# **PHILIPS** Lighting



# Metronomis LED Torch

# BDS650 GRN25-3S/740 PSR-CLO II MDM DF C4

Metronomis LED, LED GreenLine 2500 lm, Power supply unit regulating with constant light output, Metronomis distribution medium

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**

GRN25 [LED GreenLine 2500 lm]
Yes
1 unit

Driver included	Yes
Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based

## **Metronomis LED Torch**

	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		
Light source engine type	LED		
Product family code	BDS650 [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	1,961 lm		
Standard tilt angle posttop	-		
Standard tilt angle side entry	-		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	82 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	48° x 66°		
Optic type outdoor	Metronomis distribution medium		

#### **Operating and Electrical**

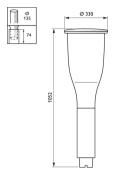
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Initial CLO power consumption	14.118 W	
Average CLO power consumption	16.109 W	
End CLO power consumption	18.1 W	
Inrush current	22 A	
Inrush time	0.29 ms	
Power Consumption	18.1 W	
Power Factor (Fraction)	0.96	
Connection	Screw connector	
Cable	Cable 0.45 m without plug	
Number of products on MCB of 16 A type	20	
В		

Temperature			
Ambient temperature range	-40 to +50 °C		
Ambient temperature range	-40 10 +30 C		
Controls and Dimming			
Dimmable	Νο		
Driver/power unit/transformer	Power supply unit regulating with constant		
	light output		
Constant light output	Yes		
Mechanical and Housing			
Housing Material	Aluminum		
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	Spigot for diameter of firm		
Optical cover finish	-		
•	- 990 mm		
Overall height	330 mm		
Overall diameter			
Effective projected area	0.274 m <sup>2</sup>		
Annual and Annulisation			
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 Deutermanas (IEC Compliant)			
Initial Performance (IEC Compliant)			
Luminous flux tolerance	+/-7%		
Initial chromaticity	(0.380, 0.380) SDCM <5		
Power consumption tolerance	+/-10%		
Init. Color Rendering Index Tolerance	+/-2		
Over Time Performance (IEC Compl			
Control gear failure rate at median useful			
life 100000 h			
	10 %		
Lumen maintenance at median useful			
Lumen maintenance at median useful life* 100000 h	10 %		
life* 100000 h	10 %		
life* 100000 h Application Conditions	10 % L100		
life* 100000 h	10 %		
life* 100000 h Application Conditions Performance ambient temperature Tq	10 % L100		
life* 100000 h Application Conditions Performance ambient temperature Tq Product Data	10 % L100 25 ℃		
life* 100000 h Application Conditions Performance ambient temperature Tq	10 % L100 25 °C BDS650 GRN25-3S/740 PSR-CLO II MDM D		
life* 100000 h Application Conditions Performance ambient temperature Tq Product Data	10 % L100 25 ℃		
life* 100000 h Application Conditions Performance ambient temperature Tq Product Data	10 % L100 25 °C BDS650 GRN25-3S/740 PSR-CLO II MDM D C4		
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life* 100000 h Application Conditions Performance ambient temperature Tq Product Data Order product name Full product name	10 % L100 25 °C BDS650 GRN25-3S/740 PSR-CLO II MDM DI C4 BDS650 GRN25-3S/740 PSR-CLO II MDM DI C4		

### **Metronomis LED Torch**

Numerator - Quantity Per Pack	1	EAN/UPC - Case	8718291885399
EAN/UPC - Product/Case	8718291885399		
Numerator - Packs per outer box	1		

#### **Dimensional drawing**





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