

siteco



Types,  
data sheets,  
configuration –  
everything at  
a glance:

DL 500 iQ



# Urban luminaire DL 500 iQ

For cities that plan with vision.

# Timeless design. Innovative at heart.

## Efficient

Maximum efficiency with up to 179 lm/W.

## Reliable operation

Tool-free access, tool-free maintenance.

## Dark Sky

No stray light thanks to ULOR 0.

## Sustainable

Modular components, seamless  
LED upgrade with our Upgrade kit.



## Intelligent

Patented luminaire electronics  
SITECO iQ for maximum control,  
efficiency and flexibility.



## Flexible

Multiple light colors,  
control options, mounting  
and luminaire variants.

## Maximum flexibility. Full adaptability.

### Light colors.

A full range of light colors – tailored to every need.



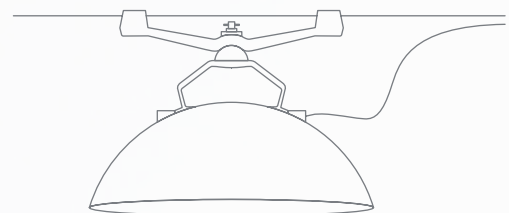
1,800 K\* 2,200 K 2,700 K 3,000 K 4,000 K

### Post-top mount with reducer.



- Post top 76 mm (76 / 60 mm with reducer)
- Side-entry 60 mm (60 / 42 mm with reducer)

### Catenary luminaire with cable hanger.



Tilttable in two directions

\* on request

Timeless design.  
Innovative at heart.



**1999**

**DL 500 midi/maxi.**  
With conventional  
lighting technology.

# 2025

**DL 500 iQ.**

With LED lens technology.



## Durable

PG cable gland with metal cover.

## Precise

Centrally positioned optics.

## Comfortable

Easy mounting with dual-pivot cable hanger.

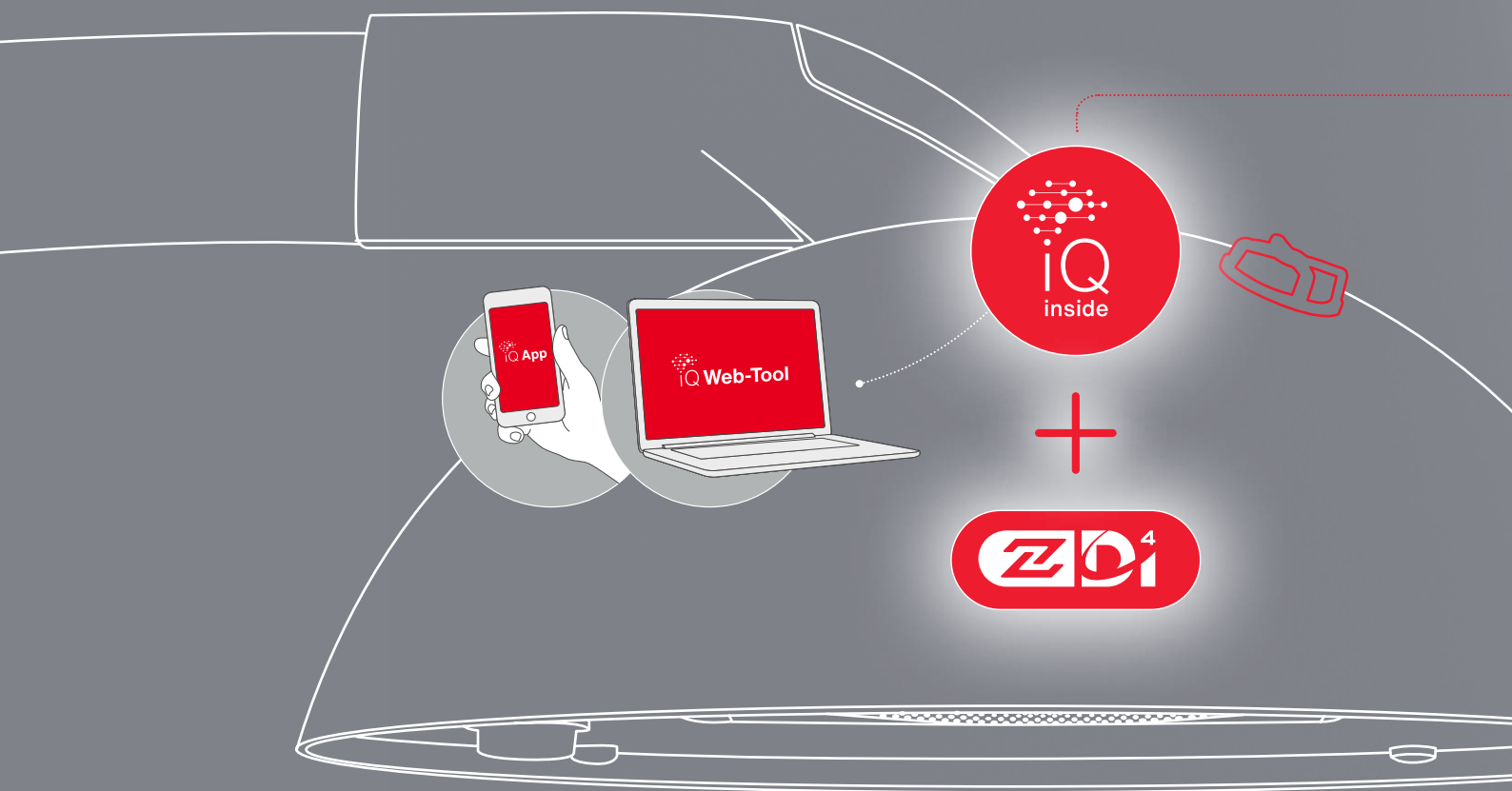
## Aesthetic

Centrally positioned Zhaga interface.

# Unrivalled ease of use. Unmatched future readiness.

Our intelligent iQ electronic control gear and open Zhaga interfaces make operating lighting systems easier than ever. Wireless configuration through the box or even from the sidewalk? No problem. Sensor and control integration? Absolutely seamless.

**A quantum leap for the future-proof operation of your lighting.**



You can find more details about the iQ functions here:



### SITECO iQ **Auto-Match**

Change components in no time at all, without reprogramming. With automatic data exchange. Saves time and money.

### SITECO iQ **Desk-Remote**

Configure the luminaire in the workshop without opening the luminaire or box. Simple and uncomplicated.

### SITECO iQ **Street-Remote**

Adjust the luminaire from the sidewalk, without tools, road closures or the use of cherry pickers. Effortless and quick via app.

### SITECO iQ **Night-Set**

Automatically adjust nighttime reduction to multiple levels and switch between profiles (for example, weekends and weekdays).

Made in

**Traunreut**

Sustainability.  
Without compromise.







Need an  
efficiency  
boost?

## DL 500 midi / maxi Upgrade-Kit.

1:1 replacement of the old gear tray with a new LED module, including ECG replacement. For a straightforward implementation of up-to-date energy requirements.

**100** % Modular product  
and spare parts concept

**100** % Interchangeability  
of all components

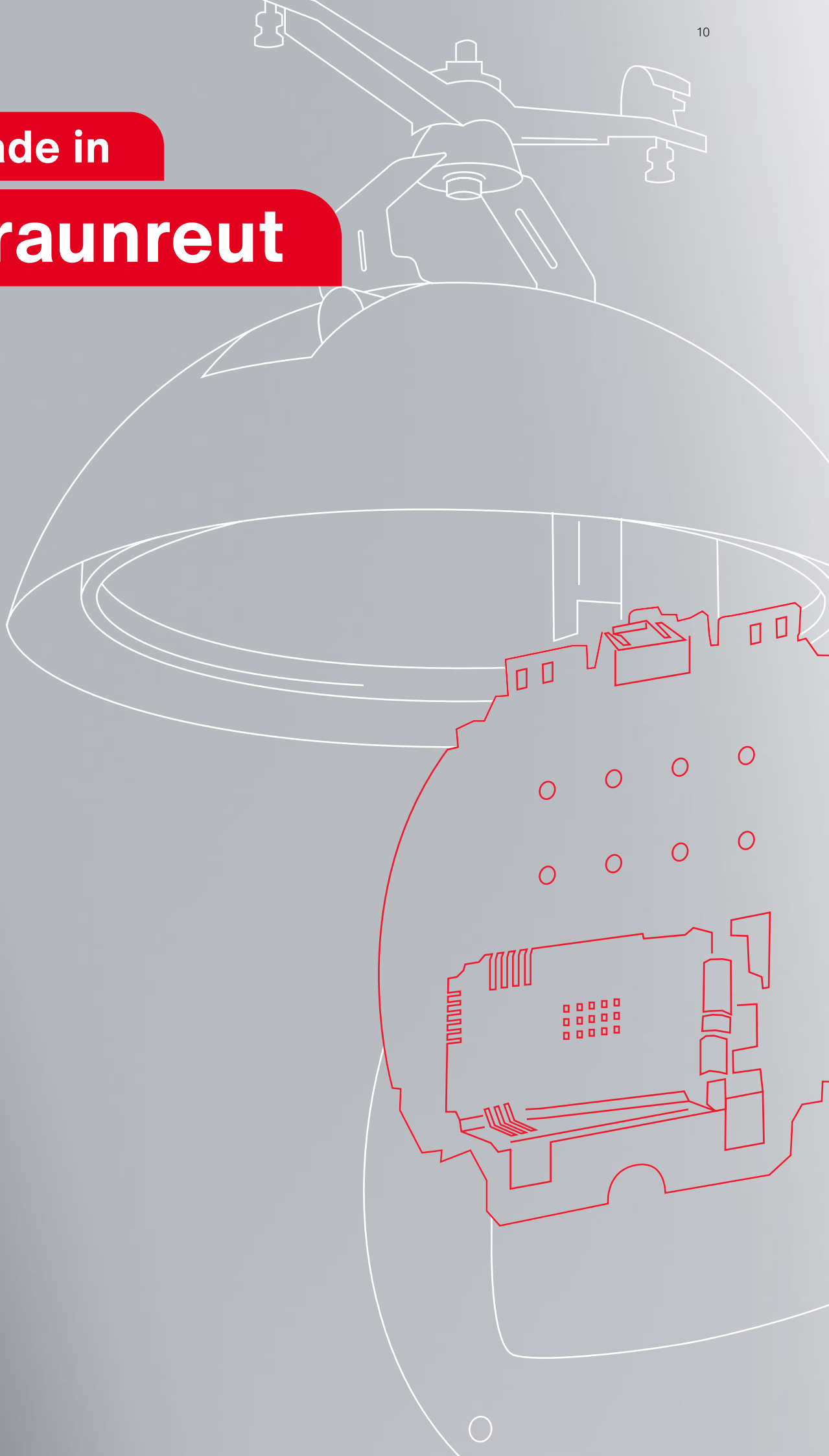
**100** % Dark Sky

**A quantum leap for your sustainability.**

000iQ

Made in

**Traunreut**





## Reliable

Tool-free access for maintenance.

Tool-free gear-tray swap (driver + LED)  
for quick upgrades.

## Intelligent

SITECO iQ Street-Remote:  
Street-level configuration of  
the replacement gear tray.

## Future-proof

Color temperature and light distribution  
change possible.

# DL 500 iQ Variants.



**DL 500 iQ** mast luminaire

## Technical data

Rated luminous flux: from 5,440 lm to 15,610 lm

Luminaire Luminous efficacy: up to 179 lm/W

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

Recommended light point height: 4 m – 12 m

## Assembly

Post top 76 mm (76 / 60 mm with reducer) |  
Side-entry 60 mm (60 / 42 mm with reducer)

## Control system

iQ Street-Remote and iQ D4i (Smart-Interface top, bottom)

## Applications

Residential streets, local roads, main roads



**DL 500 iQ** catenary luminaire

## Technical data

Rated luminous flux: from 5,440 lm to 15,610 lm

Luminaire Luminous efficacy: up to 179 lm/W

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

Recommended light point height: 4 m – 10 m

## Assembly

Catenary luminaire with cable hanger (tiltable in two directions)

## Control system

iQ Street-Remote and iQ D4i (Smart-Interface top)

## Applications

Residential streets, local roads, main roads

Valid for all DL 500 iQ variants:

## Optics concept

Lens technology, single and double mounting  
(glare reduction)

## Light colors

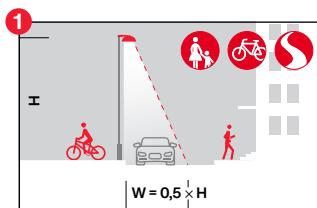
2,200 K, 2,700 K, 3,000 K, 4,000 K (CRI 70) and 3,000 K  
(CRI 80), as well as 1,800 K (CRI 70) on request

## Protection class

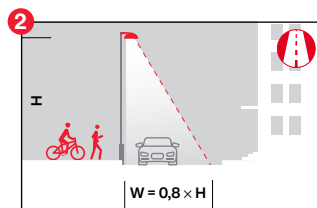
IP 66 | IK 09

# DL 500 iQ

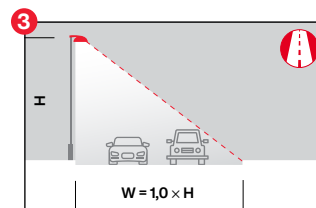
## Light distributions.



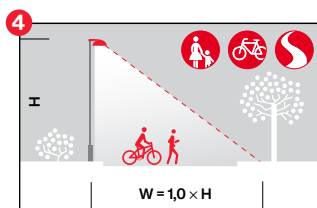
**ST0.5a** – For normal / narrow roads; lighting classes M + P; e.g. (cycle) paths, roads in residential areas



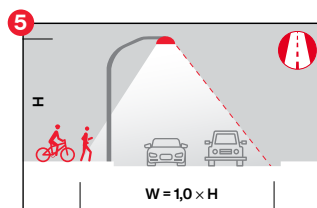
**ST0.8a** – For normal / wide roads; lighting class M + P; e.g. collector and residential roads



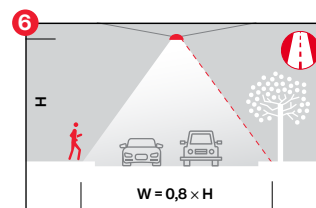
**ST1.0a** – For normal / wide roads; lighting class M; e.g. main roads



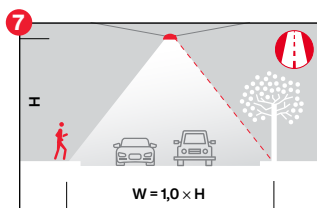
**P1.0a** – For narrow streets, footpaths, residential streets, lighting class P



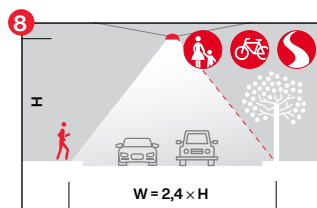
**STW1.0a** – Especially for wet roads and for requirements to G4 (e.g. conflict zones)



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



**ST1.0s** – For normal to wide roads (main roads)



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

# Maximum savings. With smart sensor technology.

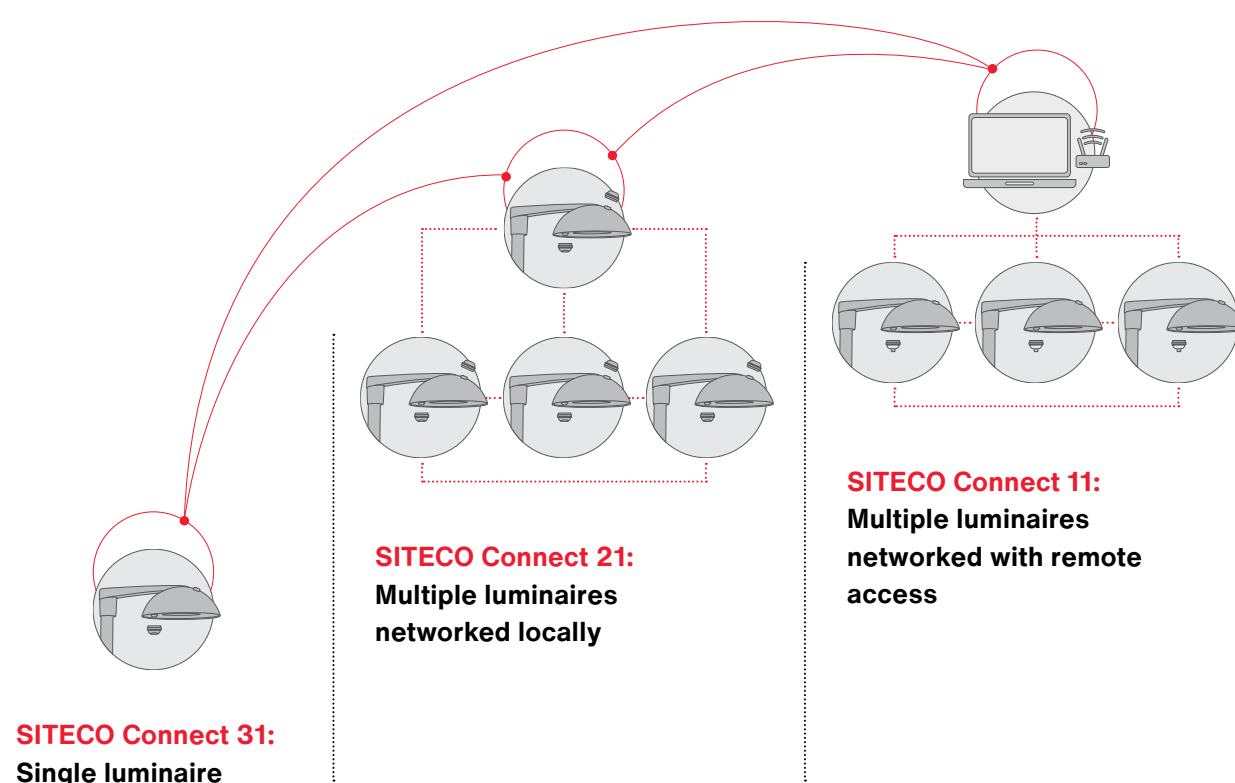
With Smart-Interface, SITECO outdoor luminaires are equipped for all control needs. Sensor technology, radio control, demand-oriented light – simply integrate and save energy.

SITECO Connect Wireless offers tailored solutions.  
Always flexible. Always on demand.

More details  
on the lighting  
control system can  
be found here:



## A quantum leap for your smart city.



## Advantages of modern lighting control



**Safe.**  
Increase road safety.  
Reduce vandalism.



**Sustainable.**  
Conservation of resources.  
Protection of the animal world.



**Efficient.**  
Energy savings thanks to  
needs-based light.



**Reliable operation.**  
Efficient operational management  
thanks to clear data.



# Maximum control. With digital operation management.

True future-readiness means more than smart lighting – it requires intelligent, centralized management. Gain full visibility of your entire municipality. Digital. Transparent. Efficient. luxData.easy and SITECO take care of this for you.

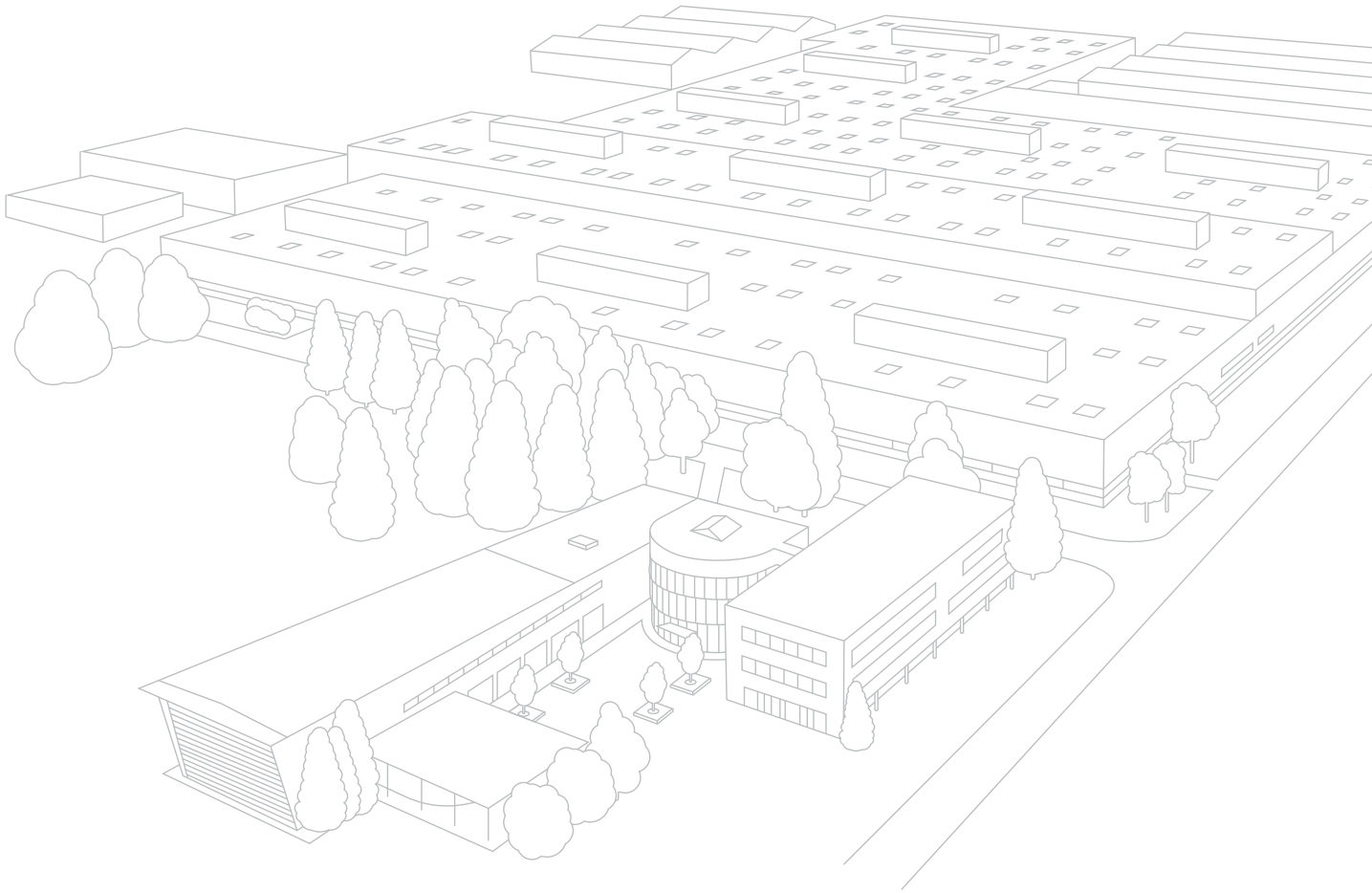
**A quantum leap for your operational management.**

## Let's get started today.

And together let's set the light  
and define the administration of  
tomorrow for your municipality.



Contact us to find out more  
about the quantum leap  
future-proof lighting.



## Contact.

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