

ROSA®



OW LED

# OW LED

- highly efficient LED light sources
- classic design in a modern variant
- resistant to corrosion and harmful external factors
- variety of optics
- 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. Parks
4. Pedestrian walkways
5. Bicycle routes
6. Pedestrian crossings
7. Parkings



# Features

## Anodised aluminum body:

Black colour, anti-corrosion and decorative features

## 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)

## LEDs

Luminous efficacy up to 129lm/W at the luminaire level.

## Interchangeable LED modules:

Waterproof LED modules. Available with 7 optical systems

## Diffuser:

Cone-shaped made of polymethyl methacrylate (PMMA)

transparent

frosted

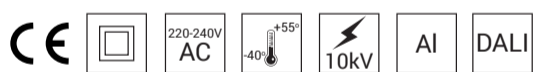


Opening / closing of the luminaire by a hinge provides easy mounting and servicing



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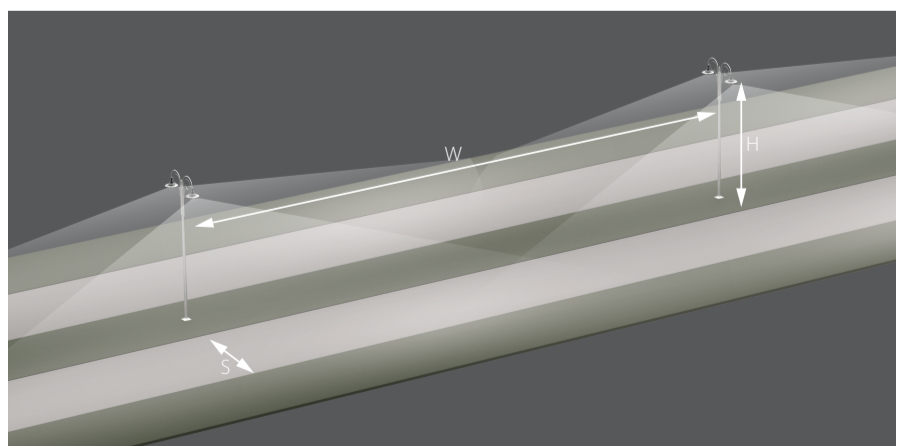
OW LED with its shape refers to the traditional luminaire for discharge sources (OW). OW LED is equipped with a interchangeable LED modules, driver Philips and surge protection device. Luminaire body is made of brushed, anodised aluminum which guarantees anticorrosion and decorative features.



## Environmentally friendly production and operation

Manufacturing process of OW 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 CO<sub>2</sub> emission. Luminous efficacy at the luminaire level up to 129lm/W.

## Lighting example



Pedestrian walkway

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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