

A tall, slender street lamp with a circular light fixture at the top, illuminated against a twilight sky. The lamp is the central focus, with several other similar lamps visible in the background. To the right, a building with a gabled roof and a gutter is partially visible. The overall scene is a residential street at dusk.

# DL<sup>®</sup> 30

Modern lighting for residential streets,  
urban plazas and paths.

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# Complete lighting solutions – precisely according to your needs



## A perfect appearance day and night

Good light serves as a business card for any location and is an inherent part of convincing city marketing. Balanced lighting increases the sense of appeal. It invites to stay and linger on squares, communicates a feeling of safety and also helps 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 a part of the cityscape and road appearance during the day and night, as well as providing visible elements of orientation. Good lighting concepts are based on uniform appearances and harmonious illumination with coordinated light colours – with applications ranging from parking routes and urban plazas to residential streets. As achieved with holistically designed luminaires such as the DL® 30.

## Light and design point the way

SITECO sets new standards with innovative and customised lighting solutions, creating global added value for customers. The passion, decades of experience and profound expertise with light enables breathtaking, innovative and state-of-the-art lighting solutions to be designed for a sustainable and energy-efficient future.

# The right solution for any application

High quality light and visual guidance – the DL® 30 creates a pleasant atmosphere and aids orientation on the road.



## Visual guidance improves orientation

Many LED road luminaires mainly emit high quantities of light onto roads, but the DL® 30 does much more, converting the high luminance values of the LEDs into glare-free light with harmonious luminance transitions.

The optical guidance of the DL® 30 is a special feature: precisely defined quantities of stray light are emitted onto the mast mounting element and reflected by its surface. This effect is so discreet that residents are not disturbed and are not subjected to glare, but it also has a marking function to serve orientation and improve perception of the road section.



# DL® 30 – for today and tomorrow

Redesigning decorative road lighting with superior product design.

Good design is not just about good looks but applies to all components of a product, providing best possible utilisation and a qualitative appearance. The DL® 30 in this sense meets all aspects of good design, combining a modern construction form with strong aesthetic appeal, mature LED technology with strong performance values and a purist, highly durable and extremely stable luminaire concept.

The DL® 30 consistently implements the possibilities of LED technology in a completely new post-top luminaire – featuring four reflector geometries and two light colours for maximum possible design flexibility. And all in just one modern, pioneering construction for the consistent and uniform design of residential streets, plazas, shopping boulevards, green areas and parking spaces.



## Light distribution

Various lumen packages between 1500lm and 6320lm enable use in diverse lighting classes. Four light distributions are available according to the application.

- Asymmetric wide distribution for crossing areas (ST1.2c)
- Asymmetric wide distribution (ST1.2a)
- Asymmetric extremely wide distribution (P1.0a)
- Symmetric wide distribution (PL1.2s)

## The DL® 30 at a glance

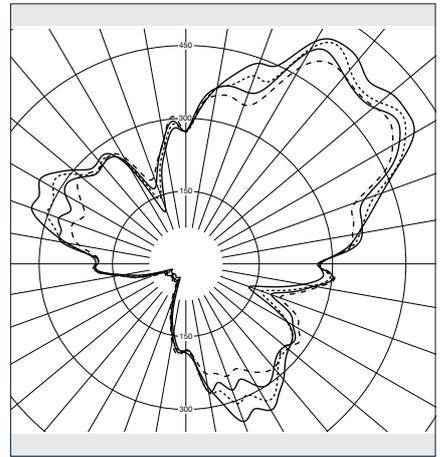
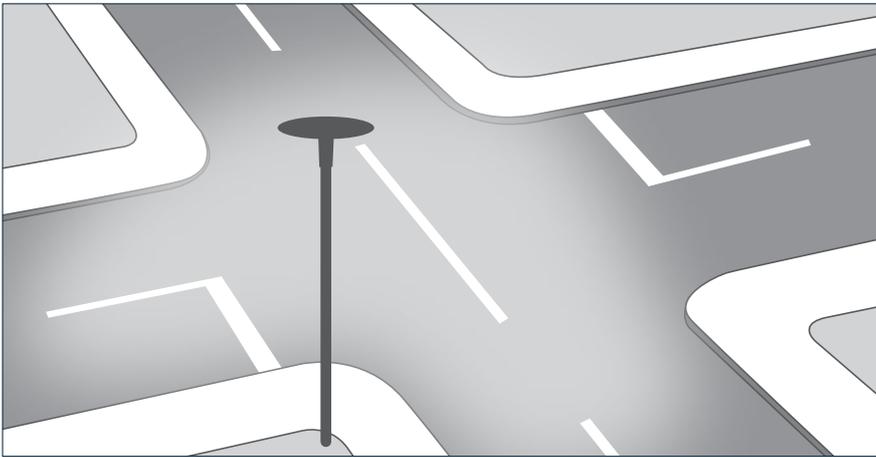
- A single luminaire type for diverse applications (four light distributions, two light colours)
- High efficiency and long lifespan due to matched components
- Vandal-proof (IK08)
- Permanently clear, translucent PMMA cover
- Innovative control functions
- Extremely simple mounting and tool-free maintenance/repair
- New light distribution (ST1.2c) for crossing areas
- Improved efficiency to 119lm/W
- New constant luminous flux tracking (CLO 2.0)

# Time for a new way of thinking in lighting technology

Premium technology for greater comfort and efficiency when lighting public spaces.

Smart solutions for Smart Cities – with the DL® 30 generation, innovative lighting technology and intelligent control go hand-in-hand. In combination they enable the standard-compliant illumination of applications, ranging

from parking routes and residential roads to urban plazas. Precisely the quantity of light is emitted at precisely the right time to precisely where needed – and especially efficient and conveniently due to modern light management.



## "Light around the corner"

The DL® 30 features a new light distribution, enabling it to genuinely illuminate around the corner. This light distribution (ST1.2c) is especially suitable for crossing areas where the light point is located directly

in the apex of the crossing. In this way both adjacent road sections are optimally illuminated. As a mounting aid the correct luminaire alignment is shown on the housing of the luminaire.



## Smart Lighting – CLO 2.0

The DL® 30 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 the output power accordingly to achieve the required luminous flux. This achieves additional energy savings of around 6%.

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