



# Metronomis LED Torch

# BDS650 GRN50-3S/740 PSR I MDS D9 60

Metronomis LED, 1, LED GreenLine 5000 lm, LED, 740 neutral white, Power supply unit with DALI interface, 220 to 240 V, 50 to 60 Hz, Safety class I, Metronomis distribution symmetrical, Polycarbonate bowl/cover, Grey, Philips standard surge protection level, 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**

Datasheet, 2023, December 5 data subject to change

# **Metronomis LED Torch**

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General Information		Number of products on MCB of 16 A type	11
Lamp family code	GRN50 [LED GreenLine 5000 lm]	В	
Light source replaceable	Yes		
Number of gear units	1 unit	Temperature	
Driver included	Yes	Ambient temperature range	-40 to +50 ℃
Photocell	-		
Remarks	*-Per Lighting Europe guidance paper	Controls and Dimming	
	"Evaluating performance of LED based	Dimmable	Yes
	luminaires - January 2018": statistically there	Driver/power unit/transformer	Power supply unit with DALI interface
	is no relevant difference in lumen	Control interface	DALI
	maintenance between B50 and for example	Constant light output	No
	B10. Therefore, the median useful life (B50)		
	value also represents the B10 value. * At	Mechanical and Housing	
	extreme ambient temperatures the luminaire	Housing Material	Aluminum
	might automatically dim down to protect	Reflector material	Polycarbonate
Links according to the	components	Optic material	Polycarbonate
Light source engine type	LED DESCENTION OF THE PROPERTY	Optical cover material	Polycarbonate
Product family code	BDS650 [Metronomis LED]	Fixation material	Aluminum
Lighting Technology	LED	Housing Color	Grey
Value ladder	Specification	Mounting device	Spigot for diameter 60 mm
Embedded control	- -	Optical cover shape	-
CE mark	Yes	Optical cover finish	
Warranty period	5 years	Overall height	1,060 mm
Flammability mark	- ENEC month	Overall diameter	330 mm
ENEC mark	ENEC mark	Effective projected area	0.274 m²
Glow-wire test	Temperature 650 °C, duration 5 s		
EU RoHS compliant	Yes	Approval and Application	
· · · · · · · · · · · · · · · · · · ·	Yes	Approval and Application Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Light Technical			IP66 [Dust penetration-protected, jet-proof] IK10 [20 J vandal-resistant]
Light Technical Upward light output ratio	5	Ingress protection code	
Light Technical Upward light output ratio Luminous Flux	5 5,197 lm	Ingress protection code  Mech. impact protection code	IK10 [20 J vandal-resistant]
Light Technical Upward light output ratio Luminous Flux Standard tilt angle posttop	5 5,197 lm	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I
Light Technical Upward light output ratio Luminous Flux Standard tilt angle posttop Standard tilt angle side entry	5 5,197 lm -	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)	5 5,197 lm - - 4000 K	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I
Light Technical Upward light output ratio Luminous Flux Standard tilt angle posttop Standard tilt angle side entry Correlated Color Temperature (Nom) Luminous Efficacy (rated) (Nom)	5 5,197 lm - - 4000 K 167 lm/W	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)	5 5,197 lm - - 4000 K 167 lm/W >70	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I +/-7%
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources	5 5,197 lm 4000 K 167 lm/W >70	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5
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Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compl	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2
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Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover 17°	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2
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Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage  Line Frequency  Inrush current	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover 17° Metronomis distribution symmetrical  220 to 240 V 50 to 60 Hz 46 A	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2  Itiant) L 10 % L80
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage  Line Frequency  Inrush current  Inrush time	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover 17° Metronomis distribution symmetrical  220 to 240 V 50 to 60 Hz 46 A 0.25 ms	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2  Liant) L80
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage  Line Frequency  Inrush current  Inrush time  Power Consumption	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover 17° Metronomis distribution symmetrical  220 to 240 V 50 to 60 Hz 46 A 0.25 ms 34.5 W	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2  Itiant) L 10 % L80
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage  Line Frequency  Inrush current  Inrush time  Power Consumption  Power Factor (Fraction)	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover 17° Metronomis distribution symmetrical  220 to 240 V 50 to 60 Hz 46 A 0.25 ms 34.5 W 0.96	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2  Liant) L80  25 °C 0% (digital)
Light Technical  Upward light output ratio  Luminous Flux  Standard tilt angle posttop  Standard tilt angle side entry  Correlated Color Temperature (Nom)  Luminous Efficacy (rated) (Nom)  Color rendering index (CRI)  Number of light sources  Light source color  Optical cover type  Luminaire light beam spread  Optic type outdoor  Operating and Electrical  Input Voltage  Line Frequency  Inrush current  Inrush time  Power Consumption  Power Factor (Fraction)  Connection	5 5,197 lm 4000 K 167 lm/W >70 1 740 neutral white Polycarbonate bowl/cover 17° Metronomis distribution symmetrical  220 to 240 V 50 to 60 Hz 46 A 0.25 ms 34.5 W 0.96 Screw connector	Ingress protection code  Mech. impact protection code  Surge Protection (Common/Differential)  Protection class IEC  Initial Performance (IEC Compliant)  Luminous flux tolerance  Initial chromaticity  Power consumption tolerance  Init. Color Rendering Index Tolerance  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life 100000 h  Lumen maintenance at median useful life* 100000 h  Application Conditions  Performance ambient temperature Tq  Maximum dim level  Product Data  Order product name	IK10 [20 J vandal-resistant] Philips standard surge protection level Safety class I  +/-7% (0.380, 0.380) SDCM <5 +/-10% +/-2  Iliant) 10% L80  BDS650 GRN50-3S/740 PSR I MDS D9 60
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# **Metronomis LED Torch**

Order code	910925863342
Material Nr. (12NC)	910925863342
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696347539

Numerator - Packs per outer box	1
EAN/UPC - Case	8718696347539



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