



Metronomis LED Fluid

BDS670 GRN40-3S/740 PSR I MDS D9 76

Metronomis LED, LED GreenLine 4000 lm, Power supply unit with DALI interface, Metronomis distribution symmetrical, Spigot for diameter 76 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	GRN40 [LED GreenLine 4000 lm]	
Light source replaceable	Yes	
Number of gear units	Unit	
Driver included	Yes	
Photocell	-	
Remarks *- According to the Lighting Europe		
	paper 'Evaluating performance of LED based	
	luminaires — January 2018': statistically there	
	is no relevant difference in lumen	
	maintenance between the B50 and, for	

	example, the 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	-	

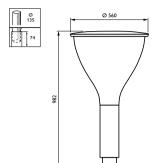
Datasheet, 2023, December 5 data subject to change

Metronomis LED Fluid

CE mark	Voc	Ontic material	Dolycarhonato
CE mark Warranty period	Yes	Optic material	Polycarbonate
Warranty period	5 years	Optical cover/lens material	Polycarbonate
Flammability mark	FNEC words	Fixation material	Aluminium
ENEC mark	ENEC mark	Housing Colour	Grey
Glow-wire test	Temperature 650 °C, duration 5 s	Mounting device	Spigot for diameter 76 mm
EU RoHS compliant	Yes	Optical cover/lens shape	-
		Optical cover/lens finish	-
Light Technical		Overall height	990 mm
Std deviation colour matching	5	Overall diameter	560 mm
Upwards light output ratio	5	Effective projected area	0.4396 m²
Luminous Flux	3,486 lm		
Standard tilt angle post-top		Approval and Application	
Standard tilt angle side entry		Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Correlated Colour Temperature	4000 K	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous efficacy (rated) (nom.)	100 lm/W	Surge Protection (Common/Differential)	Philips standard surge-protection level
Colour rendering index (CRI)	>70	Protection class IEC	Safety class I
Light source colour	740 neutral white		
Optical cover type	Polycarbonate bowl/cover	Initial Performance (IEC Compliant)	
Luminaire light beam spread	17°	Luminous flux tolerance	+/-7%
Optic type outdoor	Metronomis distribution symmetrical	Initial chromaticity	(0.380, 0.380) SDCM <5
		Power consumption tolerance	+/-10%
Operating and Electrical		Init. Color Rendering Index Tolerance	+/-2
Input Voltage	220 to 240 V		
Line Frequency	50 to 60 Hz	Over Time Performance (IEC Compli	ant)
Inrush current	22 A	Control gear failure rate at median useful	10 %
Inrush time	0.29 ms	life 100,000 h	
Power Consumption	32 W	Lumen maintenance at median useful life*	L80
Power Factor (Fraction)	0.98	100,000 h	
Connection	Screw connector		
Cable	-	Application Conditions	
Number of products on MCB of 16 A type	20	Performance ambient temperature Tq	25 ℃
В		Maximum dim level	0% (digital)
Temperature		Product Data	
Ambient temperature range	-40 to +50 °C	Order product name	BDS670 GRN40-3S/740 PSR I MDS D9 76
		Full product name	BDS670 GRN40-3S/740 PSR I MDS D9 76
Controls and Dimming		Full EOC	871829188487300
Dimmable	Yes	Order code	88487300
Driver/power unit/transformer	Power supply unit with DALI interface	Material no. (12 NC)	910925437959
Control interface	DALI	SAP numerator – quantity per pack	1
Constant light output	No	EAN/UPC — Product/Case	8718291884873
		Numerator – packs per outer box	1
Mechanical and Housing		EAN/UPC - Case	8718291884873
Housing material	Aluminium		

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Dimensional drawing





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