PHILIPS Lighting



Metronomis LED Torch

BDS650 GRN30-3S/740 PSR-CLO II MDM DF C4

Metronomis LED, LED GreenLine 3000 lm, Power supply unit regulating with constant light output, Metronomis distribution medium

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 GRN30 [LED GreenLine 3000 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 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
ht source engine type	LED
duct family code	BDS650 [Metronomis LED]

Ligh

Pro

Metronomis LED Torch

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	
Standard deviation color matching	5
Upward light output ratio	5
Luminous Flux	2,370 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	82 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

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	17.784 W
Average CLO power consumption	20.292 W
End CLO power consumption	22.8 W
Inrush current	22 A
Inrush time	0.29 ms
Power Consumption	23 W
Power Factor (Fraction)	0.97
Connection	Screw connector
Cable	Cable 0.45 m without plug
Number of products on MCB of 16 A type	20
В	

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Constant light output	Yes

-40 to +50 °C

Mechanical and Housing	
Housing Material	Aluminum
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	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 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 L100 life* 100000 h

Application Conditions

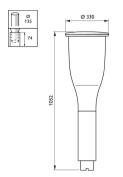
Performance ambient temperature Tq 25 °C

Product Data

Order product name	BDS650 GRN30-3S/740 PSR-CLO II MDM
	DF C4
Full product name	BDS650 GRN30-3S/740 PSR-CLO II MDM
	DF C4
Full product code	871829188540500
Order code	88540500
Material Nr. (12NC)	910925438013
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291885405
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291885405

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Dimensional drawing





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