



Metronomis LED Fluid

BDS670 GRN40-3S/740 PSR-CLO I MDV DF D9

Metronomis LED, LED GreenLine 4000 lm, Power supply unit regulating with constant light output, Metronomis distribution vertical

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	GRN40 [LED GreenLine 4000 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

Datasheet, 2023, December 5 data subject to change

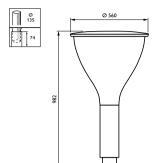
Metronomis LED Fluid

	B10. Therefore, the median useful life (B50
	value also represents the B10 value.
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
Light Technical	
Standard deviation color matching	5
Upward light output ratio	5
Luminous Flux	3,486 lm
Standard tilt angle posttop	. -
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 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	60° x 50°
Optic type outdoor	Metronomis distribution vertical
	menonino distribution ventical
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	24.96 W
Average CLO power consumption	28.48 W
End CLO power consumption	32 W
Inrush current Inrush time	22 A
	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	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Dimmable	Yes Power supply unit regulating with constant light output

Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Diptic material Polycarbonate Diptical cover material Polycarbonate Fixation material Aluminum Housing Color Grey Mounting device Spigot for diameter 60 mm Diptical cover shape - Diptical cover finish - Diverall height 990 mm Diverall diameter 560 mm
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Mounting device Spigot for diameter 60 mm Optical cover shape - Optical cover finish - Overall height 990 mm
Optical cover shape - Optical cover finish - Overall height 990 mm
Optical cover finish - Overall height 990 mm
Overall height 990 mm
Overall diameter 560 mm
Effective projected area 0.4396 m²
Approval and Application
ngress 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
nitial Performance (IEC Compliant)
Luminous flux tolerance +/-7%
nitial chromaticity (0.380, 0.380) SDCM <5
Power consumption tolerance +/-10%
nit. Color Rendering Index Tolerance +/-2
Over Time Performance (IEC Compliant)
Control gear failure rate at median useful 10 %
ife 100000 h
Lumen maintenance at median useful life* L100
00000 h
Application Conditions
Performance ambient temperature Tq 25 °C Maximum dim level 0% (digital)
Maximum um tevet 0 % (digital)
Product Data
Order product name BDS670 GRN40-3S/740 PSR-CLO I MDV DF
D9
Full product name BDS670 GRN40-3S/740 PSR-CLO I MDV DF
D9
Full product code 871829188494100
Order code 910925437966
Material Nr. (12NC) 910925437966
Numerator - Quantity Per Pack 1
EAN/UPC - Product/Case 8718291884941
Numerator - Packs per outer box 1
EAN/UPC - Case 8718291884941

Metronomis LED Fluid

Dimensional drawing





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