

siteco



Types,  
data sheets,  
configuration –all  
at a glance:  
**DL 50 iQ**



# DL 50 iQ

The perfectly styled family of luminaires.

# Stylish. Flexible.

URBAN



## DL 50 iQ. One for all.

**Flexible mounting:**

Be it on cables, masts or brackets, be it decorative or technical – DL 50 iQ can do whatever you need. The variety of mounting variants and light distribution enables a broad area of use, from narrow paths to multilane arterial roads.

**For you this means:**

Flexibility in city planning.  
And maximum security for the future.



# Your City. Your Light.

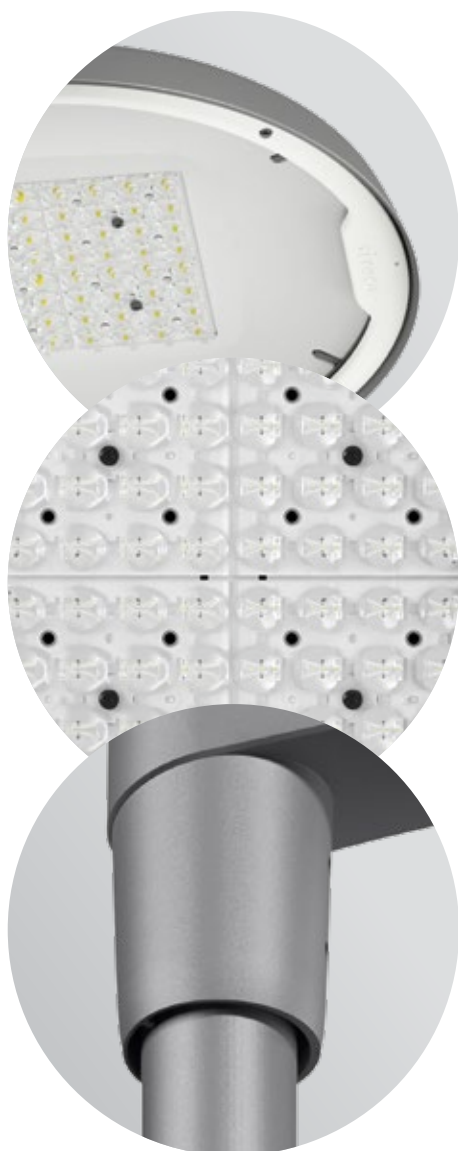
## **The epitome of urban lighting.**

DL 50 iQ doesn't just illuminate your city – it shapes the cityscape. Varied mounting options enable exactly the flexibility you need. And all that with the lowest operating costs and the highest energy efficiency.

## **Technology meets design.**

Highly efficient, precise light thanks to lens-based LED technology – combined with an elegant exterior. In this way, DL 50 iQ ensures reliable security while giving its city a unmistakable character.

**DL 50 iQ. More than light.**



# SMART like never before.

**SITECO DL 50 iQ already comes fully loaded with comprehensive control and diagnostic options.**

Unleash the full potential of intelligent city lighting with SITECO iQ. Our patented control electronics developed in-house offer you a host of options to manage the lighting in your city or community – all the way through to fully digital and connected solutions.

For light that is even smarter and more efficient. And that can be managed really conveniently with the iQ app.

Learn  
more about the  
**SITECO  
iQ-functions**  
here.



**Download the SITECO iQ app:**



All versions  
are available  
with Smart-  
Interface



#### Technical data

Luminous flux: 2,500 to 19,390 lm

Power: up to 122 W

Luminous efficacy: up to 178.9 lm/W

Rated lifetime: up to 100,000 h (L90/B10)

Mounting heights: 6 – 10 m

#### Applications

Service roads, collection roads, cycle paths, pedestrian crossings, plazas, inner city areas

#### Light distribution

1 2 3 4 5 6 7 8 (see diagram below)



#### Technical data

Luminous flux: from 2,610 to 15,660 lm

Power: up to 108 W

Luminous efficacy: up to 177.2 lm/W

Rated lifetime: up to 100,000 h (L90/B10)

Mounting heights: 6 – 10 m

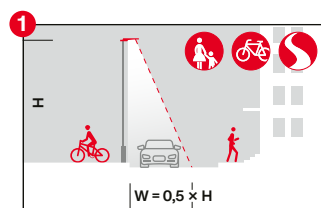
#### Applications

Collection roads, main roads, inner city areas

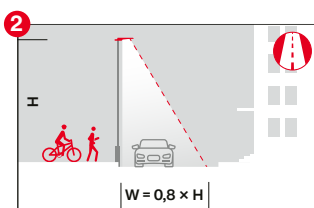
#### Light distribution

1 2 3 4 5 6 7 8 (see diagram below)

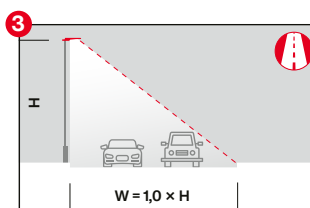
#### Light distribution for DL 50 iQ models:



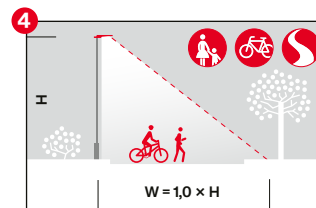
**ST0.5a** – For normal / narrow streets; lighting classes M + P; e.g. (cycle) paths, streets in residential areas



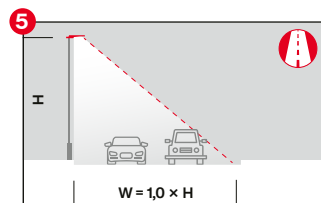
**ST0.8a** – For normal / wide streets; lighting classes M + P; e.g. trunk roads and frontage roads



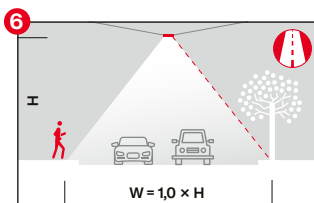
**ST1.0a** – For normal streets; lighting class M; e.g. main roads



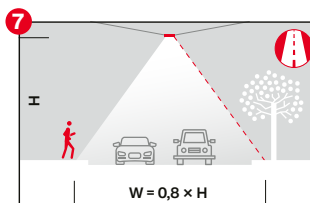
**P1.0a** – For narrow streets, footpaths, frontage roads; lighting class P



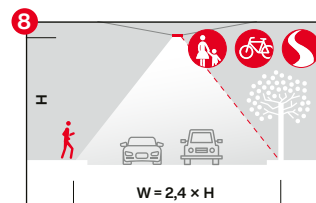
**STW1.0a**. Especially for wet streets and G4 requirements (e.g., conflict zones)



**ST1.0s** – for normal and wide streets (main roads)

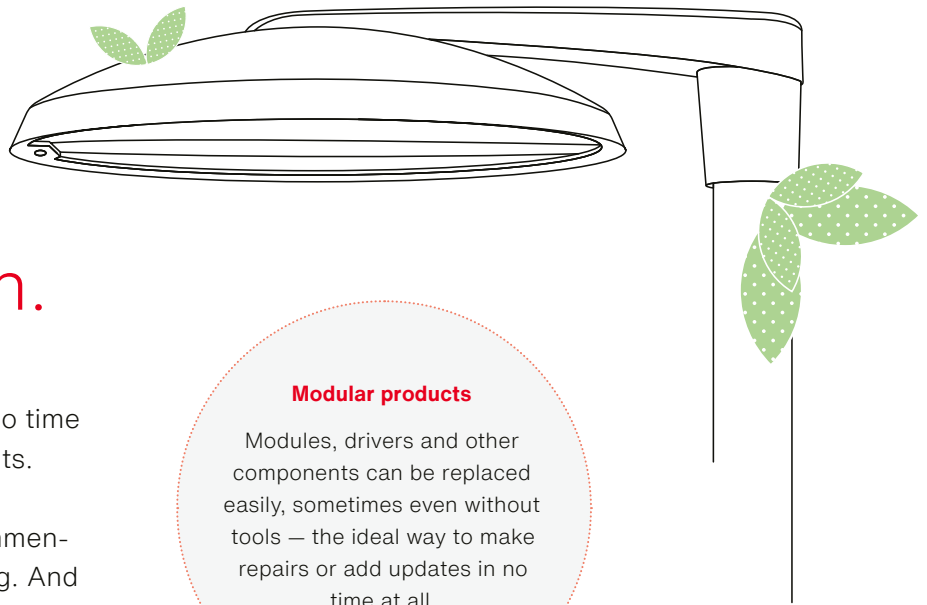


**ST0.8s** – For normal streets (main roads)



**P1.0s** – For normal / narrow streets; lighting classes M + P; e.g. frontage roads

# Light that comes from thinking green.



Enduring design and upgrades in no time thanks to exchangeable components.

Fully needs-driven lighting. Environmentally-friendly, plastic-free packaging. And finally: single-type separation of all materials. For us, this all means sustainability.

## Sustainability and environmental protection practiced honestly.

### Modular products

Modules, drivers and other components can be replaced easily, sometimes even without tools — the ideal way to make repairs or add updates in no time at all.



### Sustainable light

From die-cast aluminum housings to the latest generations of LEDs with special lighting technology we developed – everything about SITECO is designed with long-lasting operation and significant CO<sub>2</sub> savings in mind.



### Dark Sky-friendly

As little light as possible in the sky is our goal. Targeted construction and lighting technology enables the lowest possible light emissions.



### Environmental and species conservation

Amber-colored, 2,200 Kelvin dramatically reduces the attraction of insects. Advantage: The luminaires get less dirty as a result. Good for you, good for biodiversity.



## Contact.

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