Metronomis LED Sharp

BDS660 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)

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	value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components	**Mechanical and Housing**	
		Housing Material	Aluminum
Light source engine type	LED	Reflector material	Polycarbonate
Product family code	BDS660 [Metronomis LED]	Optic material	Polycarbonate
Lighting Technology	LED	Optical cover material	Polycarbonate
Value ladder	Specification	Fixation material	Aluminum
Embedded control	–	Housing Color	Grey
CE mark	Yes	Mounting device	Spigot for diameter 60 mm
Warranty period	5 years	Optical cover shape	–
Flammability mark	–	Optical cover finish	–
ENEC mark	ENEC mark	Overall height	990 mm
EU RoHS compliant	Yes	Overall diameter	560 mm
		Effective projected area	0.4396 m²

Light Technical		**Approval and Application**	
Upward light output ratio	5	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Luminous Flux	8,554 lm	Mech. impact protection code	IK10 [20 J vandal-resistant]
Standard tilt angle posttop	–	Surge Protection (Common/Differential)	Philips standard surge protection level
Standard tilt angle side entry	–	Protection class IEC	Safety class I
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	166 lm/W	**Initial Performance (IEC Compliant)**	
Color rendering index (CRI)	>70	Luminous flux tolerance	+/-7%
Light source color	740 neutral white	Initial chromaticity	(0.380, 0.380) SDCM <5
Optical cover type	Polycarbonate bowl/cover	Power consumption tolerance	+/-10%
Luminaire light beam spread	48° x 66°	Init. Color Rendering Index Tolerance	+/-2
Optic type outdoor	Metronomis distribution medium		

Operating and Electrical		**Over Time Performance (IEC Compliant)**	
Input Voltage	220 to 240 V	Control gear failure rate at median useful life 100000 h	10 %
Line Frequency	50 to 60 Hz		
Inrush current	53 A	Lumen maintenance at median useful life* 100000 h	L80
Inrush time	0.3 ms		
Power Consumption	55 W		
Power Factor (Fraction)	0.96	**Application Conditions**	
Connection	Screw connector	Performance ambient temperature Tq	25 °C
Cable	–	Maximum dim level	0% (digital)
Number of products on MCB of 16 A type B	8		

Temperature		**Product Data**	
Ambient temperature range	–40 to +50 °C	Order product name	BDS660 GRN80-3S/740 PSR I MDM D9 60
		Full product name	BDS660 GRN80-3S/740 PSR I MDM D9 60
Controls and Dimming		Full product code	871869634757700
Dimmable	Yes	Order code	34757700
Driver/power unit/transformer	Power supply unit with DALI interface	Material Nr. (12NC)	910925863346
Control interface	DALI	Numerator – Quantity Per Pack	1
Constant light output	No	EAN/UPC – Product/Case	8718696347577
		Numerator – Packs per outer box	1
		EAN/UPC – Case	8718696347577