



Metronomis LED Fluid

BDS670 GRN20-3S/830 PSR-CLO II MDM 60

Metronomis LED, LED GreenLine 2000 lm, Power supply unit regulating with constant light output, Metronomis distribution medium, 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	GRN20 [LED GreenLine 2000 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

Datasheet, 2023, April 30 data subject to change

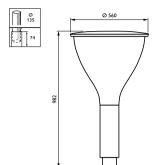
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Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Standard deviation color matching	5
Upward light output ratio	5
Luminous Flux	1,866 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	85 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	48° x 66°
Optic type outdoor	Metronomis distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	13.416 W
Average CLO power consumption	15.308 W
End CLO power consumption	17.2 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	17.2 W
Power Factor (Fraction)	0.95
Connection	Screw connector
Cable	Sciew connector
	-
Number of products on MCB of 16 A type B	20
В	
Tomporaturo	
Temperature	40 to 150 %
Ambient temperature range	-40 to +50 °C
Controls and Dimersians	
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	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 II
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	10 %
life 100000 h	
Lumen maintenance at median useful life*	L100
100000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 ℃
Performance ambient temperature Tq	25 °C
Performance ambient temperature Tq Product Data	
Performance ambient temperature Tq	BDS670 GRN20-3S/830 PSR-CLO II MDM
Performance ambient temperature Tq Product Data Order product name	BDS670 GRN20-3S/830 PSR-CLO II MDM 60
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Performance ambient temperature Tq Product Data Order product name Full product name Full product code	BDS670 GRN20-3S/830 PSR-CLO II MDM 60 BDS670 GRN20-3S/830 PSR-CLO II MDM 60 871829188511500
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Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	BDS670 GRN20-3S/830 PSR-CLO II MDM 60 BDS670 GRN20-3S/830 PSR-CLO II MDM 60 871829188511500 88511500 910925437983
Performance ambient temperature Tq Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	BDS670 GRN20-3S/830 PSR-CLO II MDM 60 BDS670 GRN20-3S/830 PSR-CLO II MDM 60 871829188511500 88511500 910925437983
Performance ambient temperature Tq Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	BDS670 GRN20-3S/830 PSR-CLO II MDM 60 BDS670 GRN20-3S/830 PSR-CLO II MDM 60 871829188511500 88511500 910925437983 1 8718291885115
Performance ambient temperature Tq Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	BDS670 GRN20-3S/830 PSR-CLO II MDM 60 BDS670 GRN20-3S/830 PSR-CLO II MDM 60 871829188511500 88511500 910925437983 1 8718291885115
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Dimensional drawing





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