



Metronomis LED Torch

BDS651 GRN15-3S/830 PSU II MDS DF C450 6

Metronomis LED, LED GreenLine 1500 lm, Power supply unit (On/Off), Metronomis distribution symmetrical

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

General Information		
Lamp family code	family code GRN15 [LED GreenLine 1500 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	

Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen

Datasheet, 2023, December 5 data subject to change

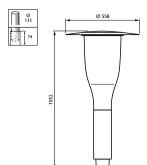
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	maintenance between B50 and for example	Constant light output
	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value. * At	Mechanical and Housing
	extreme ambient temperatures the luminaire	Housing Material
	might automatically dim down to protect	Reflector material
	components	Optic material
Light source engine type	LED	Optical cover material
Product family code	BDS651 [Metronomis LED]	Fixation material
Lighting Technology	LED	Housing Color
Value ladder	Specification	
Embedded control		Mounting device
CE mark	Yes	Optical cover shape
Warranty period	5 years	Optical cover finish
	J years	Overall height
Flammability mark	ENEC manufa	Overall diameter
ENEC mark	ENEC mark	Effective projected area
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	Yes	Approval and Application
		Ingress protection code
Light Technical		Mech. impact protection code
Standard deviation color matching	5	Surge Protection (Common/Diffe
Upward light output ratio	5	Protection class IEC
Luminous Flux	1,199 lm	
Standard tilt angle posttop	-	Initial Performance (IEC Co
Standard tilt angle side entry	-	Luminous flux tolerance
Correlated Color Temperature (Nom)	3000 K	Initial chromaticity
Luminous Efficacy (rated) (Nom)	71 lm/W	Power consumption tolerance
Color rendering index (CRI)	>80	Init. Color Rendering Index Toler
Number of light sources	1	
Light source color	830 warm white	Over Time Performance (IE
Optical cover type	Polycarbonate bowl/cover	Control gear failure rate at medi
Luminaire light beam spread	64°	life 100000 h
Optic type outdoor	Metronomis distribution symmetrical	Lumen maintenance at median (
		life* 100000 h
Operating and Electrical		
Input Voltage	220 to 240 V	Application Conditions
Line Frequency	50 to 60 Hz	Performance ambient temperate
Inrush current	22 A	
Inrush time	0.29 ms	Product Data
Power Consumption	12.8 W	Order product name
Power Factor (Fraction)	0.92	oraci product name
Connection	Screw connector	Full product name
Cable	Cable 0.45 m without plug	rate product name
Number of products on MCB of 16 A type		Full product code
B	20	
<u>-</u>		Order code
		Material Nr. (12NC)
Tomporaturo		Numerator - Quantity Per Pack
	40.450.85	
-	-40 to +50 °C	EAN/UPC - Product/Case
Ambient temperature range	-40 to +50 °C	
Ambient temperature range	-40 to +50 °C	EAN/UPC - Product/Case
Temperature Ambient temperature range Controls and Dimming Dimmable	-40 to +50 °C	EAN/UPC - Product/Case Numerator - Packs per outer box

Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 60 mm
Optical cover shape	-
Optical cover finish	-
Overall height	990 mm
Overall diameter	560 mm
Effective projected area	0.4396 m²
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)	Philips standard surge protection level
Protection class IEC	Safety class II
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.430, 0.300) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BDS651 GRN15-3S/830 PSU II MDS DF C450
	6
Full product name	BDS651 GRN15-3S/830 PSU II MDS DF C450
	6
Full product code	871829188536800
Order code	910925438009
Material Nr. (12NC)	910925438009
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291885368
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291885368

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Dimensional drawing





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