



# Metronomis LED Torch

## BDS650 GRN40-3S/740 PSR I MDS D9 76

Metronomis LED - LED GreenLine 4000 lm - Power supply unit with DALI interface - Metronomis distribution symmetrical - Spigot for diameter 76 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	
Number of light sources	1 [ 1 pc]
Lamp family code	GRN40 [ LED GreenLine 4000 lm]
Lamp version	2S [ 2nd generation, screw fixation]
Light source colour	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	PSD [ Power supply unit with DALI interface]
Driver included	Yes

Optical element	No [ -]
Optical cover/lens type	PC [ Polycarbonate bowl/cover]
Luminaire light beam spread	17°
Embedded control	No [ -]
Control interface	DALI
Light regulation	Dimming via external communication DALI
Electrical circuit protection	-
Connection	Screw connector
Cable	-

# Metronomis LED Torch

Protection class IEC	Safety class I
Coating	-
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Outdoor optic type	Metronomis distribution symmetrical
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	BDS650 [ Metronomis LED]

## Light Technical

Std deviation colour matching	5
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.)	0.98

## Controls and Dimming

Dimmable	Yes
----------	-----

## Mechanical and Housing

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

Mounting device	76 [ Spigot for diameter 76 mm]
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall height	990 mm
Overall diameter	330 mm
Effective projected area	0.274 m <sup>2</sup>
Colour	Grey

## 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	3373 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	91 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	>70
Initial chromaticity	(0.380, 0.380) SDCM <5
Initial input power	32 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

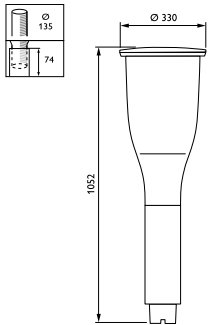
Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	0% (digital)

## Product Data

Full product code	871829188519100
Order product name	BDS650 GRN40-3S/740 PSR I MDS D9 76
EAN/UPC – product	8718291885191
Order code	88519100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925437991
Net weight (piece)	11.468 kg

# Metronomis LED Torch

## Dimensional drawing



Metronomis LED BDS650-670

