



# **Metronomis LED Fluid**

## BDS670 GRN50-3S/830 PSR-CLO II MDS 60

Metronomis LED, LED GreenLine 5000 lm, Power supply unit regulating with constant light output, Metronomis distribution symmetrical, Spigot for diameter 60 mm

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	GRN50 [LED GreenLine 5000 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

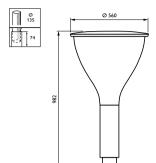
Datasheet, 2023, December 5 data subject to change

### **Metronomis LED Fluid**

April   Approvided and   Approvided an				
		extreme ambient temperatures the luminaire	Constant light output	Yes
Mousing Material   Mousing Mat		might automatically dim down to protect		
Product family code		components	Mechanical and Housing	
Spring Technology	Light source engine type	LED	Housing Material	Aluminum
	Product family code	BDS670 [Metronomis LED]	Reflector material	Polycarbonate
Enhebided control	Lighting Technology	LED	Optic material	Polycarbonate
Maranty period	Value ladder	Specification	Optical cover material	Polycarbonate
Marranty period	Embedded control	-	Fixation material	Aluminum
EMEC mark	CE mark	Yes	Housing Color	Grey
Delication	Warranty period	5 years	Mounting device	Spigot for diameter 60 mm
Convenience	Flammability mark	-	Optical cover shape	-
EVEROPS Compliant	ENEC mark	ENEC mark	Optical cover finish	-
	Glow-wire test	Temperature 650 °C, duration 5 s	Overall height	990 mm
Light Technical         Approval and Application           Standard dividation color matching         5           Upward light output ratio         5           Upward light output ratio         4330 Im           Standard tit angle posttop         -           Standard tit angle sottop         -           Correlated Color Temperature (Nom)         8000 K           Luminous Efficacy (rated) (Nom)         87 In/W           Color rendering Index (CRI)         >80           Named of light sources color         830 wmm white           Optical cover type         Polycarbonate bowlcover           Difficit Space and Spa	EU RoHS compliant	Yes	Overall diameter	560 mm
Sandard deviation color matching   S   S   Ingress protection code   P66 [Dust penetration-protected, jer-prod]   P76 [Dust penetration (Common/Differential)   P77 [Dust penetration (Common/Di			Effective projected area	0.4396 m²
Upward light output ratio	Light Technical			
Dyward light output ratio	Standard deviation color matching	5	Approval and Application	
Luminous Flux         4,330 lim         Mech, impact protection code         IKTO [20 J vanidal resistant]           Standard tilt angle posttop         -         Surge Protection (Common/Differential)         Philips standard surge protection level           Standard tilt angle posttop         -         Surge Protection (Common/Differential)         Philips standard surge protection level           Correlated Color Temperature (Nom)         87 lm/W         Initial Performance (IEC Compliant)         A sefety class II           Color rendering index (CRI)         880         Luminous flux tolerance         √-7%           Number of light sources         1         Initial Performance (IEC Compliant)         (0.430, 0.300) SDCM ≤           Ulght source color         830 warm white         Power consumption tolerance         √-10%           Optical cover type         Polycarbonate bowl/cover         Initial chromaticity         (0.430, 0.300) SDCM ≤           Ulminarie light beam spread         17*         Over Time Performance (IEC Compliant)         Control gear faiture rate at median useful         10 %           Injust type outdoor         20 to 240 V         Lumen maintenance at median useful         10 %           Initial CLO power consumption         30.576 W         Lumen maintenance at median useful         10 %           Initial close power consumption         30.20 to 60 Hz	Upward light output ratio	5		IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle positop   -		4,330 lm		
Standard tilt angle side entry - Operating color Temperature (Nom) 3000 K  Luminous Efficacy (Critated) (Nom) 87 Im/W  Color rendering index (CRI) 880	Standard tilt angle posttop	-		
Corelated Color Temperature (Nom)         3000 K           Luminous Efficacy (rated) (Nom)         87 Im/W         Initial Performance (IEC Compliant)           Color rendering index (CRI)         >80         Luminous flux tolerance         1/-7%           Light source color         830 warm white         Power consumption tolerance         1/-10%           Optical cover type         Polycarbonate bowl/cover         Init. Color Rendering Index Tolerance         1/-2           Umminate light beam spread         17         Corn tolerance         1/-2           Opticatype outdoor         Metronomist distribution symmetrical         Over Time Performance (IEC Compliant)         10%           Operating and Electrical         United (LO power consumption on 30.576 W         Lumen maintenance at median useful info 1000         100         100           Line Frequency         50 to 60 Nz         Lumen maintenance at median useful info 1000         100         100         100           Linush time         30.576 W         Application Conditions         Performance ambient temperature Tq         25 °C         100         100         100         100         100         100         100         100         100         100         100         100         100         100         100         100         100         100         100 </td <td></td> <td>-</td> <td></td> <td><del> </del></td>		-		<del> </del>
Luminous Efficacy (rated) (Nom) 87 Im/W  Color rendering Index (CRI) >80  Number of light sources 1  Light source color 830 warm white Polycarbonate bowl/ cover 1  Light source color Polycarbonate bowl/ cover 1  Luminate light beam spread 17  Optical cover type Ludion Metonomis distribution symmetrical Poperating and Electrical Input Voltage 220 to 240 V Lime maintenance at median useful 10% Intigenance (IEC Compliant)  Naverage CLO power consumption 30 576 W Lime Performance (IEC Compliant)  Power Time Performance (IEC Compliant)  Line Prequency 50 to 60 Hz Infilial CLO power consumption 39 2 W Line Performance at median useful 100 Line rendering Index Tolerance 30 ST Compliant State 10000 h Line Performance at median useful 100 Line Performance Infilial CLO power consumption 30 576 W Line Performance at median useful 100 Line Performance Infilial CLO power consumption 30 576 W Performance at median useful 100 Line Performance at median useful 100 Line Performance Infilial CLO power consumption 30 2 W Performance at median useful 100 Line Performance at median useful 100 Line Performance Infilial CLO power consumption 30 2 W Performance at median useful 100 Line Performance Infilial CLO power consumption 30 2 W Performance at median useful 100 Line Performance at median useful 100 Line Performance Infilial CLO power consumption 30 2 W Performance at median useful 100 Line Performance Infilial CLO power Line Performance at median useful 100 Line Performance Infilial CLO power Line		3000 K	1 Total Class I.E.	Surety class ii
Color rendering index (CRI)         >80         Luminous flux tolerance         */-7%           Number of light sources         1         Initial chromaticity         (0.430,0300) SDCM-5           Light source color         830 warm white         Power consumption tolerance         */-10%           Optical cover type         Polycarbonate bowl/cover         Init. Color Rendering Index Tolerance         */-2           Luminate light beam spread         17           Opterating and Electrical         ***         Over Time Performance (IEC Compliant)           Input Voltage         220 to 240 V         Lume maintenance at median useful         10%           Line Frequency         50 to 60 Hz         Life 100000 h         Lume maintenance at median useful         L100           Average CLO power consumption         30.576 W         Application Conditions         ***           Inrush current         46 A         ***         Performance ambient temperature Tq         25 °C           Inrush time         0.25 ms         Performance ambient temperature Tq         25 °C           Power Consumption         39.2 W         Order product name         BDS670 GRN50-35/830 PSR-CLO II MDS 60           Power Sactor (Fraction)         0.96         Full product code         87/829/8850920           Connection         Screw connector </td <td></td> <td></td> <td>Initial Performance (IEC Compliant)</td> <td></td>			Initial Performance (IEC Compliant)	
Number of light sources         1         Initial chromaticity         (0.430, 0.300) SDCM 45         1           Light source color         830 warm white         Power consumption tolerance         4/-10%           Optical cover type         Pollycarbonate bowl/cover         Init. Color Rendering Index Tolerance         4/-2           Chull Light beam spread         17         Init. Color Rendering Index Tolerance         4/-2           Operating and Electrical         Control gear failure rate at median useful         10 %           Line Frequency         50 to 60 Hz         life 100000 h           Line Frequency         50 to 60 Hz         life 100000 h           Intuits CLO power consumption         30.576 W         Application Conditions           Power Accompany of the Company of the Company of the Color of the Col		<del> </del>		+/_7%
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Optical cover type         Polycarbonate bowl/cover         Init. Color Rendering Index Tolerance         +/-2           Luminaire light beam spread         17'           Optic type outdoor         Metronomis distribution symmetrical         Over Time Performance (IEC Compliant)           Operating and Electrical         Unit of the graph of the product of the pro				
Luminaire light beam spread         17'           Optic type outdoor         Metronomis distribution symmetrical         Over Time Performance (IEC Compliant)           Operating and Electrical         Life 100000 h           Line Frequency         50 to 60 Hz         Life 100000 h           Initial CLO power consumption         30.576 W         Application Conditions           End CLO power consumption         39.2 W         Application Conditions           Frower Consumption         39.2 W         Performance ambient temperature Tq         25 °C           Inrush current         46 A         Product Data           Power Consumption         39.2 W         Product Data           Power Consumption         39.2 W         Order product name         BDS670 GRN50-35/830 PSR-CLO II MDS 60           Power Factor (Fraction)         0.96         Full product name         BDS670 GRN50-35/830 PSR-CLO II MDS 60           Connection         Screw connector         Full product code         87/829/88509200           Ba         Maerial Nr. (2NC)         910925437981           B         Numerator - Quantity Per Pack         1           Ean/UPC - Product/Case         87/829/885092           Temperature         40 to +50 °C         EAN/UPC - Case         87/829/885092           Ean/UPC - Case			- <del></del>	· ·
Optic type outdoor         Metronomis distribution symmetrical         Over Time Performance (IEC Compliant)           Operating and Electrical         Unifor young agri allure rate at median useful. Itile 100000 h         10 %           Line Frequency         50 to 60 Hz         Lumen maintenance at median useful. Itile 100000 h         100           Initial CLO power consumption         30.576 W         Application Conditions         Invasion Conditions           End CLO power consumption         39.2 W         Application Conditions         Performance ambient temperature Tq         25 °C           Inrush time         0.25 ms         Product Data         BDS670 GRN50-35/830 PSR-CLO II MDS 60           Power Factor (Fraction)         0.96         Full product name         BDS670 GRN50-35/830 PSR-CLO II MDS 60           Connection         Screw connector         Full product code         871829188509200           Cable         -         Order code         910925437981           Number of products on MCB of 16 A type         I1         Material Nr. (I2NC)         910925437981           Material Vr. (PLO)         910925437981         PMaterial Nr. (I2NC)         910925437981           Material Vr. (PLO)         910925437981         PMaterial Nr. (I2NC)         910925437981           Material Nr. (I2NC)         910925437981         PMaterial Nr. (I2NC)		<u> </u>	mit. Color Rendering index Toterance	*/-2
Control gear failure rate at median useful 10% life 100000 h  Line Frequency 50 to 60 Hz life 100000 h  Line Frequency 50 to 60 Hz life 100000 h  Line Frequency 50 to 60 Hz life 100000 h  Line Frequency 50 to 60 Hz life 100000 h  Line Frequency 50 to 60 Hz life 100000 h  Line Frequency 50 to 60 Hz life 100000 h  Line maintenance at median useful life 100000 h  Line Frequency Frequency 50 to 60 Hz life 100000 h  Line maintenance at median useful life 100000 h  Line file file 100000 h  Line file 100000 h  Line file file 100000 h  Performance ambient temperature Tq 25 °C  Line			Over Time Performance (IEC Compl	iant)
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Input Voltage   220 to 240 V   Limen maintenance at median useful   Lino   Li	Operating and Electrical			10 %
Line Frequency 50 to 60 Hz  Initial CLO power consumption 30.576 W  Average CLO power consumption 34.888 W  Application Conditions  Find CLO power consumption 39.2 W  Inrush current 46 A  Inrush time 0.25 ms  Power Consumption 39.2 W  Power Factor (Fraction) 0.96 Full product name BDS670 GRN50-35/830 PSR-CLO II MDS 60 Poul for code BDS670 GRN50-35/830 PSR-CLO II MDS 60 Poul for c		220 to 240 V	-	1100
Initial CLO power consumption 30.576 W  Average CLO power consumption 34.888 W  End CLO power consumption 39.2 W  Inrush current 46 A  Inrush time 0.25 ms  Power Consumption 39.2 W  Power Factor (Fraction) 0.96 Full product name BDS670 GRN50-3S/830 PSR-CLO II MDS 60 Full product name BDS670 GRN50-3S/830 PSR-CLO II MDS 60 Full product name BDS670 GRN50-3S/830 PSR-CLO II MDS 60 Full product name BDS670 GRN50-3S/830 PSR-CLO II MDS 60 Full product code 871829188509200  Connection Screw connector Full product code 910925437981  Number of products on MCB of 16 A type II Material Nr. (I2NC) 910925437981  Numerator - Quantity Per Pack I EAN/UPC - Product/Case 8718291885092  Temperature Ambient temperature range -40 to +50 °C Full product code 8718291885092  Controls and Dimming  Dimmable No  Power supply unit regulating with constant	<del></del>	· · · · · · · · · · · · · · · · · · ·		LIOO
Average CLO power consumption 34.888 W  End CLO power consumption 39.2 W  Inrush current 46 A  Inrush time 0.25 ms  Power Consumption 39.2 W  Power Factor (Fraction) 0.96 Full product name BD\$670 GRN\$0-35/830 P\$R-CLO II MD\$60 GRN\$0-35/830 P\$R-CLO			tile 100000 h	
End CLO power consumption 39.2 W  Inrush current 46 A  Inrush time 0.25 ms  Power Consumption 39.2 W  Power Consumption 39.2 W  Power Factor (Fraction) 0.96  Connection Screw connector Full product name BDS670 GRN50-35/830 PSR-CLO II MDS 60 Pull product			Anniinking Consistent	
Inrush current         46 A           Inrush time         0.25 ms         Product Data           Power Consumption         39.2 W         Order product name         BDS670 GRN50-3S/830 PSR-CLO II MDS 60           Power Factor (Fraction)         0.96         Full product code         871829188509200           Connection         Screw connector         Full product code         871829188509200           Number of products on MCB of 16 A type         11         Material Nr. (12NC)         910925437981           B         Numerator - Quantity Per Pack         1         EAN/UPC - Product/Case         8718291885092           Temperature         Numerator - Packs per outer box         1         EAN/UPC - Case         8718291885092           Controls and Dimming         No         EAN/UPC - Case         8718291885092				25.05
Product Data   Prod		<del> </del>	Performance ambient temperature 1q	25 °C
Power Consumption39.2 WOrder product nameBDS670 GRN50-3S/830 PSR-CLO II MDS 60Power Factor (Fraction)0.96Full product nameBDS670 GRN50-3S/830 PSR-CLO II MDS 60ConnectionScrew connectorFull product code871829188509200Cable-Order code910925437981Number of products on MCB of 16 A type B11Material Nr. (12NC)910925437981BNumerator - Quantity Per Pack1EAN/UPC - Product/Case8718291885092TemperatureNumerator - Packs per outer box1Ambient temperature range-40 to +50 °CEAN/UPC - Case8718291885092Controls and DimmingNoDimmableNoDimmable on the product of product produ		<del> </del>		
Power Factor (Fraction)0.96Full product nameBDS670 GRN50-3S/830 PSR-CLO II MDS 60ConnectionScrew connectorFull product code871829188509200Cable-Order code910925437981Number of products on MCB of 16 A type11Material Nr. (12NC)910925437981BNumerator - Quantity Per Pack1EAN/UPC - Product/Case8718291885092Ambient temperature-40 to +50 °CNumerator - Packs per outer box1Controls and DimmingEAN/UPC - Case8718291885092DimmableNoDivier/power unit/transformerPower supply unit regulating with constant	Inrush time			
ConnectionScrew connectorFull product code871829188509200Cable-Order code910925437981Number of products on MCB of 16 A type B11Material Nr. (12NC)910925437981BNumerator - Quantity Per Pack1EAN/UPC - Product/Case8718291885092Numerator - Packs per outer box1EAN/UPC - Case8718291885092 Controls and Dimming Dimmable No Power supply unit regulating with constant				
Cable         -         Order code         910925437981           Number of products on MCB of 16 A type         11         Material Nr. (12NC)         910925437981           B         Numerator - Quantity Per Pack         1           EAN/UPC - Product/Case         8718291885092           Mumerator - Packs per outer box         1           EAN/UPC - Case         8718291885092    Controls and Dimming  Dimmable  No  Power supply unit regulating with constant  Power supply unit regulating with constant	Power Factor (Fraction)	0.96	Full product name	BDS670 GRN50-3S/830 PSR-CLO II MDS 60
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B Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718291885092  Temperature Ambient temperature range -40 to +50 °C EAN/UPC - Case 8718291885092  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating with constant	Cable	<del>-</del>	Order code	910925437981
EAN/UPC - Product/Case 8718291885092  Temperature	Number of products on MCB of 16 A type	11	Material Nr. (12NC)	910925437981
Temperature Ambient temperature range -40 to +50 °C  Controls and Dimming Dimmable No Power supply unit regulating with constant  Numerator - Packs per outer box 1  EAN/UPC - Case 8718291885092  Priver/power unit/transformer Power supply unit regulating with constant	В		Numerator - Quantity Per Pack	1
Ambient temperature range -40 to +50 °C  Controls and Dimming  Dimmable No  Driver/power unit/transformer Power supply unit regulating with constant			EAN/UPC - Product/Case	8718291885092
Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit regulating with constant	Temperature		Numerator - Packs per outer box	1
Dimmable         No           Driver/power unit/transformer         Power supply unit regulating with constant	Ambient temperature range	-40 to +50 °C	EAN/UPC - Case	8718291885092
<b>Driver/power unit/transformer</b> Power supply unit regulating with constant	Controls and Dimming			
	Dimmable	No		
light output	Driver/power unit/transformer	Power supply unit regulating with constant		
		light output		

### **Metronomis LED Fluid**

#### Dimensional drawing





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