PHILIPS Lighting



Metronomis LED Torch

BDS650 GRN40-3S/740 PSR I MDA D9 76

Metronomis LED, LED GreenLine 4000 lm, Power supply unit with DALI interface, Metronomis distribution asymmetrical, 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 GRN40 [LED GreenLine 4000 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	BDS650 [Metronomis LED]
Lighting Technology	LED
Value ladder	Specification

Metronomis LED Torch

Embedded control	-
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
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Light Technical

Std deviation colour matching	5
Upwards light output ratio	5
Luminous Flux	3,373 lm
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	4000 K
Luminous efficacy (rated) (nom.)	91 lm/W
Colour rendering index (CRI)	>70
Light source colour	740 neutral white
Optical cover type	Polycarbonate bowl/cover
Luminaire light beam spread	52° x 62°
Optic type outdoor	Metronomis distribution asymmetrical

Operating and Electrical

220 to 240 V
50 to 60 Hz
22 A
0.29 ms
32 W
0.98
Screw connector
-
20

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	DALI
Constant light output	No

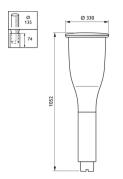
-40 to +50 °C

Housing material	Aluminium
Reflector material	Polycarbonate

Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Housing Colour	Grey
Mounting device	Spigot for diameter 76 mm
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall height	990 mm
Overall diameter	330 mm
Effective projected area	0.274 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 I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Power consumption tolerance Init. Color Rendering Index Tolerance	+/-10% +/-2
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Dimensional drawing





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