



Type of luminaire

Type of luminaire	Post light fixture.
Photometric body	Four side light distribution covered from the top.
Characteristics of the luminaire	A bollard luminaire for lighting private areas, gardens, and other architectural applications

General information

Materials	Hot-dip galvanized steel. Hot-dip galvanized and powder-coated steel. Lens - clear polycarbonate, UV stabilized. Silicone gasket.
Mounting method	Mounting of the fixture: 3 holes ø9mm in diameter ø85mm every 120° Other accessories must be purchased separately
Terminal	Connection terminals: max 3x4mm ² Possibility to connect the luminaire in loops max 3x2,5mm ² Round insulated cable with a maximum diameter of ø12,5mm
Type of light source	LED module, electronic power supply Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.
Light control	Non-dimmable fixture
Luminaire weight net / gross	8,6kg / 9,1kg
Box dimensions [cm]	16cm x 16cm x 93cm

Technical data

4 LED modules.	Yes
Driver	Yes
Driver durability	100000h
Light source wattage	9,9W
Luminaire wattage	12,7W
Lamp luminous flux	1424lm
Luminaire luminous flux	593lm
Efficiency of the luminaire	46,7lm/W
ULOR	0%
Color temperature	3000K
Colour consistency (McAdam ellipse)	SDCM3
Flicker of light (Pst LM)	≤1
Strobe effect (SVM)	≤0.4
Colour rendering index CRI	80
L70B50 [wg LM-80]	>72 000h
Power Factor luminaire	PF 0,98
THD factor	10%
Ta Rated temperature	+25°C
Ambient operating temp. range	Ta max=+65°C

This product contains light sources of energy efficiency class **A** / **E** / **EPREL**

Inrush current	20A / 200µs
BUG rating	B0-U1-G0

Maximum number of luminaires of this type per MCB:

B 10A: 40, B 16A: 60

Accessories sold separately

208ZX0009	Concreting anchor
207GA0010	Adapter for concrete foundation

Spare parts

ZS891zx0012	Service set.
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Files to download

Photometric LDT files	Photometric IES files
Manual	



Indexes		
Index	Color	RAL
891BL	BLACK	9005
891GA	HOT-DIP GALVANIZING	-

Other colors according to the "Colors Template" pattern book - available on request, subject to agreement with Norlys' Sales Department.