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]

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Lighting Technology	LED		**Optic material**	Polycarbonate
Value ladder	Specification		**Optical cover material**	Polycarbonate
Embedded control	–		**Fixation material**	Aluminum
CE mark	Yes		**Housing Color**	Grey
Warranty period	5 years		**Mounting device**	Spigot for diameter 60 mm
Flammability mark	–		**Optical cover shape**	–
ENEC mark	ENEC mark		**Optical cover finish**	–
EU RoHS compliant	Yes		**Overall height**	990 mm
			Overall diameter	560 mm
Light Technical			**Effective projected area**	0.4396 m²
Upward light output ratio	5			
Luminous Flux	8,554 lm		**Approval and Application**	
Standard tilt angle posttop	–		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle side entry	–		**Mech. impact protection code**	IK10 [20 J vandal-resistant]
Correlated Color Temperature (Nom)	4000 K		**Surge Protection (Common/Differential)**	Philips standard surge protection level
Luminous Efficacy (rated) (Nom)	166 lm/W		**Protection class IEC**	Safety class I
Color rendering index (CRI)	>70			
Light source color	740 neutral white		**Initial Performance (IEC Compliant)**	
Optical cover type	Polycarbonate bowl/cover		**Luminous flux tolerance**	+/–7%
Luminaire light beam spread	48° x 66°		**Initial chromaticity**	(0.380, 0.380) SDCM <5
Optic type outdoor	Metronomis distribution medium		**Power consumption tolerance**	+/–10%
			Init. Color Rendering Index Tolerance	+/–2
Operating and Electrical				
Input Voltage	220 to 240 V		**Over Time Performance (IEC Compliant)**	
Line Frequency	50 to 60 Hz		**Control gear failure rate at median useful life 100000 h**	10 %
Inrush current	53 A			
Inrush time	0.3 ms		**Lumen maintenance at median useful life* 100000 h**	L80
Power Consumption	55 W			
Power Factor (Fraction)	0.96			
Connection	Screw connector		**Application Conditions**	
Cable	–		**Performance ambient temperature Tq**	25 °C
Number of products on MCB of 16 A type B	8		**Maximum dim level**	0% (digital)
Temperature			**Product Data**	
Ambient temperature range	–40 to +50 °C		**Order product name**	BDS670 GRN80-3S/740 PSR I MDM D9 60
			Full product name	BDS670 GRN80-3S/740 PSR I MDM D9 60
Controls and Dimming			**Full product code**	871869634759100
Dimmable	Yes		**Order code**	34759100
Driver/power unit/transformer	Power supply unit with DALI interface		**Material Nr. (12NC)**	910925863348
Control interface	DALI		**Numerator – Quantity Per Pack**	1
Constant light output	No		**EAN/UPC – Product/Case**	8718696347591
			Numerator – Packs per outer box	1
Mechanical and Housing			**EAN/UPC – Case**	8718696347591
Housing Material	Aluminum			
Reflector material	Polycarbonate			