



Metronomis LED Torch

BDS650 GRN40-3S/830 PSR-CLO II MDS 60

Metronomis LED, LED GreenLine 4000 lm, Power supply unit regulating with constant light output, Metronomis distribution symmetrical, Spigot for diameter 60 mm

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.

Product data

General Information	
Lamp family code	GRN40 [LED GreenLine 4000 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
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value. * At
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
light source engine type	LED
Product family code	BDS650 [Metronomis LED]

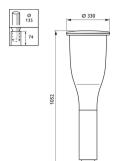
Datasheet, 2023, April 29 data subject to change

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Lighting Technology	LED	Mechanical and Housing	
Value ladder	Specification	Housing Material	Aluminum
Embedded control	-	Reflector material	Polycarbonate
CE mark	Yes	Optic material	Polycarbonate
Warranty period	5 years	Optical cover material	Polycarbonate
	J years	Fixation material	Aluminum
Flammability mark ENEC mark	ENEC mark	Housing Color	
Glow-wire test	Temperature 650 °C, duration 5 s	Mounting device	Spigot for diameter 60 mm
EU RoHS compliant	Yes	Optical cover shape	Spigot for diameter do film
EO ROFIS COMPITANT	res	Optical cover finish	
Light Technical		Overall height	990 mm
Standard deviation color matching	5	Overall diameter	330 mm
Upward light output ratio	5	Effective projected area	0.274 m²
Luminous Flux	3,489 lm	Effective projected area	0.274 111
Standard tilt angle posttop	-	Approval and Application	
Standard tilt angle side entry		Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Correlated Color Temperature (Nom)	3000 K	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Efficacy (rated) (Nom)	83 lm/W	Surge Protection (Common/Differential)	Philips standard surge protection level
Color rendering index (CRI)	>80	Protection class IEC	Safety class II
Number of light sources	1		
Light source color	830 warm white	Initial Performance (IEC Compliant)	
Optical cover type	Polycarbonate bowl/cover	Luminous flux tolerance	+/-7%
Luminaire light beam spread	17°	Initial chromaticity	(0.430, 0.300) SDCM <5
Optic type outdoor	Metronomis distribution symmetrical	Power consumption tolerance	+/-10%
		Init. Color Rendering Index Tolerance	+/-2
Operating and Electrical			
Input Voltage	220 to 240 V	Over Time Performance (IEC Compli	ant)
Line Frequency	50 to 60 Hz	Control gear failure rate at median useful	10 %
Initial CLO power consumption	28.08 W	life 100000 h	
Average CLO power consumption	32.04 W	Lumen maintenance at median useful life* L100	
End CLO power consumption	36 W	100000 h	
Inrush current	22 A		
Inrush time	0.29 ms	Application Conditions	
Power Consumption	36 W	Performance ambient temperature Tq	25 °C
Power Factor (Fraction)	0.99		
Connection	Screw connector	Product Data	
Cable	-	Order product name	BDS650 GRN40-3S/830 PSR-CLO II MDS
Number of products on MCB of 16 A type	20		60
В		Full product name	BDS650 GRN40-3S/830 PSR-CLO II MDS
			60
Temperature		Full product code	871829188543600
Ambient temperature range	-40 to +50 °C	Order code	88543600
		Material Nr. (12NC)	910925438016
Controls and Dimming		Numerator - Quantity Per Pack	1
Dimmable	No	EAN/UPC - Product/Case	8718291885436
Driver/power unit/transformer	Power supply unit regulating with constant	Numerator - Packs per outer box	1
	light output	EAN/UPC - Case	8718291885436
Constant light output	Yes		

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Dimensional drawing





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