

Metronomis LED Fluid

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

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

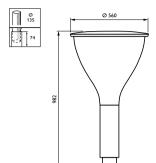
Datasheet, 2023, December 5 data subject to change

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	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value.		Aluminum
Light source engine type	LED	Housing Material Reflector material	
Product family code	BDS670 [Metronomis LED]	Optic material	Polycarbonate Polycarbonate
Lighting Technology	LED	<u> </u>	Polycarbonate
Value ladder	Specification	Optical cover material	
Embedded control	Specification	Fixation material	Aluminum
CE mark	Yes	Housing Color	Grey 75 mm
		Mounting device	Spigot for diameter 76 mm
Warranty period	5 years	Optical cover shape	-
Flammability mark ENEC mark	ENEC mark	Optical cover finish	-
Glow-wire test		Overall dispates	990 mm
	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	3,584 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)	102 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	48° x 66°	Over Time Performance (IEC Compli	ant)
Optic type outdoor	Metronomis distribution wide	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 MDW D9 76
Number of products on MCB of 16 A type	B 20	Full product name	BDS670 GRN40-3S/740 PSR I MDW D9 76
-		Full product code	871829188489700
Temperature		Order code	910925437961
Ambient temperature range	-40 to +50 °C	Material Nr. (12NC)	910925437961
		Numerator - Quantity Per Pack	1
Controls and Dimming		EAN/UPC - Product/Case	8718291884897
Dimmable	Yes	Numerator - Packs per outer box	1
Driver/power unit/transformer	Power supply unit with DALI interface	EAN/UPC - Case	8718291884897
Control interface	DALI		
Constant light output	No		

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Dimensional drawing





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