



Metronomis LED Fluid

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

Metronomis LED, LED GreenLine 4000 lm, Power supply unit with DALI interface, Metronomis distribution asymmetrical, 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	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

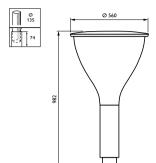
Datasheet, 2023, December 5 data subject to change

Metronomis LED Fluid

	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value.	Housing Material	Aluminum
Light source engine type	LED	Reflector material	Polycarbonate
Product family code	BDS670 [Metronomis LED]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Specification	Fixation material	Aluminum
Embedded control	-	Housing Color	Grey
CE mark	Yes	Mounting device	Spigot for diameter 76 mm
Warranty period	5 years	Optical cover shape	-
Flammability mark	-	Optical cover finish	-
ENEC mark	ENEC mark	Overall height	990 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Overall diameter	560 mm
EU RoHS compliant	Yes	Effective projected area	0.4396 m²
Light Technical		Approval and Application	
Standard deviation color matching	5	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Upward light output ratio	5	Mech. impact protection code	IK10 [20 J vandal-resistant]
Luminous Flux	3,486 lm	Surge Protection (Common/Differential)	Philips standard surge protection level
Standard tilt angle posttop	-	Protection class IEC	Safety class I
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K	Initial Performance (IEC Compliant)	
Luminous Efficacy (rated) (Nom)	100 lm/W	Luminous flux tolerance	+/-7%
Color rendering index (CRI)	>70	Initial chromaticity	(0.380, 0.380) SDCM <5
Number of light sources	1	Power consumption tolerance	+/-10%
Light source color	740 neutral white	Init. Color Rendering Index Tolerance	+/-2
Optical cover type	Polycarbonate bowl/cover		
Luminaire light beam spread	52° x 62°	Over Time Performance (IEC Compli	ant)
Optic type outdoor	Metronomis distribution asymmetrical	Control gear failure rate at median useful	
	·	life 100000 h	
Operating and Electrical	·	Lumen maintenance at median useful life*	L80
Input Voltage	220 to 240 V	100000 h	
Line Frequency	50 to 60 Hz		
Inrush current	22 A	Application Conditions	
Inrush time	0.29 ms	Performance ambient temperature Tq	25 °C
Power Consumption	32 W	Maximum dim level	0% (digital)
Power Factor (Fraction)	0.98		
Connection	Screw connector	Product Data	
Cable		Order product name	BDS670 GRN40-3S/740 PSR I MDA D9 76
Number of products on MCB of 16 A type	20	Full product name	BDS670 GRN40-3S/740 PSR I MDA D9 76
B	20	Full product code	871829188488000
		Order code	910925437960
Temperature	·	Material Nr. (12NC)	
Ambient temperature range	-40 to +50 °C		910925437960
Ambient temperature range	-40 to +30 C	Numerator - Quantity Per Pack	0710201004000
Controls and Dimming		EAN/UPC - Product/Case Numerator - Packs per outer box	8718291884880
Dimmable	Yes	EAN/UPC - Case	8718291884880
		LANY OF C - Case	0710231004000
Driver/power unit/transformer Control interface	Power supply unit with DALI interface		
Control interface Constant light output	DALI		
	No		

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Dimensional drawing





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