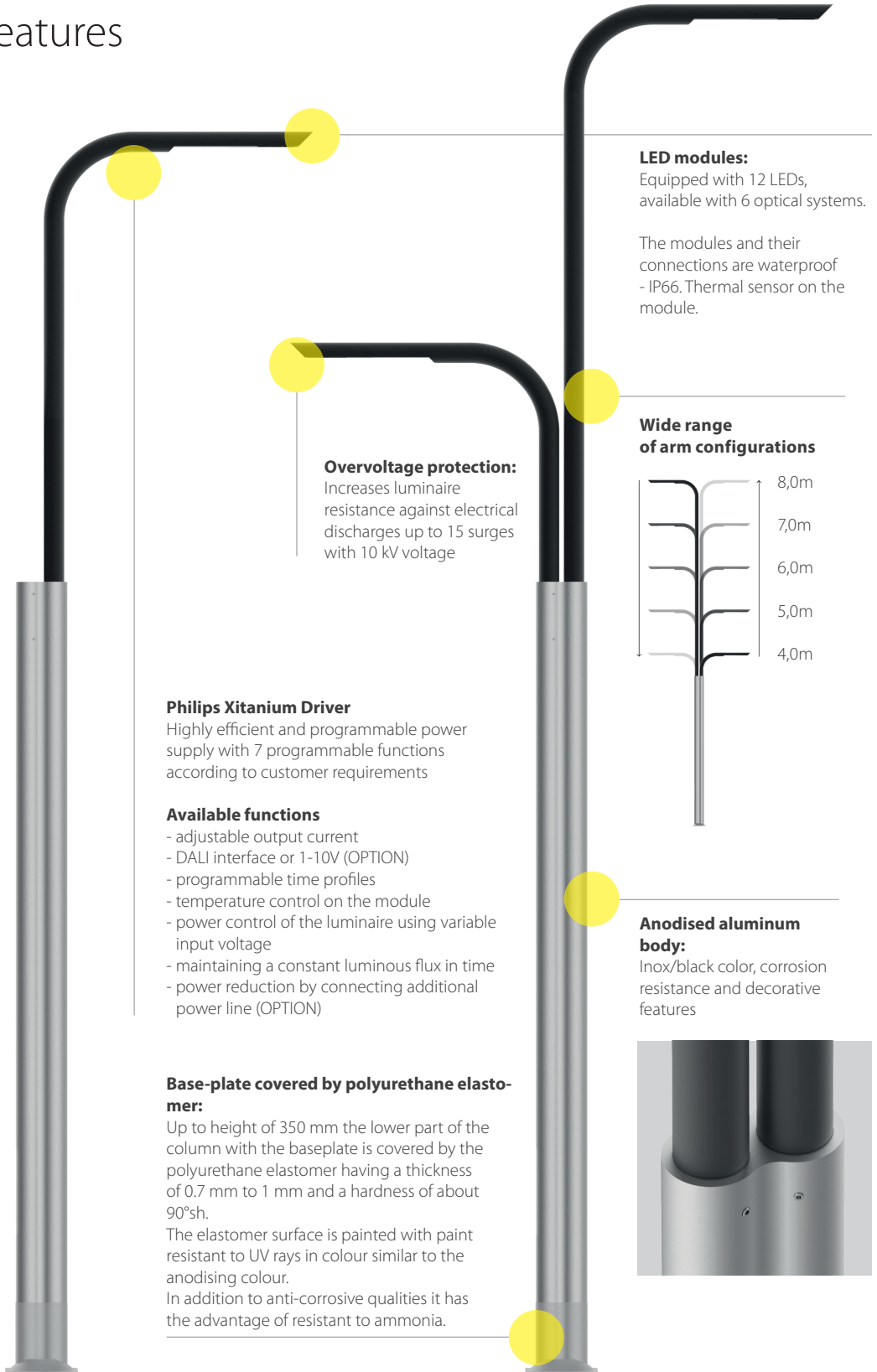


ROSA®



SNAKE LED

Features



LED modules:

Equipped with 12 LEDs, available with 6 optical systems.

The modules and their connections are waterproof - IP66. Thermal sensor on the module.

Overvoltage protection:

Increases luminaire resistance against electrical discharges up to 15 surges with 10 kV voltage

Philips Xitanium Driver

Highly efficient and programmable power supply with 7 programmable functions according to customer requirements

Available functions

- adjustable output current
- DALI interface or 1-10V (OPTION)
- programmable time profiles
- temperature control on the module
- power control of the luminaire using variable input voltage
- maintaining a constant luminous flux in time
- power reduction by connecting additional power line (OPTION)

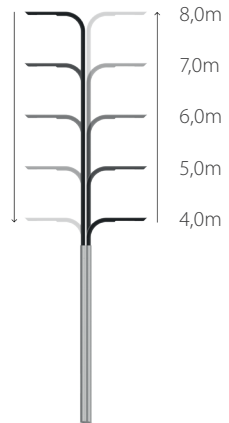
Base-plate covered by polyurethane elastomer:

Up to height of 350 mm the lower part of the column with the baseplate is covered by the polyurethane elastomer having a thickness of 0.7 mm to 1 mm and a hardness of about 90°sh.

The elastomer surface is painted with paint resistant to UV rays in colour similar to the anodising colour.

In addition to anti-corrosive qualities it has the advantage of resistant to ammonia.

Wide range of arm configurations



Anodised aluminum body:

Inox/black color, corrosion resistance and decorative features

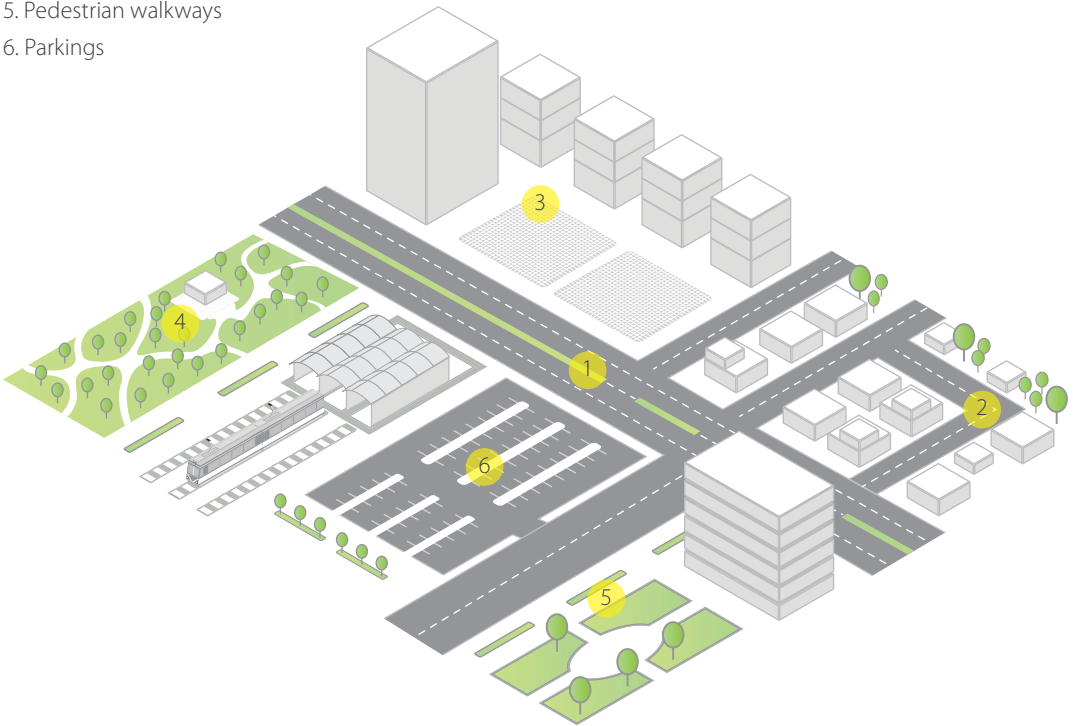


SNAKE LED

- energy-saving and ecological light source
- modern and decorative design
- variety of optics
- resistant to corrosion and harmful external factors
- base-plate covered by polyurethane elastomer as standard
- wide range of arm configurations from 4m to 8m
- light source life-time of L90F10 - 50 000h, L80F20 - 100 000h
- wide luminaire operating temperature range from -40° C to + 55° C

Application

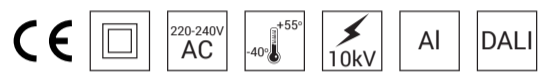
1. Urban roads
2. Residential streets
3. Office buildings surrounding
4. Parks
5. Pedestrian walkways
6. Parkings





SNAKE LED

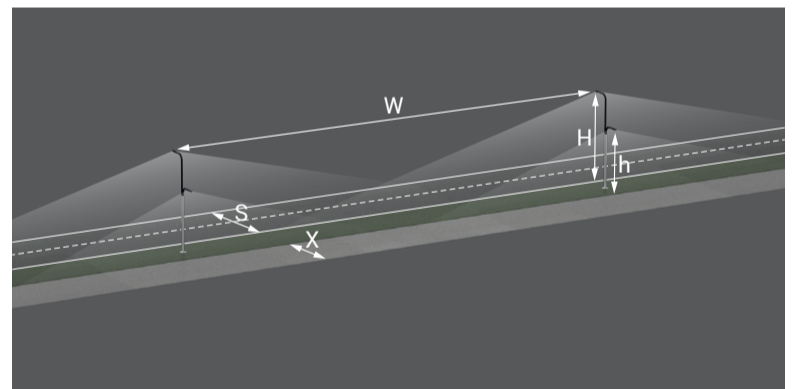
The original design of the set gives character to the illuminated location. SNAKE LED is constructed of aluminium profile protected with anodic coating. The use of high-quality LEDs ensures even and efficient lighting.



Environmentally friendly production and operation

Manufacturing process of SNAKE LED is carried out with the use of energy efficient and sustainable methods. Aluminium housing is 100% recyclable. LEDs used do not emit UV infrared radiation and consume less energy compared to traditional light sources, resulting in reduction of CO₂ emission. Luminous efficacy at the luminaire level up to 130lm/W.

Lighting example



Single carriageway with two lanes + sidewalk

SNAKE LED 36W, 4000K, DW and 24W, 4000K, SP

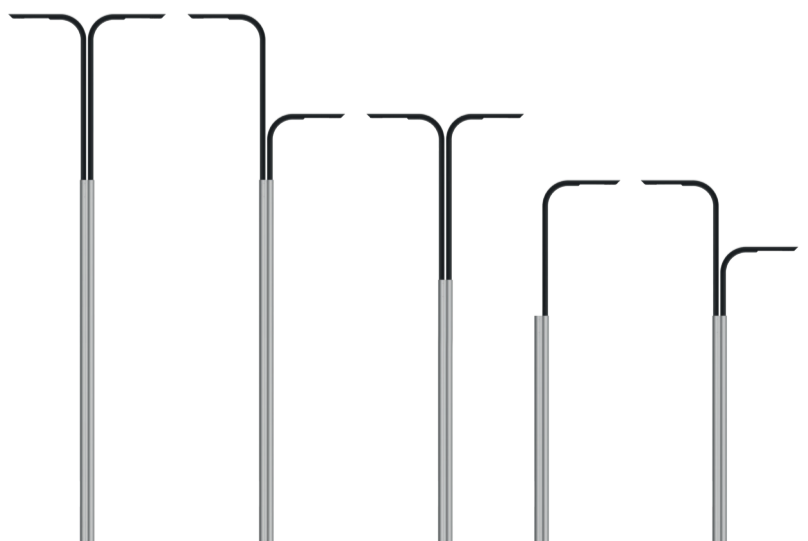
Parameters:

- H - height of the set, arm #1: 6 m
- h - height of the arm #2: 5 m
- W - column spacing - 30 m
- s - sidewalk width - 4 m
- S - road width - 6 m

LIGHTING CLASS

- C4 - ROAD
- P2 - SIDEWALK

Arm configuration example



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