



# **Metronomis LED Fluid**

## BDS670 GRN15-3S/830 PSR-CLO I MDS DF D9

Metronomis LED, LED GreenLine 1500 lm, Power supply unit regulating with constant light output, 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 lumen
maintenance between B50 and for example

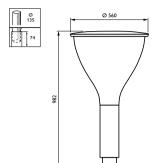
Datasheet, 2023, December 5 data subject to change

### **Metronomis LED Fluid**

	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value.	Housing Material	Aluminum
Light source engine type	LED	Reflector material	Polycarbonate
Product family code	BDS670 [Metronomis LED]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Specification	Fixation material	Aluminum
Embedded control	-	Housing Color	Grey
CE mark	Yes	Mounting device	Spigot for diameter 60 mm
Warranty period	5 years	Optical cover shape	-
Flammability mark	-	Optical cover finish	-
ENEC mark	ENEC mark	Overall height	990 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Overall diameter	560 mm
EU RoHS compliant	Yes	Effective projected area	0.4396 m²
Light Technical		Approval and Application	
Standard deviation color matching	5	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Upward light output ratio	5	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Flux	1,396 lm	Surge Protection (Common/Differential)	Philips standard surge protection level
Standard tilt angle posttop	-	Protection class IEC	Safety class I
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	3000 K	Initial Performance (IEC Compliant)	
Luminous Efficacy (rated) (Nom)	82 lm/W	Luminous flux tolerance	+/-7%
Color rendering index (CRI)	>80	Initial chromaticity	(0.430, 0.300) SDCM <5
Number of light sources	1	Power consumption tolerance	+/-10%
Light source color	830 warm white	Init. Color Rendering Index Tolerance	+/-2
Optical cover type	Polycarbonate bowl/cover		
Luminaire light beam spread	64°	Over Time Performance (IEC Compli	ant)
Optic type outdoor	Metronomis distribution symmetrical	Control gear failure rate at median useful	
O		life 100000 h	
Operating and Electrical	220 to 240 W	Lumen maintenance at median useful life*	LIOO
Input Voltage	220 to 240 V	100000 h	
Line Frequency	50 to 60 Hz	Application Conditions	
Initial CLO power consumption	9.984 W	Application Conditions	25.05
Average CLO power consumption	11.392 W	Performance ambient temperature Tq	25 °C
End CLO power consumption	12.8 W	Maximum dim level	0% (digital)
Inrush current	22 A		
Inrush time	0.29 ms	Product Data	
Power Consumption	12.8 W	Order product name	BDS670 GRN15-3S/830 PSR-CLO I MDS DF
Power Factor (Fraction)	0.92		D9
Connection	Screw connector	Full product name	BDS670 GRN15-3S/830 PSR-CLO I MDS DF
Cable	<u>-</u>		D9
Number of products on MCB of 16 A type	<b>B</b> 20	Full product code	871829189331800
		Order code	910925438097
Temperature		Material Nr. (12NC)	910925438097
Ambient temperature range	-40 to +50 °C	Numerator - Quantity Per Pack	1
		EAN/UPC - Product/Case	8718291893318
Controls and Dimming		Numerator - Packs per outer box	1
Dimmable	Yes	EAN/UPC - Case	8718291893318
Driver/power unit/transformer	Power supply unit regulating with constant		
	light output		
Control interface	DALI		

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#### Dimensional drawing





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