PHILIPS Lighting



Metronomis LED Torch

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

Metronomis LED, LED GreenLine 4000 lm, Power supply unit with DALI interface, Metronomis distribution symmetrical, 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. * At extreme ambient

 temperatures the luminaire might

 automatically dim down to protect

 components

 Light source engine type

Metronomis LED Torch

Product family code	BDS650 [Metronomis LED]
Lighting Technology	LED
Value ladder	Specification
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
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	17°
Optic type outdoor	Metronomis distribution symmetrical

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	32 W
Power Factor (Fraction)	0.98
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type	20
В	

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

Mechanical and Housing

Housing material

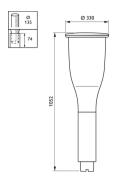
Aluminium

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%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compliant)		
Control gear failure rate at median useful	10 %	
life 100,000 h		
Lumen maintenance at median useful life*	L80	
100,000 h		
Application Conditions		
Performance ambient temperature Tq	25 °C	
Maximum dim level	0% (digital)	
Product Data		
Order product name	BDS650 GRN40-3S/740 PSR I MDS D9 76	
Full product name	BDS650 GRN40-3S/740 PSR I MDS D9 76	

Order product name	BD5650 GRN40-35/740 PSRTMD5 D9 76
Full product name	BDS650 GRN40-3S/740 PSR I MDS D9 76
Full EOC	871829188519100
Order code	88519100
Material no. (12 NC)	910925437991
SAP numerator - quantity per pack	1
EAN/UPC — Product/Case	8718291885191
Numerator – packs per outer box	1
EAN/UPC - Case	8718291885191

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Dimensional drawing





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