# **PHILIPS** Lighting



# **Metronomis LED Fluid**

# BDS670 GRN50-3S/830 PSR-CLO II MDS 60

Metronomis LED, LED GreenLine 5000 lm, Power supply unit regulating with constant light output, Metronomis distribution symmetrical, Spigot for diameter 60 mm

Metronomis LED is the first post-top range in the world to offer a palette of environmental lighting effects to give projects a unique contextual or aesthetic touch. An innovative play of reflection, light and shadow creates an environmental pattern on the ground or on the bowl to create additional ambience. Four new iconic designs – with a visual and modular link to Metronomis I – are reduced to the essential elements. During the day, the discreet, transparent design blends into its context, be it contemporary or classical, while its night-time appearance is both functional and decorative. The flexible, modular Metronomis LED comes with a range of columns and a wide variety of optics and effects, enabling architects and lighting designers to create a unified, consistent lighting design that still reflects the differences in urban culture and history.

#### **Product data**

General Information	
Lamp family code	GRN50 [LED GreenLine 5000 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
	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BDS670 [Metronomis LED]
Lighting Technology	LED
Value ladder	Specification
Embedded control	-
CE mark	Yes

### **Metronomis LED Fluid**

Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Standard deviation color matching	5
Upward light output ratio	5
Luminous Flux	4,330 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	87 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	17°
Optic type outdoor	Metronomis distribution symmetrical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	30.576 W
Average CLO power consumption	34.888 W
End CLO power consumption	39.2 W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	39.2 W
Power Factor (Fraction)	0.96
Connection	Screw connector
Cable	
Number of products on MCB of 16 A type	11
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Constant light output	M

Yes

Aluminum

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 0.4396 m<sup>2</sup> Effective projected area **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 II Initial Performance (IEC Compliant) Luminous flux tolerance +/-7% Initial chromaticity (0.430, 0.300) SDCM <5 +/-10% Power consumption tolerance Init. Color Rendering Index Tolerance +/-2 Over Time Performance (IEC Compliant) Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful L100 life\* 100000 h **Application Conditions** Performance ambient temperature Tq 25 °C **Product Data** Order product name BDS670 GRN50-3S/830 PSR-CLO II MDS 60 Full product name BDS670 GRN50-3S/830 PSR-CLO II MDS 60 Full product code 871829188509200 Order code 88509200 910925437981 Material Nr. (12NC) Numerator - Quantity Per Pack 1 8718291885092 EAN/UPC - Product/Case Numerator - Packs per outer box 1 EAN/UPC - Case 8718291885092

Polycarbonate

Polycarbonate

**Reflector material** 

Optic material

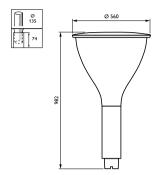
Constant light output

Housing Material

Mechanical and Housing

## **Metronomis LED Fluid**

#### Dimensional drawing





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