

Metronomis LED Torch

BDS650 GRN20-3S/740 PSR-CLO II VD C450 6

Metronomis LED - LED GreenLine 2000 lm - Power supply unit regulating with constant light output - Vertical diffuser element

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	
Number of light sources	1 pc
Lamp family code	GRN20 [LED GreenLine 2000 lm]
Lamp version	2S [2nd generation, screw fixation]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit regulating with constant light output
Driver included	Yes

Optical element	Vertical diffuser element
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	-
Embedded control	-
Light regulation	-
Electrical circuit protection	-
Connection	Screw connector
Cable	Cable 0.45 m without plug
Protection class IEC	Safety class II
Coating	-

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Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	-
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
Constant light output	Yes
Number of products on MCB of 16 A type B	20
RoHS mark	RoHS mark
Light source engine type	LED
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts
Product family code	BDS650 [Metronomis LED]

Light Technical

Standard deviation color matching	5
Upward light output ratio	5
Standard tilt angle posttop	-
Standard tilt angle side entry	-

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	11.856 W
Average CLO power consumption	13.528 W
End CLO power consumption	15.2 W
Inrush current	22 A
Inrush time	0.29 ms
Power Factor (Min)	0.94

Controls and Dimming

Dimmable	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminum
Mounting device	Spigot for diameter 60 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

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	1824 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	83 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	15.2 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

Application Conditions

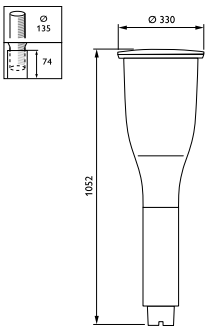
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C

Product Data

Full product code	871829188538200
Order product name	BDS650 GRN20-3S/740 PSR-CLO II VD C450 6
EAN/UPC - Product	8718291885382
Order code	910925438011
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	910925438011
Net Weight (Piece)	11.775 kg

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Dimensional drawing



Metronomis LED BDS650-670

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