



Metronomis LED Fluid

BDS670 GRN40-3S/830 PSR-CLO II MDM 60

Metronomis LED, LED GreenLine 4000 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	GRN40 [LED GreenLine 4000 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

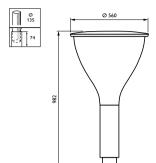
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	extreme ambient temperatures the luminaire	Constant light output
	might automatically dim down to protect	
	components	Mechanical and Housing
Light source engine type	LED	Housing Material
Product family code	BDS670 [Metronomis LED]	Reflector material
Lighting Technology	LED	Optic material
Value ladder	Specification	Optical cover material
Embedded control	-	Fixation material
CE mark	Yes	Housing Color
Warranty period	5 years	Mounting device
Flammability mark	-	Optical cover shape
ENEC mark	ENEC mark	Optical cover finish
Glow-wire test	Temperature 650 °C, duration 5 s	Overall height
EU RoHS compliant	Yes	Overall diameter
		Effective projected area
Light Technical		· · · · · · · · · · · · · · · · · · ·
Standard deviation color matching	5	Approval and Application
Upward light output ratio	5	Ingress protection code
Luminous Flux	3,597 lm	Mech. impact protection code
Standard tilt angle posttop	-	Surge Protection (Common/D
Standard tilt angle side entry		Protection class IEC
Correlated Color Temperature (Nom)	3000 K	Protection class IEC
Luminous Efficacy (rated) (Nom)	90 lm/W	Initial Performance (IEC C
Color rendering index (CRI)	>80	
Number of light sources	1	Luminous flux tolerance
		Initial chromaticity
Light source color	830 warm white	Power consumption tolerance
Optical cover type	Polycarbonate bowl/cover	Init. Color Rendering Index To
Luminaire light beam spread	48° x 66°	
Optic type outdoor	Metronomis distribution medium	Over Time Performance (
		Control gear failure rate at me
Operating and Electrical		life 100000 h
Input Voltage	220 to 240 V	Lumen maintenance at media
Line Frequency	50 to 60 Hz	100000 h
Initial CLO power consumption	28.08 W	
Average CLO power consumption	32.04 W	Application Conditions
End CLO power consumption	36 W	Performance ambient tempera
Inrush current	22 A	
Inrush time	0.29 ms	Product Data
Power Consumption	36 W	Order product name
Power Factor (Fraction)	0.99	
Connection	Screw connector	Full product name
Cable	-	
Number of products on MCB of 16 A type	20	Full product code
В		Order code
		Material Nr. (12NC)
Temperature		Numerator - Quantity Per Pac
Ambient temperature range	-40 to +50 °C	EAN/UPC - Product/Case
-		Numerator - Packs per outer k
Controls and Dimming		EAN/UPC - Case
Dimmable	No	·
Driver/power unit/transformer	Power supply unit regulating with constant	
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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	<u>-</u>
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 Compli	ant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L100
100000 h	
Application Conditions	
Performance ambient temperature Tq	25 °C
Product Data	
Order product name	BDS670 GRN40-3S/830 PSR-CLO II MDM
	60
Full product name	BDS670 GRN40-3S/830 PSR-CLO II MDM
	60
Full product code	871829188513900
Order code	910925437985
Material Nr. (12NC)	910925437985
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291885139
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291885139

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Dimensional drawing





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