



Metronomis LED Torch

BDS650 LED20/727 PSD II MDS D9 60

Metronomis LED - LED Module 2000 lm - LED - 727 warm white
- Power supply unit with DALI interface - 220 to 240 V - 50 to 60 Hz - Safety class II - Metronomis distribution symmetrical - Polycarbonate bowl/cover - Gray - Surge protection level until 10 kV - - - Spigot for diameter 60 mm

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.

Product data

Metronomis LED Torch

General information	
Lamp family code	LED20 [LED Module 2000 lm]
Light source color	727 warm white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	17°
Control interface	DALI
Connection	Screw connector
Cable	-
Protection class IEC	Safety class II
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Metronomis distribution symmetrical
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB of 16 A type B	26
EU RoHS compliant	Yes
Light source engine type	LED
Service tag	Yes
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BDS650 [Metronomis LED]
Light technical	
Upward light output ratio	1.1
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Operating and electrical	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Inrush current	21 A
Inrush time	0.225 ms
Power Factor (Min)	0.94
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate

Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Spigot for diameter 60 mm
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall height	1060 mm
Overall diameter	330 mm
Effective projected area	0.274 m ²
Color	Gray
Dimensions (Height x Width x Depth)	1060 x NaN x NaN mm

Approval and application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Surge protection level until 10 kV
Sustainability rating	-

Initial performance (IEC compliant)

Initial luminous flux (system flux)	1680 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	112 lm/W
Init. Corr. Color Temperature	2700 K
Init. Color Rendering Index	≥70
Initial chromaticity	(0.4577, 0.4098) SDCM <5
Initial input power	15 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over time performance (IEC compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L98

Application conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dim level	Programmable

Product data

Full product code	871951419985900
Order product name	BDS650 LED20/727 PSD II MDS D9 60
EAN/UPC - Product	8719514199859
Order code	910925868190
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925868190
Net Weight (Piece)	11.568 kg



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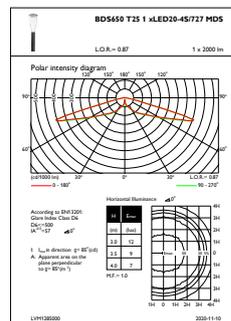
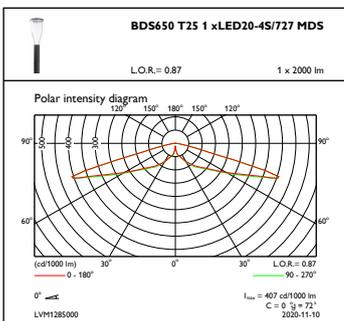
Dimensional drawing



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Photometric data



OFPC1_BDS650T251xLED20-4S727MDS

OFPL1_BDS650T251xLED20-4S727MDS

