



# **Metronomis LED Fluid**

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

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

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

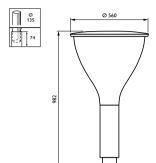
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	B10. Therefore, the median useful life (B50)	Constant light out
	value also represents the B10 value.	
Light source engine type	LED	Mechanical and
Product family code	BDS670 [Metronomis LED]	Housing Material
Lighting Technology	LED	Reflector material
Value ladder	Specification	Optic material
Embedded control	-	Optical cover mate
CE mark	Yes	Fixation material
Warranty period	5 years	Housing Color
Flammability mark	-	Mounting device
ENEC mark	ENEC mark	Optical cover shap
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover finish
EU RoHS compliant	Yes	Overall height
		Overall diameter
Light Technical		Effective projected
Standard deviation color matching	5	
Upward light output ratio	5	Approval and A
Luminous Flux	1,396 lm	Ingress protection
Standard tilt angle posttop	-	Mech. impact prot
Standard tilt angle side entry	-	Surge Protection (
Correlated Color Temperature (Nom)	3000 K	Protection class IE
Luminous Efficacy (rated) (Nom)	82 lm/W	
Color rendering index (CRI)	>80	Initial Performa
Number of light sources	1	Luminous flux tole
Light source color	830 warm white	Initial chromaticity
Optical cover type	Polycarbonate bowl/cover	Power consumption
Luminaire light beam spread	60° x 50°	Init. Color Renderi
Optic type outdoor	Metronomis distribution vertical	
		Over Time Perfo
Operating and Electrical		Control gear failur
Input Voltage	220 to 240 V	life 100000 h
Line Frequency	50 to 60 Hz	Lumen maintenan
Initial CLO power consumption	9.984 W	100000 h
Average CLO power consumption	11.392 W	
End CLO power consumption	12.8 W	Application Con
Inrush current	22 A	Performance ambi
Inrush time	0.29 ms	Maximum dim leve
Power Consumption	12.8 W	
Power Factor (Fraction)	0.92	Product Data
Connection	Screw connector	Order product nam
Cable	-	o. aci product ilali
Number of products on MCB of 16 A type	20	Full product name
B	20	
		Full product code
Temperature		Order code
Ambient temperature range	-40 to +50 °C	Material Nr. (12NC
		Numerator - Quan
Controls and Dimming		EAN/UPC - Produc
Dimmable	Yes	Numerator - Packs
Driver/power unit/transformer	Power supply unit regulating with constant	EAN/UPC - Case
	light output	

Constant light output	Yes
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 60 mm
Optical cover shape	-
Optical cover finish	-
Overall height	990 mm
Overall diameter	560 mm
Effective projected area	0.4396 m²
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class I
. 1010011011 01435120	
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.430, 0.300) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
	· -
Over Time Performance (IEC Complia	ant)
Control gear failure rate at median useful	<u> </u>
life 100000 h	
Lumen maintenance at median useful life*	L100
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Maximum dim level	0% (digital)
Product Data	
Order product name	BDS670 GRN15-3S/830 PSR-CLO I MDV DF
	D9
Full product name	BDS670 GRN15-3S/830 PSR-CLO I MDV DF
	D9
Full product code	871829188493400
Order code	910925437965
Material Nr. (12NC)	910925437965
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291884934
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291884934

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#### Dimensional drawing





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