

siteco

DL[®] 30

New esthetic appeal for urban spaces.

Types,
Data sheets,
Configuration – all
at a glance:

DL[®] 30



My city. My light.

Living. Working. Traffic. Digitalization. Environmental protection. Towns and cities are facing major challenges. And in all of this there is one factor above all they must not forget: the people who live there. They need to feel that this is their city.

Lighting is an essential part of the response to the question of what makes a city worth living in. The answer is esthetically pleasing urban solutions from SITECO – like the DL® 30.

Outwardly, the DL® 30 is a single luminaire model for all classic inner city applications – from residential areas via parks and green spaces through striking plazas and busy shopping boulevards. Featuring a high degree of esthetic appeal, an extremely sturdy design and pioneering lighting and control technology, it gives urban living space that extra ambiance, flexibility and feeling of security and safety.

DL® 30 – that is integrated esthetic appeal for urban spaces. For my city.

- **The courage to be different.**

The classic lantern was yesterday. The DL® 30 goes down a completely different design language route, made especially for LEDs: a slimline silhouette and distinct lines, optionally combinable with designer masts.

- **The power to illuminate an entire city.**

Featuring four light distribution patterns, different light colors and outstanding faceted reflector technology, the DL® 30 copes with almost all urban applications in a standards-compliant, glare-free way.

- **The innovation to help shape the future.**

On request, the DL® 30 features Smart Interface upward and downward interfaces (in accordance with Zhaga Book 18 standard) – for state of the art lighting control, wireless interconnectivity and versatile sensors at various configuration levels.



**DL® 30:
now live.**



✓ **Saves time and money**

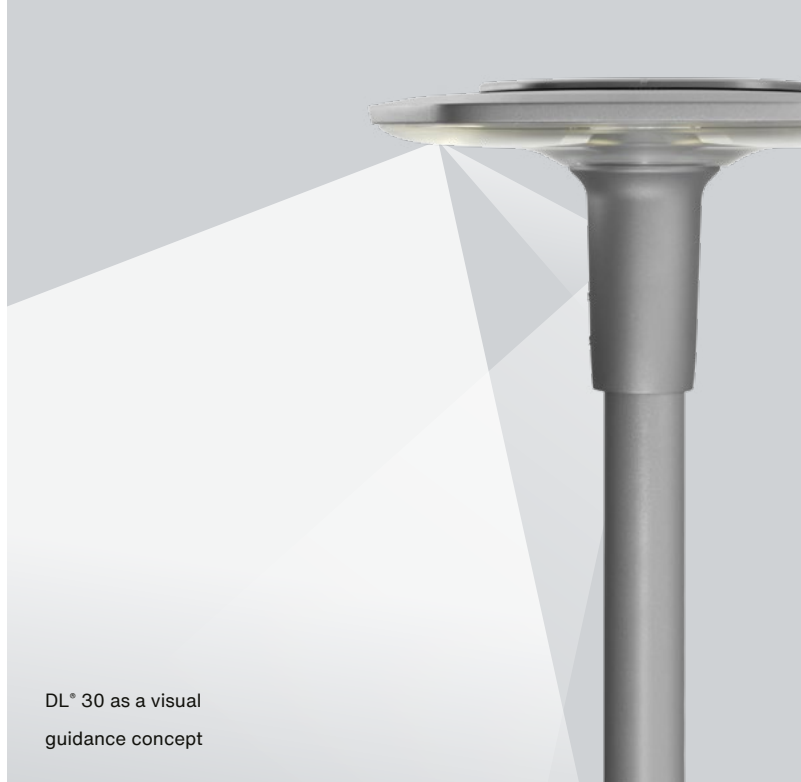
- Convenient installation and no-tools maintenance
- Control parameters can be set straight after installation without requiring a cherry picker on the street
- Simple, quick identification of luminaire using QR code
- Low operating costs and short amortization period thanks to maximum energy efficiency

✓ **Safeguards your decision for the future**

- Can be flexibly upgraded using a Zhaga Book 18 standard Smart Interface to connect control system components retrospectively
- All components are reusable and 100% recyclable

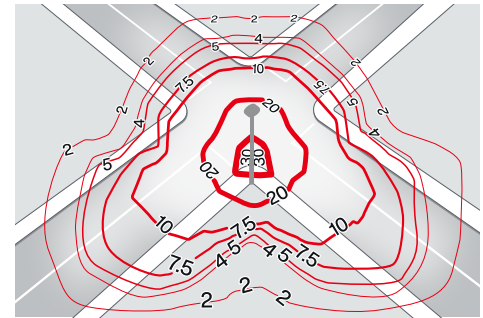
✓ **Creates a sense of security**

- Sustainable replacement concept for ECG unit through automatic data exchange between ECG and LED module
- High-grade materials deliver protection against vandalism and a high level of impact resistance



DL° 30 as a visual
guidance concept

Light around the corner –
actioned with the aid of a new
light distribution pattern.



The high-definition
faceted reflector delivers
precision light control
and glare-free light.



Exceptional kind of light.

In lighting technology terms, there is more to the DL° 30 than just its slimline shape. Sophisticated reflector technology enables minimum quantities of light to illuminate the most mounting detail. This produces a discreet form of visual guidance that provides clear orientation.

In addition to standard light distribution patterns, this luminaire also features a special light for intersections that literally goes around corners. The DL° 30 is located at the vertex of the intersection and illuminates the adjacent road sections perfectly.

Designed to last for generations.

It's good to be different. That is why the DL® 30 has already won an award for its design. But strong, in the truest sense of the word, is what the luminaire's entire structure is as well.

Featuring a housing made of resilient, high-grade die-cast aluminum as well as a permanently clear, translucent PMMA cover, it has an impact resistance rating of IK08. Vandals have no chance of damaging it. This is how the DL® 30 makes itself at home throughout the city, not just in prime locations or upmarket districts.



SITECO urban and park luminaires ...

... accentuate.

Decorative solutions style outdoor spaces day and night. They shine and illuminate – for example with coordinated light colors as well, depending on where they are used.

... invite.

People like being in places where it is pleasant. Decorative light creates atmosphere and ensures people feel good.

More than light.

Solutions such as the DL® 30 do not just simply illuminate a city. Decorative light is an elementary part of a city – day and night. Like purely technical solutions, it promotes traffic safety and enables energy-saving operation that factors in all aspects of environmental protection. And yet it can do so much more at the same time. Urban lighting with high esthetic pretensions gives a city atmosphere and the unmistakable character of that lighting leaves its mark.

My city. My light. SITECO solutions for urban spaces.

... link and structure.

SITECO's urban lighting solutions enable consistent cityscapes to be conceptually designed. Or they intentionally style certain urban zones, for example historic downtowns.

... act as a design feature.

Featuring styling that contrasts, urban luminaires provide esthetic accentuation in cityscapes, on request in combination with self-designed masts.

... provide orientation.

Decorative solutions do not take a back seat at night. They clearly indicate what directions roads take and function as reference points.



DL[®] 30 versions



DL[®] 30 asymmetric

Technical data

Rated luminous flux: from 1,400 to 5,640 lm

Rated input power: up to 43 W

Luminaire efficacy: up to 136 lm / W

Rated service life: up to 100,000 h (L98 / B10)

Recommended mounting height: 4 – 6 m

Applications

Residential streets, collecting roads, cycle paths,
parks, conflict hotspots, intersections

Light distributions

1 2 3 4 (see diagram below)

Applies to all DL[®] 30 versions:

Optical concept

Multizone faceted reflector, made of plastic,
silver-coated, highly specular

Light colors

4,000 K, 3,000 K, 2,200 K on request

Color rendering: CRI > 70 / 80

Luminous intensity classes: G3, G4, G6

Light emission: 0 %

Type of protection

IP66

Safety class: II

Impact resistance: IK08

Post-top mast mounting detail

76 / 60 mm with reducer



DL® 30 symmetric

Technical data

Rated luminous flux: from 3,100 to 6,990 lm

Rated input power: up to 52 W

Luminaire efficacy: up to 134 lm / W

Rated service life: up to 100,000 h (L97 / B10)

Recommended mounting height: 4 – 6 m

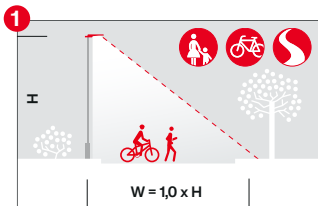
Applications

Inner city areas, plazas, parks

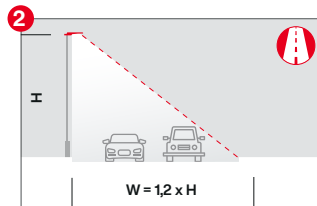
Light distributions

1 2 3 4 (see diagram below)

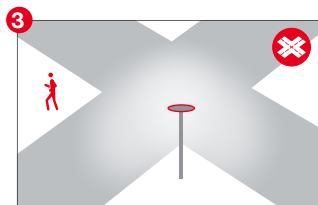
Light distributions for DL® 30 versions:



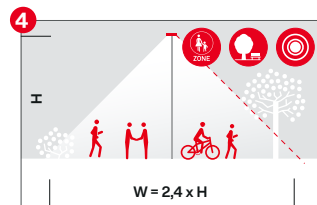
P1.0a – for small paths, streets and cycle paths



ST1.2a – for normal and wide streets



ST1.2c – for intersection areas



PL1.2s – for plazas, parks and pedestrian zones

Benefits provided by modern lighting control systems



Improved safety for people on roads and protection from vandalism



Sustainability through the protection of environmental resources and the animal world



Energy efficiency improvements through dimming according to requirements



Optimized operational management using current diagnostic data and documented systems

Upgrade, control and monitor DL® 30 the smart way:

with SITECO Connect.



Get going quickly with SITECO Connect

From simple control to a connected system.

There is a good reason why people refer to “city lights” when describing the special attraction of urban spaces. SITECO solutions makes cities and communities even more livable. Thanks to efficient, connected and sustainable lighting solutions.

Thanks to a Smart Interface, DL® 30 has standardized interfaces that comply with the Zhaga Book 18 standard, which enables the plug & play installation of a range of compatible radio control systems and sensors.

The Smart Interface not only ensures a secure future, it also enables additional flexibility and greater independence. Cities and municipalities can adopt the control technology gradually – the time of launching or retrofitting can be selected as required.

SITECO Connect 37

SITECO Connect 27

SITECO Connect 17

100 %
Flexibility thanks to upgrades

Start off simply, upgrade flexibly.

Upgrades provide 100% flexibility

SITECO Connect 31: **Individual luminaires**

Individual luminaires are activated or dimmed with a local motion detector.



Example: The motion detector activates just one luminaire.

SITECO Connect 21: **Several luminaires connected locally**

Several luminaires are connected via radio.

The luminaires in the network communicate and synchronize with one another.

The luminaires are synchronously or continuously activated or dimmed.



Example: The motion detector also switches neighboring luminaires via radio link.

SITECO Connect 11: **Several luminaires connected with remote access**


The luminaires are connected via radio.

Settings can be defined from the office via the network with remote access and status messages sent automatically.

Existing inventory and workflow systems like luxData by sixData can be used as a master.



Example: The network of luminaires works synchronously and is remotely monitored.

A tall, slender street lamp stands prominently on the left side of the frame, its circular head glowing with a warm, golden light. The lamp is part of a series of similar fixtures that recede into the distance along a paved path. The sky is a deep, clear blue, suggesting twilight. To the right, a modern building with large windows and a dark roof is partially visible. The overall scene is a quiet, well-lit urban environment at dusk.

Saving valuable energy and creating an attractive living environment for its inhabitants by using light is very important to the small but very progressive municipality of Balgheim.

Project: Municipality of Balgheim, Germany

Product: DL® 30

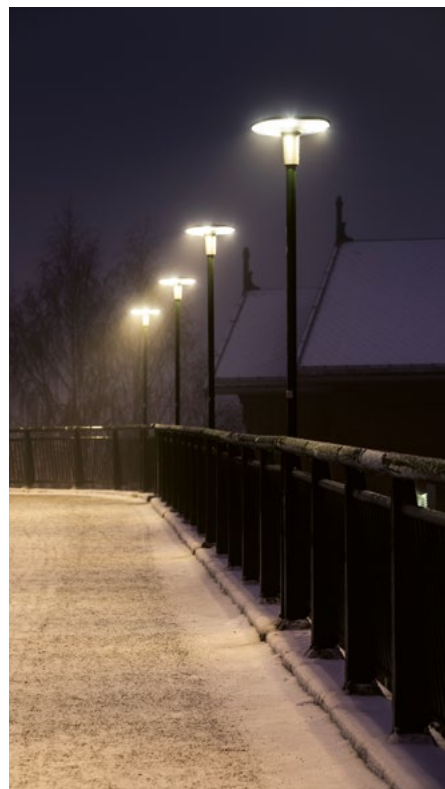


Project: Municipality of Balgheim, Germany
Product: DL® 30

Save energy –
but do it in style.



An eye on the future –
more transparency,
less complexity



Project: Municipality of Baerum, Norway

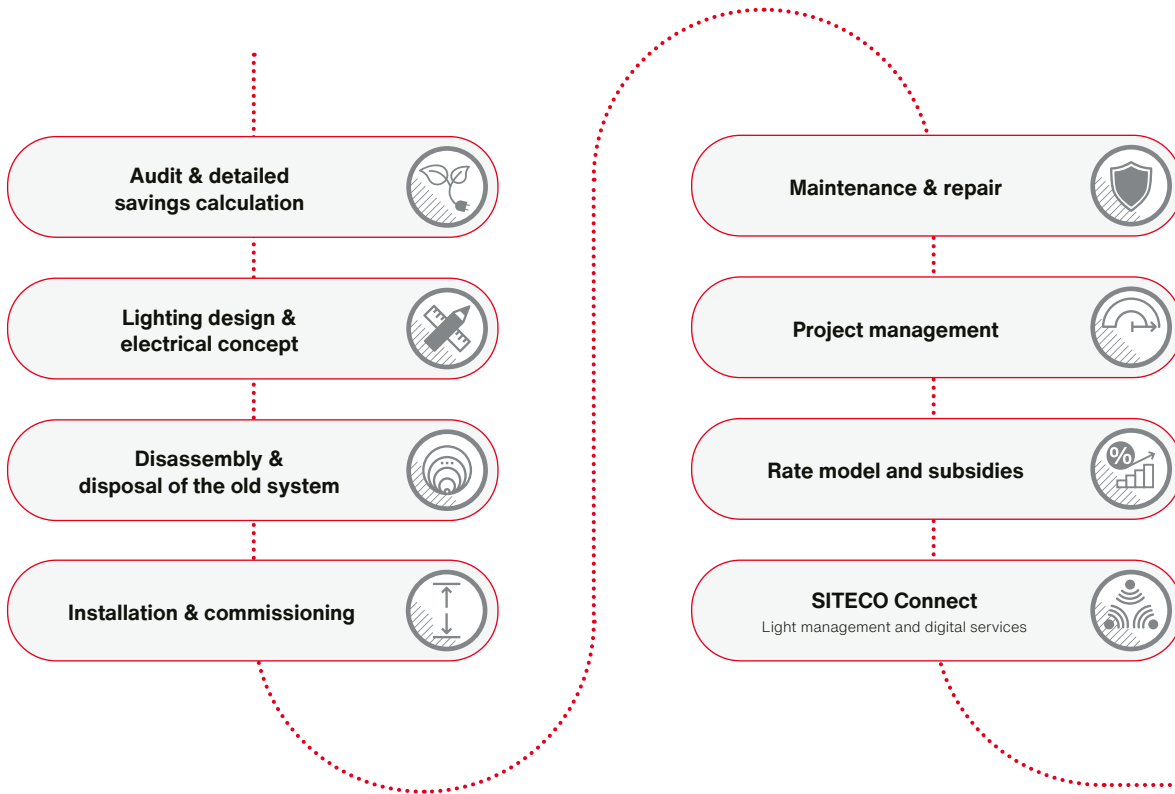
Product: DL® 30

SITECO DL® 30 is an important esthetic component of the smart lighting infrastructure in the municipality of Baerum in Norway.



SITECO Services

All-round carefree with a strong partner network.



With our service model, you get turnkey solutions from a single source – from planning and installation to maintenance and financing. The choice is yours: from pure lighting to the “all-round carefree package”.

SITECO is your planning and development partner for every lighting solution.

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