



Metronomis LED Torch

BDS650 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	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 luman

Datasheet, 2023, December 5 data subject to change

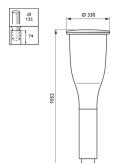
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	maintenance between B50 and for example	Constant li
	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value. * At	Mechanic
	extreme ambient temperatures the luminaire	Housing Ma
	might automatically dim down to protect	Reflector m
	components	Optic mate
Light source engine type	LED	Optical cov
Product family code	BDS650 [Metronomis LED]	Fixation m
Lighting Technology	LED	Housing Co
Value ladder	Specification	Mounting
Embedded control	-	Optical co
CE mark	Yes	Optical co
Warranty period	5 years	Overall hei
Flammability mark	-	Overall dia
ENEC mark	ENEC mark	Effective p
Glow-wire test	Temperature 650 °C, duration 5 s	Enective p
EU RoHS compliant	Yes	Approval
Light Technical		Ingress pro
Standard deviation color matching	5	Mech. imp
	<u> </u>	Surge Prot
Upward light output ratio	1100 liv	Protection
Luminous Flux	1,199 lm	
Standard tilt angle posttop		Initial Pe
Standard tilt angle side entry	-	Luminous
Correlated Color Temperature (Nom)	3000 K	Initial chro
Luminous Efficacy (rated) (Nom)	71 lm/W	Power con
Color rendering index (CRI)	>80	Init. Color
Number of light sources	1	
Light source color	830 warm white	Over Tim
Optical cover type	Polycarbonate bowl/cover	Control ge
Luminaire light beam spread	64°	life 10000
Optic type outdoor	Metronomis distribution symmetrical	Lumen ma
		life* 10000
Operating and Electrical		
Input Voltage	220 to 240 V	Applicati
Line Frequency	50 to 60 Hz	Performan
		-
Inrush current	22 A	
	0.29 ms	Product I
Inrush time		
Inrush time Power Consumption	0.29 ms	
Inrush time Power Consumption Power Factor (Fraction)	0.29 ms 12.8 W	Order prod
Inrush time Power Consumption Power Factor (Fraction) Connection	0.29 ms 12.8 W 0.92	Order prod
Inrush time Power Consumption Power Factor (Fraction) Connection	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug	Order produ
Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug	Full produ
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug	Full produ
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug	Full produ Full produ Order code Material N
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug 20	Full produ Full produ Order code Material N
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug	Full produ Full produ Order code Material N Numerator
Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug 20	Full produ Full produ Order code Material N Numerator EAN/UPC
Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range Controls and Dimming Dimmable	0.29 ms 12.8 W 0.92 Screw connector Cable 0.45 m without plug 20	Full product I Full product Full product Order code Material N Numerator EAN/UPC

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	330 mm
Effective projected area	0.274 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 Compli	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 °C
Product Data	
Order product name	BDS650 GRN15-3S/830 PSU II MDS DF C450
	6
Full product name	BDS650 GRN15-3S/830 PSU II MDS DF C450
	6
Full product code	871829188533700
Order code	910925438006
Material Nr. (12NC)	910925438006
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291885337
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291885337

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Dimensional drawing





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