



Metronomis LED Sharp

BDS660 GRN80-3S/740 PSU II MDW C450 60

Metronomis LED, LED GreenLine 8000 lm, Power supply unit (On/Off), Metronomis distribution wide, 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	

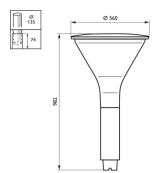
Datasheet, 2023, December 5 data subject to change

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	luminaires - January 2018": statistically there	Driver/power unit/transformer	Power supply unit (On/Off)
	is no relevant difference in lumen	Constant light output	No
	maintenance between B50 and for example		
	B10. Therefore, the median useful life (B50)	Mechanical and Housing	
	value also represents the B10 value. * At	Housing Material	Aluminum
	extreme ambient temperatures the luminaire	Reflector material	Polycarbonate
	might automatically dim down to protect	Optic material	Polycarbonate
	components	Optical cover material	Polycarbonate
Light source engine type	LED	Fixation material	Aluminum
Product family code	BDS660 [Metronomis LED]	Housing Color	Grey
Lighting Technology	LED	Mounting device	Spigot for diameter 60 mm
Value ladder	Specification	Optical cover shape	-
Embedded control		Optical cover finish	-
CE mark	Yes	Overall height	990 mm
Warranty period	5 years	Overall diameter	560 mm
Flammability mark		Effective projected area	0.4396 m²
ENEC mark	ENEC mark		
Glow-wire test	Temperature 650 °C, duration 5 s	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
Standard deviation color matching	5	Protection class IEC	Safety class II
Upward light output ratio	5		
Luminous Flux	7,241 lm	Initial Performance (IEC Compliant)	
Standard tilt angle posttop	-	Luminous flux tolerance	+/-7%
Standard tilt angle side entry	-	Initial chromaticity	(0.380, 0.380) SDCM <5
Correlated Color Temperature (Nom)	4000 K	Power consumption tolerance	+/-10%
Luminous Efficacy (rated) (Nom)	102 lm/W	Init. Color Rendering Index Tolerance	+/-2
Color rendering index (CRI)	>70		
Number of light sources	1	Over Time Performance (IEC Compl	iant)
Light source color	740 neutral white	Control gear failure rate at median useful	<u> </u>
Optical cover type	Polycarbonate bowl/cover	life 100000 h	
Luminaire light beam spread	48° x 66°	Lumen maintenance at median useful	L80
Optic type outdoor	Metronomis distribution wide	life* 100000 h	
Operating and Electrical		Application Conditions	
Input Voltage	220 to 240 V	Performance ambient temperature Tq	25 °C
Line Frequency	50 to 60 Hz		
Inrush current	53 A	Product Data	
Inrush time	0.3 ms	Order product name	BDS660 GRN80-3S/740 PSU II MDW C450
Power Consumption	55 W		60
Power Factor (Fraction)	0.96	Full product name	BDS660 GRN80-3S/740 PSU II MDW C450
Connection	Screw connector		60
Cable	Cable 0.45 m without plug	Full product code	871829188472900
Number of products on MCB of 16 A type		Order code	910925437944
В		Material Nr. (12NC)	910925437944
		Numerator - Quantity Per Pack	1
Temperature		EAN/UPC - Product/Case	8718291884729
Ambient temperature range	-40 to +50 °C	Numerator - Packs per outer box	1
			8718291884729
Controls and Dimming		EAN/UPC - Case	0710231004723
Dimmable	No		

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Dimensional drawing





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