bowl/cover
Colour rendering index (CRI)	≥70
Standard tilt angle side entry	–
Standard tilt angle post-top	–

Controls and Dimming

Dimmable	Yes

Mechanical and Housing

Housing Colour	Grey

Approval and Application

Mech. impact protection code	IK10
Ingress protection code	IP66
Surge Protection (Common/ Differential)	Surge protection level up to 10 kV

Application Conditions

Maximum dim level	Programmable

General Information

Order Code	Full Product Name	Lamp family code
19960600	BDS660 LED80-4S/740 I MDM D9 STD 60	LED80
19989700	BDS660 LED40/727 I MDV DF SRT C500 60	LED40

Light Technical (1/2)

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Correlated Colour Temperature	Luminous Flux
19960600	BDS660 LED80-4S/740 I MDM D9 STD 60	48° x 66°	740 neutral white	4000 K	6,800 lm

Order Code	Full Product Name	Luminaire light beam spread	Light source colour	Correlated Colour Temperature	Luminous Flux
19989700	BDS660 LED40/727 I MDV DF SRT C500 60	60° x 50°	727 warm white	2700 K	3,200 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor	Upwards light output ratio
19960600	BDS660 LED80-4S/740 I MDM D9 STD 60	Metronomis distribution medium	3.77

Order Code	Full Product Name	Optic type outdoor	Upwards light output ratio
19989700	BDS660 LED40/727 I MDV DF SRT C500 60	Metronomis distribution vertical	3.86

Operating and Electrical

Order Code	Full Product Name	Power Consumption
19960600	BDS660 LED80-4S/740 I MDM D9 STD 60	46.5 W

Order Code	Full Product Name	Power Consumption
19989700	BDS660 LED40/727 I MDV DF SRT C500 60	30.5 W

Polar Wide Diagrams

Polar Normal (separate) – BDS650I – 910925868194

Polar Normal (separate) – BDS650I – 910925868165

www.lighting.philips.com

2023, August 2 – data subject to change