



Metronomis LED Torch

BDS651 GRN50-3S/740 PSR I MDS D9 60

Metronomis LED, LED GreenLine 5000 lm, LED, 740 neutral white, Power supply unit with DALI interface, 220 to 240 V, 50 to 60 Hz, Safety class I, Metronomis distribution symmetrical, Polycarbonate bowl/cover, Grey, Philips standard surge protection level, 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

Datasheet, 2023, December 5 data subject to change

Metronomis LED Torch

General Information		Temperature
Lamp family code	GRN50 [LED GreenLine 5000 lm]	Ambient temperature range
Light source replaceable	Yes	
Number of gear units	1 unit	Controls and Dimming
Driver included	Yes	Dimmable
Remarks	*-Per Lighting Europe guidance paper	Driver/power unit/transform
	"Evaluating performance of LED based	Control interface
	luminaires - January 2018": statistically there	Constant light output
	is no relevant difference in lumen	
	maintenance between B50 and for example	Mechanical and Housing
	B10. Therefore, the median useful life (B50)	Housing Material
	value also represents the B10 value. * At	Reflector material
	extreme ambient temperatures the luminaire	Optic material
Hala and a second	might automatically dim down to protect	Optical cover material
	components	Fixation material
Light source engine type		Housing Color
Product family code	BDS651 [Metronomis LED] LED	Mounting device
Lighting Technology		Optical cover shape
Value ladder	Specification	Optical cover finish
Embedded control	- -	Overall height
CE mark	Yes	Overall diameter
Warranty period	5 years	Effective projected area
Flammability mark	-	
ENEC mark	ENEC mark	Approval and Applicatio
EU RoHS compliant	Yes	Ingress protection code
		Mech. impact protection cod
Light Technical		Surge Protection (Common/
Upward light output ratio	5	Protection class IEC
Luminous Flux	5,197 lm	
Standard tilt angle posttop	-	Initial Performance (IEC
Standard tilt angle side entry		Luminous flux tolerance
Correlated Color Temperature (Nom)	4000 K	Initial chromaticity
Luminous Efficacy (rated) (Nom)	167 lm/W	Power consumption tolerand
Color rendering index (CRI)	>70	Init. Color Rendering Index T
Light source color	740 neutral white	
Optical cover type	Polycarbonate bowl/cover	Over Time Performance
Luminaire light beam spread	17°	Control gear failure rate at n
Optic type outdoor	Metronomis distribution symmetrical	life 100000 h
		Lumen maintenance at med
Operating and Electrical		life* 100000 h
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	Application Conditions
Inrush current	46 A	Performance ambient tempe
Inrush time	0.25 ms	Maximum dim level
Power Consumption	34.5 W	
Power Factor (Fraction)	0.96	Product Data
Connection	Screw connector	Order product name
Cable	-	Full product name
Number of products on MCB of 16 A type	11	Full product code
В		Order code
		Material Nr. (12NC)

Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
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	1,060 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 I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) 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 ℃
Maximum dim level	0% (digital)
Product Data	
Order product name	BDS651 GRN50-3S/740 PSR I MDS D9 60
Full product name	BDS651 GRN50-3S/740 PSR I MDS D9 60
Full product code	871869634755300
Order code	910925863344
Material Nr. (12NC)	910925863344
Numerator - Quantity Per Pack	1

Metronomis LED Torch

EAN/UPC - Product/Case	8718696347553
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696347553



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