



Type of luminaire

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

General information

Materials	Hot-dip galvanized steel. Hot-dip galvanized and powder-coated steel. Lens - clear polycarbonate, UV stabilized. Silicone gasket.
Mounting method	Fixture mounting: 3 holes with $\varnothing 9\text{mm}$ on a diameter of $\varnothing 85\text{mm}$ at 120° . Other accessories must be purchased separately.
Terminal	Connection terminals: max $3 \times 4\text{mm}^2$, possibility to loop the fixture max $3 \times 4\text{mm}^2$. Cable in a round sheath with diameter: $\varnothing 8 \dots 12\text{mm}$ or $\varnothing 10 \dots 13.6\text{mm}$.
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
Luminaire dimensions [cm]	14cm x 14cm x 89cm

Technical data

LED module	Yes
Driver	Yes
Driver durability	50000h
Light source wattage	7,4W
Luminaire wattage	8,8W
Lamp luminous flux	1370lm
Luminaire luminous flux	543lm
Efficiency of the luminaire	61,7lm/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
L80B20 [wg LM-80]	$> 45\,660\text{h}$
L70B50 [wg LM-80]	$> 102\,000\text{h}$
Power Factor luminaire	PF 0,98
THD factor	10%
Ta Rated temperature	$+25^\circ\text{C}$
Ambient operating temp. range	TA MAX= $+65^\circ\text{C}$

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

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

Accessories sold separately

208ZX0009	Concreting anchor
207GA0010	Adapter for concrete foundation

Spare parts

ZS891zx0013	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.