

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

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	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	

Datasheet, 2023, December 5 data subject to change

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	luminaires - January 2018": statistically there	Constant light output	No
	is no relevant difference in lumen		
	maintenance between B50 and for example	Mechanical and Housing	
	B10. Therefore, the median useful life (B50)	Housing Material	Aluminum
	value also represents the B10 value. * At	Reflector material	Polycarbonate
	extreme ambient temperatures the luminaire	Optic material	Polycarbonate
	might automatically dim down to protect	Optical cover material	Polycarbonate
	components	Fixation material	Aluminum
Light source engine type	LED	Housing Color	Grey
Product family code	BDS670 [Metronomis LED]	Mounting device	Spigot for diameter 60 mm
Lighting Technology	LED	Optical cover shape	-
Value ladder	Specification	Optical cover finish	-
Embedded control		Overall height	990 mm
CE mark	Yes	Overall diameter	560 mm
Warranty period	5 years	Effective projected area	0.4396 m²
Flammability mark			
ENEC mark	ENEC mark	Approval and Application	
EU RoHS compliant	Yes	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
		Mech. impact protection code	IK10 [20 J vandal-resistant]
Light Technical		Surge Protection (Common/Differential)	Philips standard surge protection level
Upward light output ratio	5	Protection class IEC	Safety class I
Luminous Flux	8,554 lm		
Standard tilt angle posttop	-	Initial Performance (IEC Compliant)	
Standard tilt angle side entry	-	Luminous flux tolerance	+/-7%
Correlated Color Temperature (Nom)	4000 K	Initial chromaticity	(0.380, 0.380) SDCM <5
Luminous Efficacy (rated) (Nom)	166 lm/W		· · · · · · · · · · · · · · · · · · ·
	100 till) **	Power consumption tolerance	+/-10%
Color rendering index (CRI)	>70	Power consumption tolerance Init. Color Rendering Index Tolerance	+/-10%
		Power consumption tolerance Init. Color Rendering Index Tolerance	+/-10% +/-2
Color rendering index (CRI)	>70	· · · · · · · · · · · · · · · · · · ·	+/-2
Color rendering index (CRI) Light source color	>70 740 neutral white	Init. Color Rendering Index Tolerance	+/-2
Color rendering index (CRI) Light source color Optical cover type	>70 740 neutral white Polycarbonate bowl/cover	Init. Color Rendering Index Tolerance Over Time Performance (IEC Compli	+/-2
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread	>70 740 neutral white Polycarbonate bowl/cover 48° x 66°	Init. Color Rendering Index Tolerance Over Time Performance (IEC Compliance) Control gear failure rate at median useful	+/-2
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread	>70 740 neutral white Polycarbonate bowl/cover 48° x 66°	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h	+/-2 iant)
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor	>70 740 neutral white Polycarbonate bowl/cover 48° x 66°	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	+/-2 iant)
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful	+/-2 iant)
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions	+/-2 siant) 10 % L80
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h	+/-2 iant) 10 % L80 25 °C
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq	+/-2 siant) 10 % L80
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms	Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level	+/-2 iant) 10 % L80 25 °C
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data	+/-2 iant) 10 % L80 25 °C 0% (digital)
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction)	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 910925863348
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC)	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 910925863348 910925863348
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 910925863348 910925863348
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector - 8	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 910925863348 910925863348 1 8718696347591
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector - 8	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case Numerator - Packs per outer box	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 910925863348 910925863348 1 8718696347591 1
Color rendering index (CRI) Light source color Optical cover type Luminaire light beam spread Optic type outdoor Operating and Electrical Input Voltage Line Frequency Inrush current Inrush time Power Consumption Power Factor (Fraction) Connection Cable Number of products on MCB of 16 A type B Temperature Ambient temperature range	>70 740 neutral white Polycarbonate bowl/cover 48° x 66° Metronomis distribution medium 220 to 240 V 50 to 60 Hz 53 A 0.3 ms 55 W 0.96 Screw connector - 8	Init. Color Rendering Index Tolerance Over Time Performance (IEC Complication Control gear failure rate at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Performance ambient temperature Tq Maximum dim level Product Data Order product name Full product name Full product code Order code Material Nr. (12NC) Numerator - Quantity Per Pack EAN/UPC - Product/Case	+/-2 iant) 10 % L80 25 °C 0% (digital) BDS670 GRN80-3S/740 PSR I MDM D9 60 BDS670 GRN80-3S/740 PSR I MDM D9 60 871869634759100 910925863348 910925863348 1 8718696347591
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