

New!  
Generation 2



Light in perfect form

DL<sup>®</sup> 50

A pioneering range of luminaires for technical-decorative road lighting.  
Light is OSRAM

**OSRAM**

# The right solution for any application



A single luminaire range for highly diverse tasks: the DL° 50 is available as both a mast and catenary luminaire, and thanks to various light distributions and three light colours is ideal for applications throughout towns or cities – ranging from historic plazas and new residential roads to narrow paths in parks and multi-lane collection roads.



# A single luminaire family in perfect form

Good design is simple, clear and convincing. With its uniform style of design, the DL® 50 range of luminaires provides new options for urban lighting.

The starting point is a housing concept featuring two construction sizes, the design referencing the characteristic basic form of technical decorative road luminaires in a discreet but concise way.

Technologically the DL® 50 exploits all the advantages of innovative LED road luminaires, and now especially with its second generation of LED modules. Long-term cost benefits are provided by improved efficiency, long service life and almost complete freedom from maintenance. Suitable control options such as the new constant luminous flux tracking (CLO 2.0) enable further optimisation.



#### light distribution : mast luminaire

##### DL® 50 mini

P1.0a (asymm. extremely wide dist.)

ST 1.2a (asymm. wide distribution)

##### DL® 50 midi

ST1.2a (asymm. wide distribution)

#### light distribution: catenary luminaire

##### DL® 50 mini

ST0.5s (symm. wide distribution)

P1.0s (symm. extremely wide dist.)

##### DL® 50 midi

ST0.5s (symm. wide distribution)

ST.1.2s (symm. wide distribution)

Find technical details, order data and a film about the DL® 50 at [www.osram.com/dl50](http://www.osram.com/dl50)



#### The DL® 50 at a glance

- Complete family for technical decorative road lighting with lumen outputs from 1400 lm to 15150 lm
- High efficiency and long lifespan due to precisely matched components
- Standard-compliant road lighting with consistent, integrative design
- Flexible mounting options as post-top, side entry or catenary luminaire
- Innovative control functions
- Simple installation with pre-assembled connection cable

#### New with Generation 2:

- Additional light distribution characteristic with catenary luminaires (ST0.5s) for narrow roads
- Improved efficiency to 125 lm/W
- New constant luminous flux tracking (CLO 2.0) for further energy savings

# More comfort and new ideas

With the DL® 50, intelligent control electronics means that precisely the quantity of light required is emitted. This improves the levels of energy efficiency and quality of life in public spaces – and completely exploits the potential of mature LED technology.

Thanks to intelligent control, luminaires can be set individually or in groups according to the application and dimming values and periods can be specified, meaning operation is according to requirements and with optimised energy consumption.

## Smart Lighting – CLO 2.0

The new generation of DL® 50 luminaires feature the patented CLO 2.0 control option. Until now constant luminous flux tracking was based on values measured and determined under laboratory conditions, but with CLO 2.0 the real ambient conditions and past values are used to which the luminaire is exposed: temperature, wind and rain. Integrated sensors carry out measurements and the control unit regulates output power accordingly to achieve the required luminous flux.

This achieves additional energy savings of around 6%.

## Nothing simpler for installers

Why make it complicated when it could be easy?

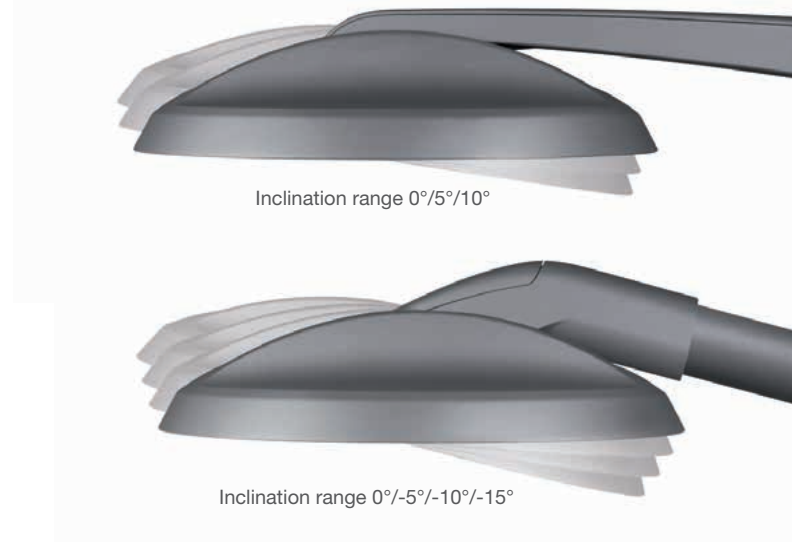
All DL® 50 catenary luminaires have an external plug connector enabling very quick connection. Mast mounting is also smart – one connection for side-entry mounting and one for post-top mounting, suitable for mini and midi.

A visually uniform design, technically convincing and with simple handling.



### Protection of resources

If the LED module or gear tray is replaced, 90% of the luminaire is kept. Also possible: maintenance on the mast during ECG replacement.



### Convenient

The external plug connector enables very rapid luminaire replacements – any traffic congestion is minimised.



# Complete lighting solutions – precisely according to your needs



## A perfect decision both day and night

Good light serves as a business card for any location and is an inherent part of convincing city marketing. Balanced lighting has a sense of welcome and increases attractiveness, inviting to stay and linger on squares, communicating a feeling of safety and also helping with orientation.

**Urban Lighting** in this sense is more than just technical road lighting because it merges visually into the background at night while decorative luminaires remain part of the

cityscape and roadscape during both day and night. Good lighting concepts are based on uniform overall appearances with a homogeneous luminaire design, harmonious illumination and coordinated light colours – from paths in parks to multi-lane thoroughfares. Precisely this is achieved with holistically designed and diverse luminaire ranges such as the DL® 50.

## Light and design point the way

OSRAM Lighting Solutions sets new standards with innovative and customised lighting solutions, thereby creating global added value for customers.

The passion, decades of experience and profound expertise with light enable breathtaking, innovative and state-of-the-art lighting solutions to be designed for a sustainable and energy-efficient future.

With our flagship brands of OSRAM, Siteco and Traxon Technologies we offer intelligent, flexible and future-safe solutions and services precisely where needed – on-location and worldwide.

# Services – us for you

## Contracting

Contracting combines our financing concepts with additional services such as maintenance



## Financing concepts

Light is an investment in the future. Our financing concepts mean you don't need to pay for the future today

## Individual solutions

Developing individually designed luminaires and/or lighting solutions according to customer requirements



## Lighting design consultation

Support with your lighting design if required, ranging from selecting luminaire systems and lighting application concepts to luminaire setting and measurements and the visualisation of your lighting projects

## Operation service

Our work does not end when the lights are on. Remote monitoring, maintenance and content management are just part of our diverse range of services



## Commissioning

OSRAM Lighting Solutions gets the light going – where, when and how you need it

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Our Brands

**siteco** **traxon** **ecue**

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