



# **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	Unit
Driver included	Yes
Photocell	-
Remarks	*- According to the Lighting Europe guidance
	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

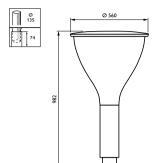
### **Metronomis LED Fluid**

CE mark	Yes
Varranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Std deviation colour matching	5
Upwards light output ratio	5
Luminous Flux	6,965 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	98 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	17°
Optic type outdoor	Metronomis distribution symmetrical
Operating and Electrical	
nput Voltage	220 to 240 V
ine Frequency	50 to 60 Hz
nrush current	53 A
nrush 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	-40 to +50 °C
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Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	Polycarbonate
	. organization

Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Spigot for diameter 76 mm
Optical cover/lens shape	-
Optical cover/lens 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-proof]
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
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Over Time Performance (IEC Compli	iant)
Over Time Performance (IEC Complication Control gear failure rate at median useful	iant)
Over Time Performance (IEC Complication Control gear failure rate at median useful life 100,000 h	iant) 10 %
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Over Time Performance (IEC Compli Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h	iant) 10 % L80
Over Time Performance (IEC Complication Conditions  Application Conditions  Performance ambient temperature Tq	iant) 10 % L80
Over Time Performance (IEC Compli Control gear failure rate at median useful life 100,000 h Lumen maintenance at median useful life* 100,000 h	iant) 10 % L80
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Over Time Performance (IEC Complication Control gear failure rate at median useful life 100,000 h  Lumen maintenance at median useful life* 100,000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	iant) 10 % L80 25 °C 0% (digital)
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### **Metronomis LED Fluid**

#### Dimensional drawing





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