PHILIPS Lighting



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

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	GRN20 [LED GreenLine 2000 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

Metronomis LED Torch

Light source engine type Product family code Lighting Technology Value ladder Embedded control CE mark Warranty period Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical Standard deviation color matching Upward light output ratio	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 LED BDS650 [Metronomis LED] LED Specification - Yes 5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5 5 1,824 lm
Light source engine type Product family code Lighting Technology Value ladder Embedded control CE mark Warranty period Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical Standard deviation color matching Upward light output ratio Luminous Flux	value also represents the B10 value. * At extreme ambient temperatures the luminaire might automatically dim down to protect components LED BDS650 [Metronomis LED] LED Specification - Yes 5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5
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Light source engine type	components LED BDS650 [Metronomis LED] LED Specification - Yes 5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5 5
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Value ladder S Embedded control C CE mark V Warranty period S Flammability mark S ENEC mark S Glow-wire test S EU RoHS compliant S Light Technical Standard deviation color matching S Upward light output ratio S Luminous Flux S	Specification - Yes 5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5
Embedded control CE mark Warranty period Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical Standard deviation color matching Upward light output ratio Luminous Flux	- Yes 5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5
CE mark Warranty period Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical Standard deviation color matching Upward light output ratio Luminous Flux	5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5
Warranty period : Flammability mark : ENEC mark : Glow-wire test : EU RoHS compliant : Light Technical : Standard deviation color matching : Upward light output ratio : Luminous Flux :	5 years - ENEC mark Temperature 650 °C, duration 5 s Yes 5 5
Flammability mark ENEC mark Glow-wire test EU RoHS compliant Light Technical Standard deviation color matching Upward light output ratio Luminous Flux	- ENEC mark Temperature 650 °C, duration 5 s Yes 5 5
ENEC mark Glow-wire test EU RoHS compliant Light Technical Standard deviation color matching Upward light output ratio Luminous Flux	Temperature 650 °C, duration 5 s Yes 5 5
Glow-wire test EU RoHS compliant ELight Technical Standard deviation color matching Upward light output ratio ELuminous Flux	Temperature 650 °C, duration 5 s Yes 5 5
EU RoHS compliant	Yes 5 5
Light Technical Standard deviation color matching Upward light output ratio Luminous Flux	5
Standard deviation color matching Upward light output ratio	5
Upward light output ratio	5
Luminous Flux	
	1,824 lm
Standard tilt angle posttop	
	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	83 lm/W
	>70
	1
	740 neutral white
	Polycarbonate bowl/cover
Luminaire light beam spread	-
Optic type outdoor	_
Operating and Electrical	
Input Voltage	220 to 240 V
Line 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 Consumption	15.2 W
Power Factor (Fraction)	0.94
Connection	Screw connector
Cable	Cable 0.45 m without plug
Number of products on MCB of 16 A type	20
В	
Temperature	
Temperature Ambient temperature range	-40 to +50 °C

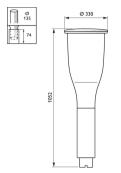
Controls and Dimming		
Dimmable	No	
Driver/power unit/transformer	Power supply unit regulating with constant	
	light output	
Constant light output	Yes	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	Polycarbonate	
Optic material	Polycarbonate	
Optical cover material	Polycarbonate	
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 ℃	
Product Data		
Order product name	BDS650 GRN20-3S/740 PSR-CLO II VD	
	C450 6	
Full product name	BDS650 GRN20-3S/740 PSR-CLO II VD	
	C450 6	
Full product code	871829188538200	
Order code	910925438011	
Material Nr. (12NC)	910925438011	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291885382	
Numerator - Packs per outer box	1	
-		

Metronomis LED Torch

EAN/UPC - Case

8718291885382

Dimensional drawing





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