PHILIPS Lighting



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

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	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	
	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	-	
CE mark	Yes	

Metronomis LED Fluid

5 years
-
ENEC mark
Temperature 650 °C, duration 5 s
Yes
5
5
6,965 lm
-
-
4000 K
98 lm/W
>70
1
740 neutral white
Polycarbonate bowl/cover
17°
Metronomis distribution symmetrical

operating and Electricat	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	55 W
Power Factor (Fraction)	0.96
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type	8
В	

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

-40 to +50 °C

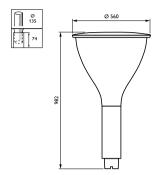
Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate

Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
Fixation material	Aluminum	
Housing Color	Grey	
Mounting device	Spigot for diameter 76 mm	
Optical cover shape	-	
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-proo	
Mech. impact protection code	IK10 [20 J vandal-resistant]	
Surge Protection (Common/Differential)	Philips standard surge protection level	
Protection class IEC	Safety class I	
Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-7%	
Initial chromaticity	(0.380, 0.380) 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*	L80	
100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Maximum dim level	0% (digital)	
Product Data		
Product Data		
Order product name	BDS670 GRN80-3S/740 PSR I MDS D9 76	
Full product name	BDS670 GRN80-3S/740 PSR I MDS D9 76	
Full product code	871829188484200	
Order code	88484200	
Material Nr. (12NC)	910925437956	
Numerator - Quantity Per Pack EAN/UPC - Product/Case	8718291884842	
	1	
Numerator - Packs per outer box EAN/UPC - Case	8718291884842	

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Dimensional drawing





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