PHILIPS Lighting



Metronomis LED Sharp

BDS660 GRN80-3S/740 PSR II MDM DDF1 C450

Metronomis LED, LED GreenLine 8000 lm, Power supply unit with DynaDimmer, Metronomis distribution medium, DynaDimmer with fixed presets version 1

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 1 unit Number of gear units 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	BDS660 [Metronomis LED]

Metronomis LED Sharp

Lighting Technology	LED
Value ladder	Specification
Embedded control	DynaDimmer with fixed presets version 1
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	Yes
Light Technical	
Standard deviation color matching	5
Upward light output ratio	5
Luminous Flux	7,241 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	102 lm/W
Color rendering index (CRI)	>70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	48° x 66°
Optic type outdoor	Metronomis distribution medium
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	55 W
Power Factor (Fraction)	0.96
Connection	Screw connector
Cable	Cable 0.45 m without plug
Number of products on MCB of 16 A type B	8

Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	-
Constant light output	No

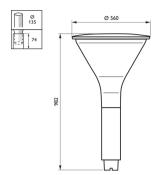
Aluminum

Housing Material

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 II	
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 Compliant)		
Control gear failure rate at median useful	10 %	
life 100000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	50%	
Product Data		
Order product name	BDS660 GRN80-3S/740 PSR II MDM DDF1	
	C450	
Full product name	BDS660 GRN80-3S/740 PSR II MDM DDF1	
	C450	
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Full product code	,	
Order code	88474300	
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Order code		
Order code Material Nr. (12NC)	910925437946	
Order code Material Nr. (12NC) Numerator - Quantity Per Pack	910925437946 1	

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Dimensional drawing





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