



# Metronomis LED Sharp

### BDS660 GRN80-3S/740 PSR I MDW D9 76

Metronomis LED, LED GreenLine 8000 lm, Power supply unit with DALI interface, Metronomis distribution wide, Spigot for diameter 76 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	Unit
Driver included	Yes
Photocell	-
Remarks	*- According to the Lighting Europe
	guidance paper 'Evaluating performance of
	LED based luminaires – January 2018':

	statistically there is no relevant difference in	
	lumen maintenance between the B50 and,	
	for example, the B10. Therefore, the median	
	useful life (B50) value also represents the	
	B10 value.	
Light source engine type	LED	
Product family code	BDS660 [Metronomis LED]	
Lighting Technology	LED	
Value ladder	Specification	

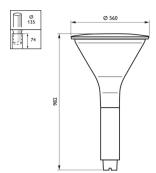
Datasheet, 2023, December 5 data subject to change

# **Metronomis LED Sharp**

Fash added control		Ontic metavial	Delveenhamete
Embedded control		Optical cover/less material	Polycarbonate
CE mark	Yes	Optical cover/lens material	Polycarbonate
Warranty period	5 years	Fixation material	Aluminium
Flammability mark	-	Housing Colour	Grey
ENEC mark	ENEC mark	Mounting device	Spigot for diameter 76 mm
Glow-wire test	Temperature 650 °C, duration 5 s	Optical cover/lens shape	-
EU RoHS compliant	Yes	Optical cover/lens finish	-
		Overall height	990 mm
Light Technical		Overall diameter	560 mm
Std deviation colour matching	5	Effective projected area	0.4396 m²
Upwards light output ratio	5		
Luminous Flux	7,241 lm	Approval and Application	
Standard tilt angle post-top	_	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
Standard tilt angle side entry	_	Mech. impact protection code	IK10 [20 J vandal-resistant]
Correlated Colour Temperature	4000 K	Surge Protection (Common/Differential)	Philips standard surge-protection level
Luminous efficacy (rated) (nom.)	102 lm/W	Protection class IEC	Safety class I
Colour rendering index (CRI)	>70		
Light source colour	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 wide	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	10 %
Inrush current	53 A	life 100,000 h	
Inrush time	0.3 ms	Lumen maintenance at median useful life	* L80
Power Consumption	55 W	100,000 h	
Power Factor (Fraction)	0.96		
Connection	Screw connector	Application Conditions	
Cable	-	Performance ambient temperature Tq	25 ℃
Number of products on MCB of 16 A type	8	Maximum dim level	0% (digital)
В			
		Product Data	
Temperature		Order product name	BDS660 GRN80-3S/740 PSR I MDW D9 76
Ambient temperature range	-40 to +50 °C	Full product name	BDS660 GRN80-3S/740 PSR I MDW D9 76
		Full EOC	871829188458300
Controls and Dimming		Order code	88458300
Dimmable	Yes	Material no. (12 NC)	910925437930
Driver/power unit/transformer	Power supply unit with DALI interface	SAP numerator – quantity per pack	1
Control interface	DALI	EAN/UPC — Product/Case	8718291884583
Constant light output	No	Numerator – packs per outer box	1
and the second s		EAN/UPC - Case	8718291884583
Mechanical and Housing			
Housing material	Aluminium	-	
	,	-	
Reflector material	Polycarbonate	_	

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#### Dimensional drawing





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