



# **Metronomis LED Fluid**

## **BDS670 GRN15-3S/830 PSR-CLO II MDM DIA 6**

Metronomis LED, LED GreenLine 1500 lm, Power supply unit regulating with constant light output, Metronomis distribution medium

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

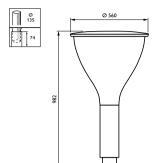
Datasheet, 2023, December 5 data subject to change

### **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 II
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	48° x 66°	Over Time Performance (IEC Compli	ant)
Optic type outdoor	Metronomis distribution medium	Control gear failure rate at median useful	10 %
		life 100000 h	
Operating and Electrical		Lumen maintenance at median useful life*	L100
Input Voltage	220 to 240 V	100000 h	
Line Frequency	50 to 60 Hz		
Initial CLO power consumption	9.984 W	Application Conditions	
Average CLO power consumption	11.392 W	Performance ambient temperature Tq	25 ℃
End CLO power consumption	12.8 W		
Inrush current	22 A	Product Data	
Inrush time	0.29 ms	Order product name	BDS670 GRN15-3S/830 PSR-CLO II MDM
Power Consumption	12.8 W		DIA 6
Power Factor (Fraction)	0.92	Full product name	BDS670 GRN15-3S/830 PSR-CLO II MDM
Connection	Screw connector		DIA 6
Cable	-	Full product code	871829189554100
Number of products on MCB of 16 A type	<b>B</b> 20	Order code	910925438120
		Material Nr. (12NC)	910925438120
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	-40 to +50 °C	EAN/UPC - Product/Case	8718291895541
		Numerator - Packs per outer box	1
Controls and Dimming		EAN/UPC - Case	8718291895541
Dimmable	No		
Driver/power unit/transformer	Power supply unit regulating with constant		
	light output		
Constant light output	Yes		

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#### Dimensional drawing





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