

Metronomis LED Torch

BDS650 GRN40-3S/740 PSR MDW D9 76

Metronomis LED, LED GreenLine 4000 lm, Power supply unit with DALI interface, Metronomis distribution wide, Spigot for diameter 76 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	GRN40 [LED GreenLine 4000 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	

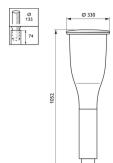
Datasheet, 2023, December 5 data subject to change

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	luminaires - January 2018": statistically	Mechanical and Housing	
	there is no relevant difference in lumen	Housing Material	Aluminum
	maintenance between B50 and for example	Reflector material	Polycarbonate
	B10. Therefore, the median useful life (B50)	Optic material	Polycarbonate
	value also represents the B10 value.	Optical cover material	Polycarbonate
Light source engine type	LED	Fixation material	Aluminum
Product family code	BDS650 [Metronomis LED]	Housing Color	Grey
Lighting Technology	LED	Mounting device	Spigot for diameter 76 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	330 mm
Flammability mark		Effective projected area	0.274 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-
Light Technical		Mech. impact protection code	proof] IK10 [20 J vandal-resistant]
Standard deviation color matching	5	Surge Protection (Common/Differential)	Philips standard surge protection level
Upward light output ratio	5		
Luminous Flux	3,464 lm	Protection class IEC	Safety class I
Standard tilt angle posttop	-	Initial Burfamora (IEC Compliant)	
Standard tilt angle positop Standard tilt angle side entry		Initial Performance (IEC Compliant)	
Correlated Color Temperature (Nom)	4000 K	Luminous flux tolerance	+/-7%
· · · · · · · · · · · · · · · · · · ·		Initial chromaticity	(0.380, 0.380) SDCM <5
Luminous Efficacy (rated) (Nom)	94 lm/W >70	Power consumption tolerance	+/-10%
Color rendering index (CRI)	1	Init. Color Rendering Index Tolerance	+/-2
Number of light sources	740 neutral white	0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Light source color		Over Time Performance (IEC Complia	
Optical cover type	Polycarbonate bowl/cover 48° x 66°	Control gear failure rate at median useful	10 %
Luminaire light beam spread Ontic tune outdoor	Metronomis distribution wide	life 100000 h	100
Optic type outdoor	Metronomis distribution wide	Lumen maintenance at median useful life*	180
Operating and Electrical		100000 h	
Input Voltage	220 to 240 V	Application Conditions	
Line Frequency	50 to 60 Hz	Performance ambient temperature Tq	25 °C
Inrush current	22 A	Maximum dim level	
Inrush time	0.29 ms	Maximum dim tevet	0% (digital)
Power Consumption	32 W	Product Data	
· · · · · · · · · · · · · · · · · · ·	0.98	-	PDCCEO CDN40, 2C/740 DCD MDW D0 7C
Power Factor (Fraction)	· · · · · · · · · · · · · · · · · · ·	Order product name	BDS650 GRN40-3S/740 PSR MDW D9 76
Connection	Screw connector	Full product name	BDS650 GRN40-3S/740 PSR MDW D9 76
Cable Name to the state of MCP of 15 A town 1	- P. 30	Full product code	871829188521400
Number of products on MCB of 16 A type	В 20	Order code	910925437993
		Material Nr. (12NC)	910925437993
Temperature		Numerator - Quantity Per Pack	1
Ambient temperature range	-40 to +50 °C	EAN/UPC - Product/Case	8718291885214
Control and B:		Numerator - Packs per outer box	1
Controls and Dimming		EAN/UPC - Case	8718291885214
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit with DALI interface		
Control interface	DALI		
Constant light output	No		

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Dimensional drawing





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