



Metronomis LED Fluid

BDS670 GRN15-3S/740 PSR I MDM D9 60

Metronomis LED - LED GreenLine 1500 lm - LED - 2nd generation, screw fixation - 740 neutral white - Power supply unit with DALI interface - 220 to 240 V - 50 to 60 Hz - Safety class I (I) - Metronomis distribution medium - - - Polycarbonate bowl/cover - Gray - - - - Dimming via external communication DALI - - - Philips standard surge protection level kV - - - Spigot for diameter 60 mm

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		Driver/power unit/transformer	
Lamp family code	GRN15 [LED GreenLine 1500 lm]	Driver included	PSD [Power supply unit with DALI interface]
Lamp version	2S [2nd generation, screw fixation]	Optical element	Yes
Light source colour	740 neutral white	Optical cover/lens type	No [-]
Light source replaceable	Yes	Luminaire light beam spread	PC [Polycarbonate bowl/cover]
Number of gear units	1 unit	Embedded control	48° x 66°
			No [-]

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Control interface	DALI
Light regulation	Dimming via external communication DALI
Connection	SCREW [Screw connector]
Cable	-
Protection class IEC	Safety class I (I)
Coating	-
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Metronomis distribution medium
Photocell	No [-]
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	No
Number of products on MCB	20
RoHS mark	RoHS mark
LED engine type	LED
Product Family Code	BDS670 [Metronomis LED]

Light Technical

Upward light output ratio	5
Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and Electrical

Input voltage	220 to 240 V
Input frequency	50 to 60 Hz
Inrush current	22 A
Inrush time	0.29 ms
Power factor (min.)	0.91

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminum
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate

Fixation material	Aluminum
Mounting device	60 [Spigot for diameter 60 mm]
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall height	990 mm
Overall diameter	560 mm
Effective projected area	0.4396 m ²
Colour	Gray

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 kV

Initial Performance (IEC Compliant)

Initial luminous flux	1603 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	182 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	11.6 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	L80

Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	0% (digital)

Product Data

Full product code	871869634758400
Order product name	BDS670 GRN15-35/740 PSR I MDM D9 60
EAN/UPC – product	8718696347584
Order code	34758400
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925863347
Net weight (piece)	16.610 kg



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