

ROSA®



CUT-8 LED

CUT-8 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
- light source life-time of L90F10 - 50 000h, L80F20 - 100 000h
- wide luminaire operating temperature range from -40° C to + 55° C
- anodised in 10 colours, each with possibility of chemical brightening

Application

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





Overvoltage protection:

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

Interchangeable LED module

Waterproof LED module. Equipped with 12 or 24 LEDs, available with 6 optical systems.

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)

Anodised aluminum body:

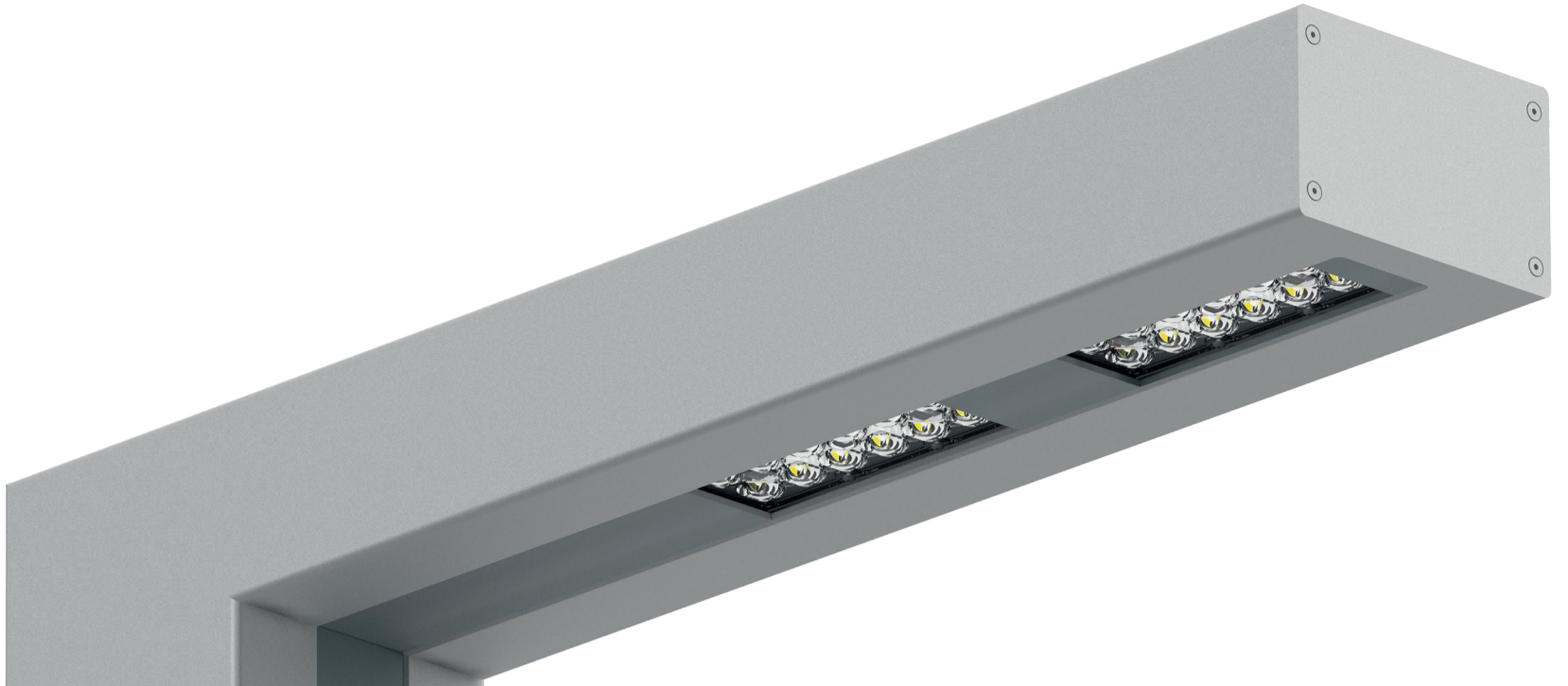
Inox colour with a distinctive grey decorative stripe

Base-plate covered by polyurethane elastomer:

Up to height of 350 mm the lower part of the column with the baseplate is covered by 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.

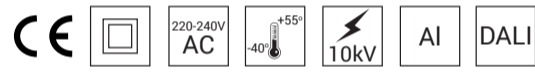
In addition to anti-corrosive qualities it has the advantage of resistant to ammonia.

Features



CUT-8 LED

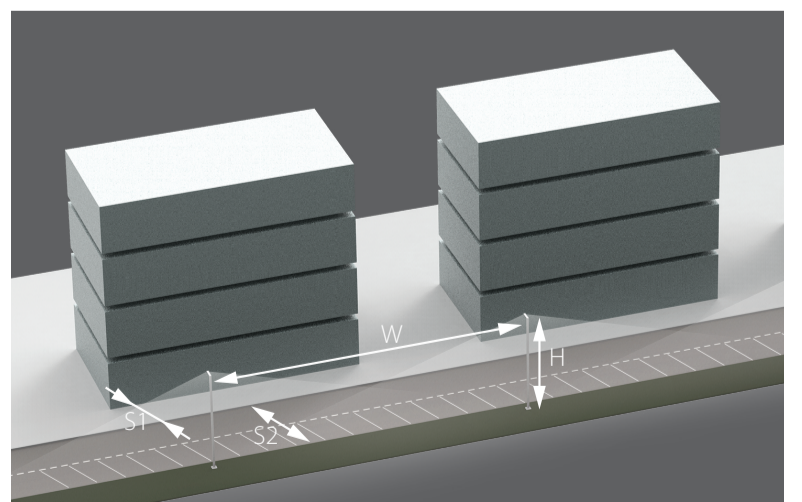
The original design of the set gives character to the illuminated location. CUT-8 LED is made of aluminum profile protected with anodic coating. The use of high-quality LEDs ensures even and efficient lighting.



Environmentally friendly production and operation

Manufacturing process of CUT-8 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 118lm/W.

Lighting example



Road with parking spaces and sidewalk

CUT-8 LED 72W, optic T3

Parameters:

H - height of the set: 8 m
W - column spacing: 25 m
S1 - sidewalk width - 3 m
S2 - road width: 7 m

LIGHTING CLASS C2

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