



# Metronomis LED Fluid

## BDS670 LED80-4S/740 I MDM D9 STD 60

Metronomis LED - LED module 8000 lm - LED - 740 neutral white - Power supply unit with DALI interface - 220 to 240 V - 50 to 60 Hz - Safety class I - Metronomis distribution medium - Polycarbonate bowl/cover - Grey - Surge protection level up to 10 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	
Lamp family code	LED80 [ LED module 8000 lm]
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 cover/lens type	PC [ Polycarbonate bowl/cover]
Luminaire light beam spread	48° x 66°

Control interface	DALI
Connection	Screw connector
Cable	-
Protection class IEC	Safety class I
Flammability mark	NO [ -]
CE mark	CE mark
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Metronomis distribution medium

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Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Constant light output	No
Number of products on MCB (16 A type B)	8
EU RoHS compliant	Yes
LED engine type	LED
Serviceability class	Class A, the luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge-protection device, optics, front cover and mechanical parts
Product family code	BDS670 [ Metronomis LED]

## Light Technical

Upward light output ratio	4.92
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	53 A
Inrush time	0.3 ms
Power factor (min.)	0.97

## Controls and Dimming

Dimmable	Yes
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## Mechanical and Housing

Housing material	Aluminium
Reflector material	Polycarbonate
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
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 <sup>2</sup>
Colour	Grey

Dimensions (height x width x depth)	990 x NaN x NaN mm (39 x NaN x NaN in)
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## 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)	Surge protection level up to 10 kV

## Initial Performance (IEC Compliant)

Initial luminous flux	6800 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	146 lm/W
Init. Corr. Colour Temperature	4000 K
Init. Colour rendering index	≥70
Initial chromaticity	(0.3818, 0.3796) SDCM <5
Initial input power	46.5 W
Power consumption tolerance	+/-11%

## Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life 100,000 h	10 %
Lumen maintenance at median useful life* 100,000 h	L98

## Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Programmable

## Product Data

Full product code	871951419982800
Order product name	BDS670 LED80-4S/740 I MDM D9 STD 60
EAN/UPC – product	8719514199828
Order code	19982800
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	910925868187
SAP net weight (piece)	16.610 kg



