

# **Metronomis LED Fluid**

## BDS670 GRN15-3S/830 PSR-CLO II MDM 60

Metronomis LED, LED GreenLine 1500 lm, Power supply unit regulating with constant light output, Metronomis distribution medium, 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 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
B10. Therefore, the median useful life (B50)
value also represents the B10 value. \* At

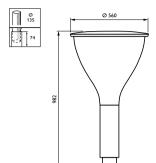
Datasheet, 2023, December 5 data subject to change

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	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		
Service tag	Yes	Mechanical and Housing	
Product family code	BDS670 [Metronomis LED]	Housing Material	Aluminum
Lighting Technology	LED	Reflector material	Polycarbonate
Value ladder	Specification	Optic material	Polycarbonate
Embedded control	-	Optical cover material	Polycarbonate
CE mark	Yes	Fixation material	Aluminum
Warranty period	5 years	Housing Color	Grey
Flammability mark	-	Mounting device	Spigot for diameter 60 mm
ENEC mark	ENEC mark	Optical cover shape	-
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish	-
EU RoHS compliant	Yes	Overall height	990 mm
		Overall diameter	560 mm
Light Technical		Effective projected area	0.4396 m²
Standard deviation color matching	5		
Upward light output ratio	5	Approval and Application	
Luminous Flux	1,396 lm	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle posttop	-	Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle side entry	-	Surge Protection (Common/Differential)	Philips standard surge protection level
Correlated Color Temperature (Nom)	3000 K	Protection class IEC	Safety class II
Luminous Efficacy (rated) (Nom)	82 lm/W	Trocection class IEC	Surety class II
Color rendering index (CRI)	>80	Initial Performance (IEC Compliant)	
Number of light sources	1	Luminous flux tolerance	1 / 70/
Light source color	830 warm white		+/-7% (0.430, 0.300) SDCM <5
Optical cover type	Polycarbonate bowl/cover	Initial chromaticity	<del></del>
Luminaire light beam spread	48° x 66°	Power consumption tolerance	+/-10%
	Metronomis distribution medium	Init. Color Rendering Index Tolerance	+/-2
Optic type outdoor	Metronomis distribution mediam	Over Time Devicements (IEC Compli	t\
Operating and Electrical		Over Time Performance (IEC Compli	<u> </u>
Operating and Electrical	2001.0101	Control gear failure rate at median useful	10 %
Input Voltage	220 to 240 V	life 100000 h	1100
Line Frequency	50 to 60 Hz	Lumen maintenance at median useful life*	LIOO
Initial CLO power consumption	9.984 W	100000 h	
Average CLO power consumption	11.392 W	A 11 11 6 111	
End CLO power consumption	12.8 W	Application Conditions	
Inrush current	22 A	Performance ambient temperature Tq	25 °C
Inrush time	0.29 ms		
Power Consumption	12.8 W	Product Data	
Power Factor (Fraction)	0.92	Order product name	BDS670 GRN15-3S/830 PSR-CLO II MDM 60
Connection	Screw connector	Full product name	BDS670 GRN15-3S/830 PSR-CLO II MDM 60
Cable		Full product code	871829188510800
Number of products on MCB of 16 A type	20	Order code	910925437982
В		Material Nr. (12NC)	910925437982
		Numerator - Quantity Per Pack	1
Temperature		EAN/UPC - Product/Case	8718291885108
Ambient temperature range	-40 to +50 °C	Numerator - Packs per outer box	1
		EAN/UPC - Case	8718291885108
Controls and Dimming			
Dimmable	No		

### **Metronomis LED Fluid**

#### Dimensional drawing





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