

Metronomis LED Fluid

BDS670 GRN80-3S/740 PSR I MDM D9 60

Metronomis LED, LED GreenLine 8000 lm, LED, 740 neutral white, Power supply unit with DALI interface, 220 to 240 V, 50 to 60 Hz, Safety class I, Metronomis distribution medium, Polycarbonate bowl/cover, Grey, Philips standard surge protection level, Spigot for diameter 60 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]

Datasheet, 2023, April 29 data subject to change

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Lighting Technology	LED	Optic material
Value ladder	Specification	Optical cover material
Embedded control	-	Fixation material
CE mark	Yes	Housing Color
Warranty period	5 years	Mounting device
Flammability mark	-	Optical cover shape
ENEC mark	ENEC mark	Optical cover finish
EU RoHS compliant	Yes	Overall height
		Overall diameter
Light Technical		Effective projected area
Upward light output ratio	5	
Luminous Flux	8,554 lm	Approval and Application
Standard tilt angle posttop	-	Ingress protection code
Standard tilt angle side entry	-	Mech. impact protection code
Correlated Color Temperature (Nom)	4000 K	Surge Protection (Common/Diffe
Luminous Efficacy (rated) (Nom)	166 lm/W	Protection class IEC
Color rendering index (CRI)	>70	
Light source color	740 neutral white	Initial Performance (IEC Con
Optical cover type	Polycarbonate bowl/cover	Luminous flux tolerance
Luminaire light beam spread	48° x 66°	Initial chromaticity
Optic type outdoor	Metronomis distribution medium	Power consumption tolerance
		Init. Color Rendering Index Toler
Operating and Electrical		
Input Voltage	220 to 240 V	Over Time Performance (IEC
Line Frequency	50 to 60 Hz	Control gear failure rate at media
Inrush current	53 A	life 100000 h
Inrush time	0.3 ms	Lumen maintenance at median u
Power Consumption	55 W	life* 100000 h
Power Factor (Fraction)	0.96	
Connection	Screw connector	Application Conditions
Cable	-	Performance ambient temperatu
Number of products on MCB of 16 A type	8	Maximum dim level
В		
		Product Data
Temperature		Order product name
Ambient temperature range	-40 to +50 °C	Full product name
		Full product code
Controls and Dimming		Order code
Dimmable	Yes	Material Nr. (12NC)
Driver/power unit/transformer	Power supply unit with DALI interface	Numerator - Quantity Per Pack
Control interface	DALI	EAN/UPC - Product/Case
Constant light output	No	Numerator - Packs per outer box
		EAN/UPC - Case
Mechanical and Housing		<u> </u>
Housing Material	Aluminum	_
Reflector material	Polycarbonate	_
	•	_

Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 60 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-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
Over Time Performance (IEC Compl	iant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful	L80
life* 100000 h	
Application Conditions	
Application Conditions Performance ambient temperature Tq	25 °C
	25 °C 0% (digital)
Performance ambient temperature Tq	
Performance ambient temperature Tq	
Performance ambient temperature Tq Maximum dim level	
Performance ambient temperature Tq Maximum dim level Product Data	0% (digital)
Performance ambient temperature Tq Maximum dim level Product Data Order product name	0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code Order code	0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 34759100
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 34759100 910925863348
Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 34759100 910925863348 1

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