



Metronomis LED Fluid

BDS670 GRN80-3S/740 PSR I MDS D9 76

Metronomis LED, LED GreenLine 8000 lm, Power supply unit with DALI interface, Metronomis distribution symmetrical, Spigot for diameter 76 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	GRN80 [LED GreenLine 8000 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

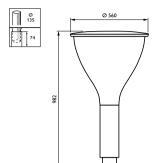
Datasheet, 2023, December 5 data subject to change

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	extreme ambient temperatures the luminaire	Mechanical and Housing	
	might automatically dim down to protect	Housing Material	Aluminum
	components	Reflector material	Polycarbonate
Light source engine type	LED	Optic material	Polycarbonate
Product family code	BDS670 [Metronomis LED]	Optical cover material	Polycarbonate
Lighting Technology	LED	Fixation material	Aluminum
Value ladder	Specification	Housing Color	Grey
Embedded control		Mounting device	Spigot for diameter 76 mm
CE mark	Yes	Optical cover shape	_
Warranty period	5 years	Optical cover finish	_
Flammability mark		Overall height	990 mm
ENEC mark	ENEC mark	Overall diameter	560 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Effective projected area	0.4396 m²
EU RoHS compliant	Yes		
		Approval and Application	
Light Technical		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard deviation color matching	5	Mech. impact protection code	IK10 [20 J vandal-resistant]
Upward light output ratio	5	Surge Protection (Common/Differential)	Philips standard surge protection level
Luminous Flux	6,965 lm	Protection class IEC	Safety class I
Standard tilt angle posttop	-		
Standard tilt angle side entry	-	Initial Performance (IEC Compliant)	
Correlated Color Temperature (Nom)	4000 K	Luminous flux tolerance	+/-7%
Luminous Efficacy (rated) (Nom)	98 lm/W	Initial chromaticity	(0.380, 0.380) SDCM <5
Color rendering index (CRI)	>70	Power consumption tolerance	+/-10%
Number of light sources	1	Init. Color Rendering Index Tolerance	+/-2
Light source color	740 neutral white		
Optical cover type	Polycarbonate bowl/cover	Over Time Performance (IEC Compliant)	
Luminaire light beam spread	17°	Control gear failure rate at median useful	
Optic type outdoor	Metronomis distribution symmetrical	life 100000 h	
		Lumen maintenance at median useful life	* L80
Operating and Electrical		100000 h	
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Application Conditions	
Inrush current	53 A	Performance ambient temperature Tg	25 ℃
Inrush time	0.3 ms	Maximum dim level	0% (digital)
Power Consumption	55 W		
Power Factor (Fraction)	0.96	Product Data	
Connection	Screw connector	Order product name	BDS670 GRN80-3S/740 PSR I MDS D9 76
Cable	-	Full product name	BDS670 GRN80-3S/740 PSR I MDS D9 76
Number of products on MCB of 16 A type		Full product code	871829188484200
B		Order code	910925437956
		Material Nr. (12NC)	910925437956
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	-40 to +50 °C	EAN/UPC - Product/Case	8718291884842
Ambient temperature range	-40 to 130 C	Numerator - Packs per outer box	1
Controls and Dimming			
Dimmable	Yes	EAN/UPC - Case	8718291884842
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI		
Constant light output	No		

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Dimensional drawing





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