



# **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

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	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	

Datasheet, 2023, December 5 data subject to change

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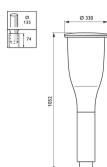
	luminaires - January 2018": statistically there	Temperature	
	is no relevant difference in lumen	Ambient temperature range	-40 to +50 °C
	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)	Controls and Dimming	
	value also represents the B10 value. * At	Dimmable	No
	extreme ambient temperatures the luminaire	Driver/power unit/transformer	Power supply unit regulating with constant
	might automatically dim down to protect		light output
	components	Constant light output	Yes
Light source engine type	LED		
Product family code	BDS650 [Metronomis LED]	Mechanical and Housing	
Lighting Technology	LED	Housing Material	Aluminum
Value ladder	Specification	Reflector material	Polycarbonate
Embedded control	-	Optic material	Polycarbonate
CE mark	Yes	Optical cover material	Polycarbonate
Warranty period	5 years	Fixation material	Aluminum
Flammability mark	-	Housing Color	Grey
ENEC mark	ENEC mark	Mounting device	Spigot for diameter 60 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover shape	-
EU RoHS compliant	Yes	Optical cover finish	-
		Overall height	990 mm
Light Technical		Overall diameter	330 mm
Standard deviation color matching	5	Effective projected area	0.274 m²
Upward light output ratio	5		
Luminous Flux	3,489 lm	Approval and Application	
Standard tilt angle posttop	-	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle side entry	-	Mech. impact protection code	IK10 [20 J vandal-resistant]
Correlated Color Temperature (Nom)	3000 K	Surge Protection (Common/Differential)	Philips standard surge protection level
Luminous Efficacy (rated) (Nom)	83 lm/W	Protection class IEC	Safety class II
Color rendering index (CRI)	>80		
Number of light sources	1	Initial Performance (IEC Compliant)	
Light source color	830 warm white	Luminous flux tolerance	+/-7%
Optical cover type	Polycarbonate bowl/cover	Initial chromaticity	(0.430, 0.300) SDCM <5
Luminaire light beam spread	17°	Power consumption tolerance	+/-10%
Optic type outdoor	Metronomis distribution symmetrical	Init. Color Rendering Index Tolerance	+/-2
Operating and Electrical		Over Time Performance (IEC Compli	iant)
Input Voltage	220 to 240 V	Control gear failure rate at median useful	10 %
Line Frequency	50 to 60 Hz	life 100000 h	
Initial CLO power consumption	28.08 W	Lumen maintenance at median useful life	* L100
Average CLO power consumption	32.04 W	100000 h	
End CLO power consumption	36 W		
Inrush current	22 A	Application Conditions	
Inrush time	0.29 ms	Performance ambient temperature Tq	25 °C
Power Consumption	36 W		
Power Factor (Fraction)	0.99	Product Data	
Connection	Screw connector	Order product name	BDS650 GRN40-3S/830 PSR-CLO II MDS
Cable	-		60
Number of products on MCB of 16 A type	20	Full product name	BDS650 GRN40-3S/830 PSR-CLO II MDS
В			60
		Full product code	871829188543600
		Order code	910925438016
		Material Nr. (12NC)	910925438016
		-	

## **Metronomis LED Torch**

Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291885436
Numerator - Packs per outer box	1

EAN/UPC - Case	8718291885436
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### Dimensional drawing





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