



OW LED

OW LED

- highly productive and efficient LED light sources
- classic design in a modern variant
- resistant to corrosion and harmful external factors
- optics diversity
- light source life-time of 50 000 hours (L90F10)
- wide luminaire operating temperature range from -40°C to $+55^{\circ}\text{C}$

Application

1. City roads (to 8m height)
2. Residential areas
3. Parks
4. Walkways and public squares



Features

Anodised aluminum housing:

in black colour with anticorrosion and decorative features

Overvoltage protection:

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

Driver Osram 4DIM

Highly efficient and programmable

DC power 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)

Diffuser:

Transparent cone-shaped (PMMA)
OW LED is available with or without diffuser

LEDs CREE XP-L and XT-E:

They achieve a light efficiency up to 121 lm/W for the entire luminaire

Two replaceable LED modules:

Waterproof (IP66), with 12 LEDs and 5 optical systems (including new - for symmetric light distribution)

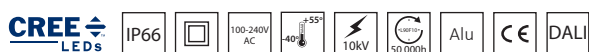
Opening / closing of the luminaire by a hinge provides easy mounting and servicing





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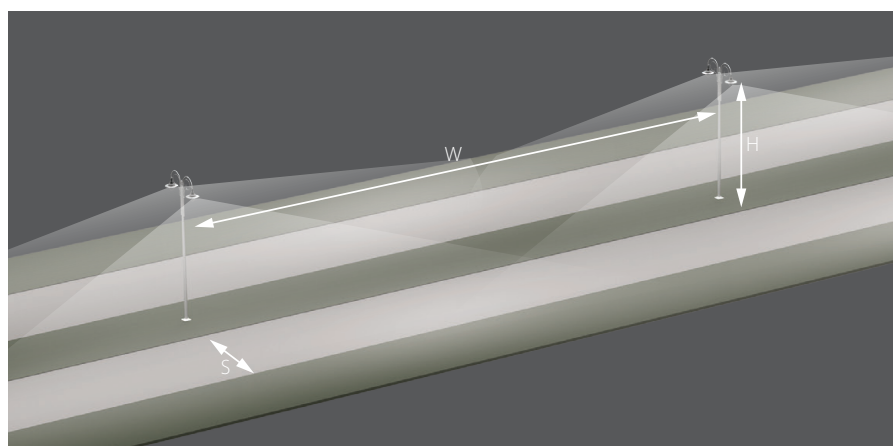
OW LED with its shape refers to the traditional luminaire for discharge sources (OW). OW LED is equipped with a replaceable LED module with LEDs XP- L and XT-E by CREE, a world leader in LED technology, driver Osram and surge protection device. Cap and casing are made of brushed, anodised aluminum which guarantees anticorrosion and decorative features.



Environmentally friendly production and usage

Systems of reducing the consumption and cleaning guarantee the ecological model for manufacturing process of OW LED. Aluminium housing 100% recyclable. LEDs used do not emit UV infrared radiation. They achieve light efficiency up 121lm /W. They consume less energy compared to traditional light sources resulting in reduction of CO₂ emission.

Lighting example



Pedestrian way

OW LED 60W, optic VS

Parameters:

H - luminaire mounting height: 5,9 m

W - column spacing: 28 m

S - sidewalk width: 5 m

LIGHTING CLASS C3

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