PHILIPS Lighting



Metronomis LED Fluid

BDS670 GRN15-3S/830 PSU II MDS DIA C450

Metronomis LED, LED GreenLine 1500 lm, Power supply unit (On/Off), Metronomis distribution symmetrical

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	GRN15 [LED GreenLine 1500 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

Metronomis LED Fluid

Light source engine type	LED
Product family code	BDS670 [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

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LIVI	п	ecn	IIICa	L

Standard deviation color matching	5
Upward light output ratio	5
Luminous Flux	1,396 lm
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	82 lm/W
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	830 warm 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	12.8 W
Power Factor (Fraction)	0.92
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

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Constant light output	No

Mechanical and Housing Housing Material

Aluminum

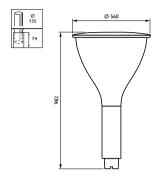
-40 to +50 °C

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	560 mm	
Effective projected area	0.4396 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	(0.430, 0.300) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compl	ant)	
Control gear failure rate at median useful	10 %	
life 100000 h		
Lumen maintenance at median useful	L80	
life* 100000 h		
Application Conditions		
Performance ambient temperature Tq	25 ℃	
Product Data		
Order product name	BDS670 GRN15-3S/830 PSU II MDS DIA	
	6.450	

order produce name	BB3070 CITITIS 33/0301 30 ITTIBS BIA
	C450
Full product name	BDS670 GRN15-3S/830 PSU II MDS DIA
	C450
Full product code	871829189556500
Order code	910925438122
Material Nr. (12NC)	910925438122
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291895565
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291895565

Metronomis LED Fluid

Dimensional drawing





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