



CUT-8 LED

CUT-8 LED

- energy-saving and ecological light source
- modern and decorative design
- optics diversity
- resistant to corrosion and harmful external factors
- base-plate covered by polyurethane elastomer as standard
- light source life-time of 50 000 hours (L90F10)
- wide luminaire operating temperature range from -40° C to + 55° C
- anodised in 10 colours, each with the possibility of finish in matt or silk

Application

1. Town squares
2. City roads and residential areas
3. Parking areas
4. Industrial areas
5. Office building surroundings





Overvoltage protection:

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

Replaceable LED modules:

Equipped with 24 LEDs CREE XP-L or XT-E, available with 4 optical systems.

The modules and their connections are waterproof - IP66, have a thermal sensor.

Driver Philips Xitanium

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

Available functions:

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

Anodised aluminum housing:

In inox colour with a distinctive grey decorative stripe

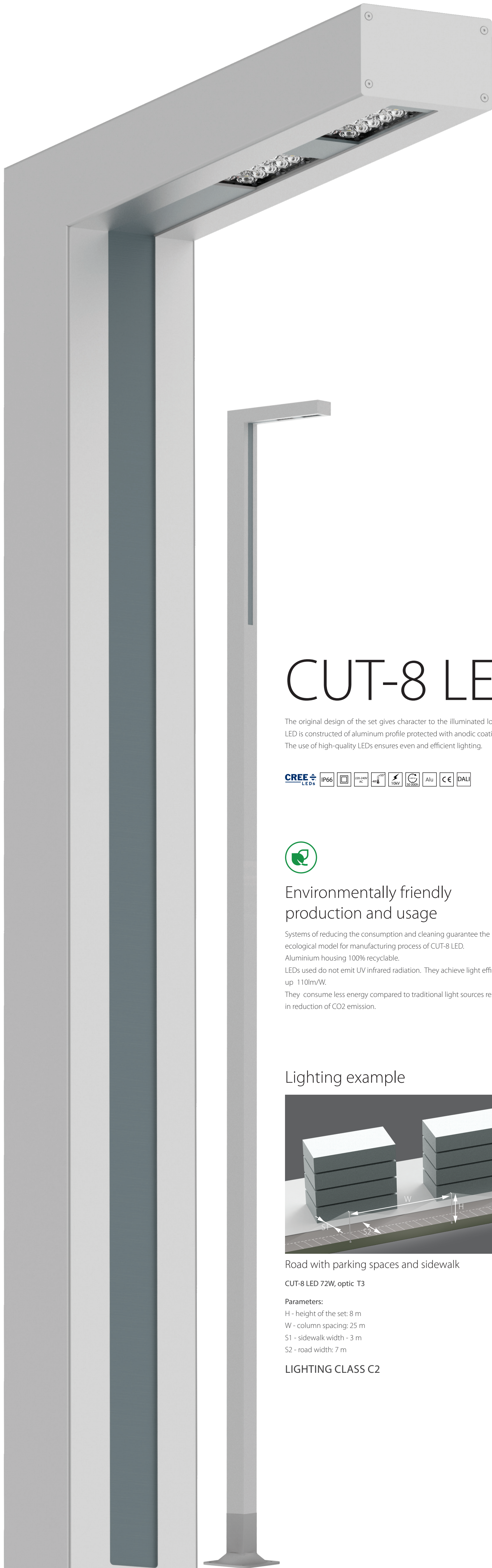
Base-plate covered by polyurethane elastomer:

Up to height of 350 mm the lower part of the column with the base 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.

Features



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

CREE LEDs IP66 220-240V AC 40° 55° 10kV 50,000h Alu CE DALI



Environmentally friendly production and usage

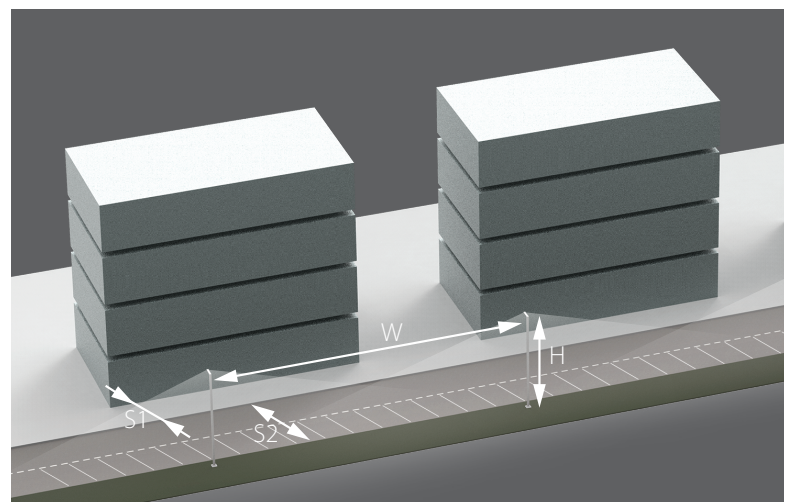
Systems of reducing the consumption and cleaning guarantee the ecological model for manufacturing process of CUT-8 LED.

Aluminium housing 100% recyclable.

LEDs used do not emit UV infrared radiation. They achieve light efficiency up 110lm/W.

They consume less energy compared to traditional light sources resulting in reduction of CO2 emission.

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

1 Strefowa Street, PL43109 Tychy, Poland

Sales Department

tel. +48 32 738 89 11 - 17

fax +48 32 329 13 29

www.rosa.pl

