

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.





Maximum
flexibility.
Full adaptability.

Intelligent

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



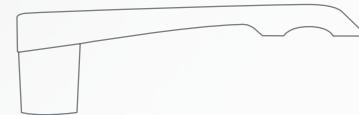
Light colors.

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



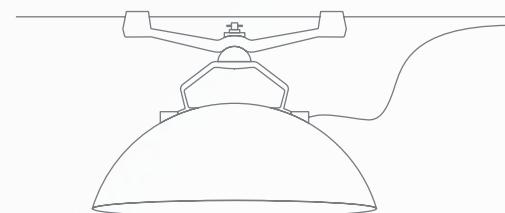
1,800 K* 2,200 K 2,700 K 3,000 K 4,000 K

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

Flexible

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



* on request

Timeless design.
Innovative at heart.



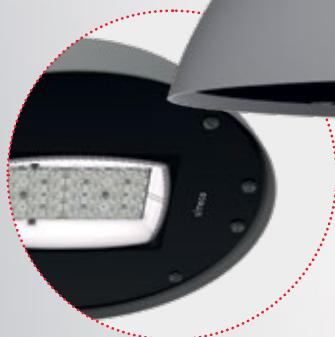
1999

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.

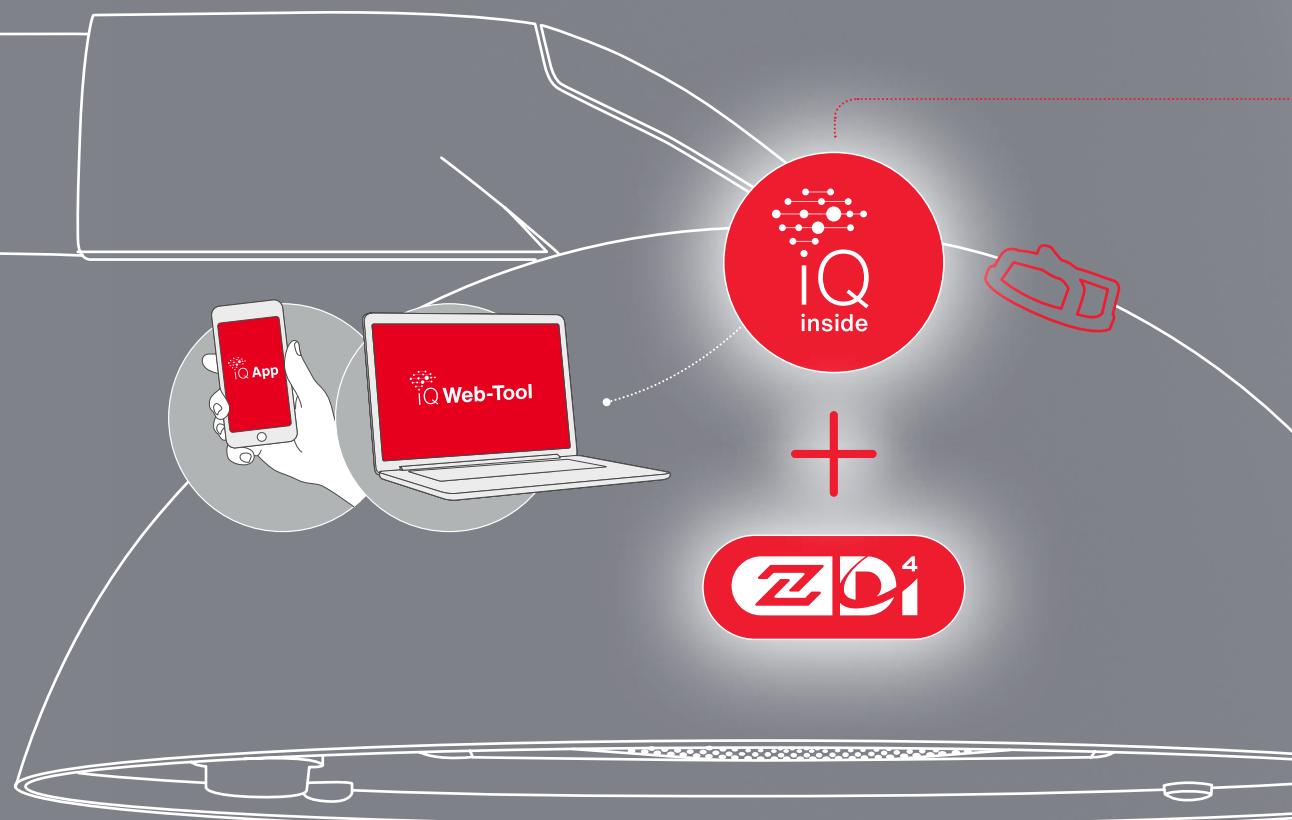
Aesthetic

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 exam-
ple, weekends and
weekdays).

Made in

Traunreut

Sustainability.
Without compromise.





DL 500 midi / maxi Upgrade-Kit.

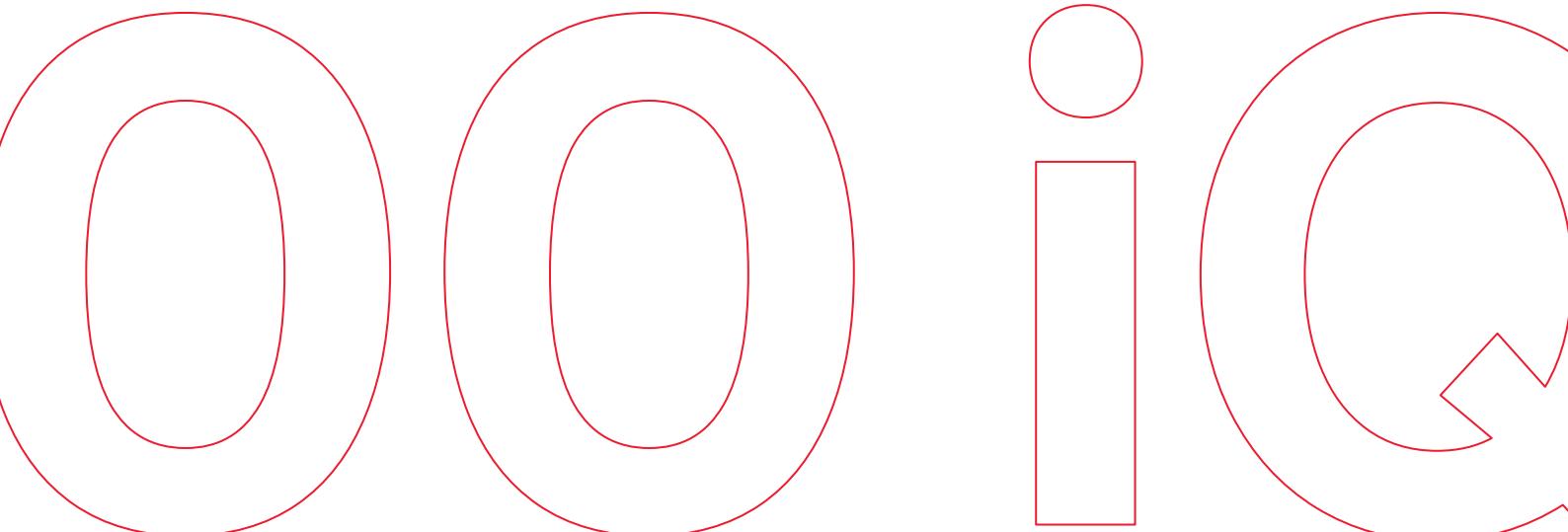
1:1 replacement of the old gear tray with a new LED module, including ECG replacement. For a straightforward implementation of up-to-date energy requirements.

100 % Modular product and spare parts concept

100 % Interchangeability of all components

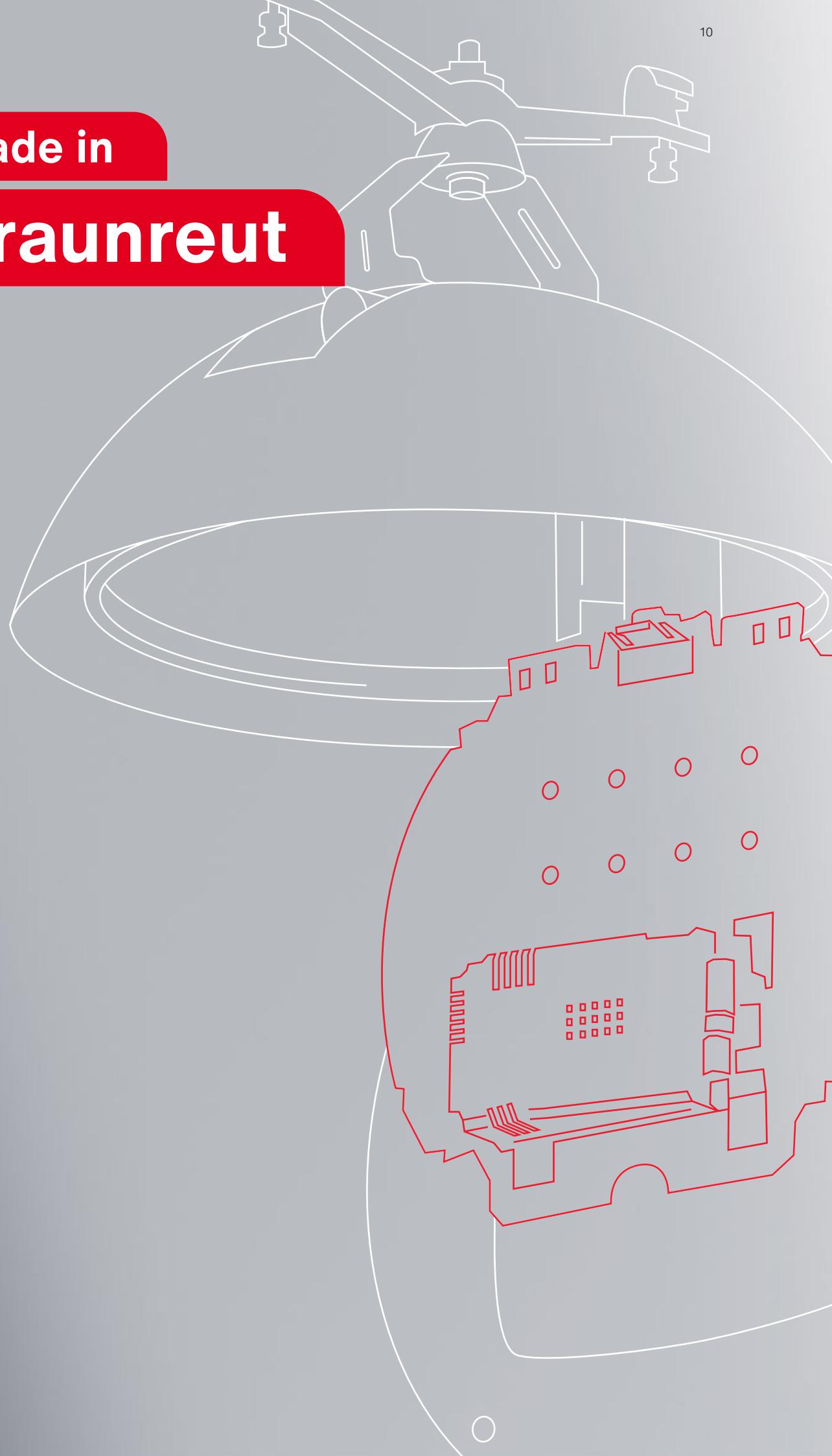
100 % Dark Sky

A quantum leap for your sustainability.



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



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 – 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

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

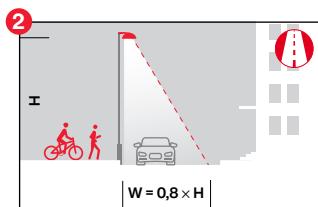
IP 66 | IK 09

DL 500 iQ

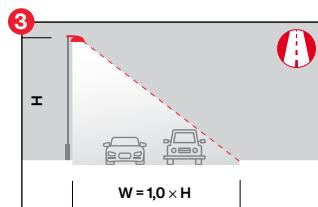
Light distributions.



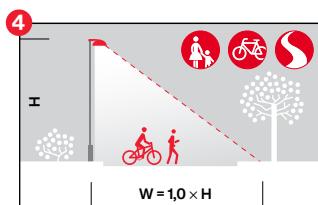
ST0.5a – For normal / narrow roads; lighting classes M + P; e.g. (cycle) paths, roads in residential areas



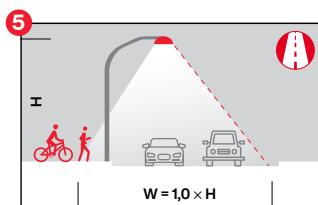
ST0.8a – For normal / wide roads; lighting class M + P; e.g. collector and residential roads



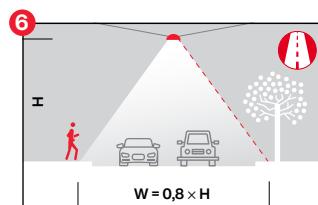
ST1.0a – For normal / wide roads; lighting class M; e.g. main roads



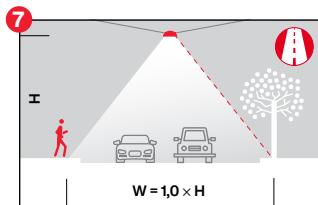
P1.0a – For narrow streets, footpaths, residential streets, lighting class P



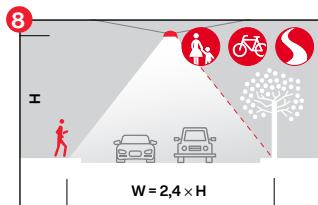
STW1.0a – Especially for wet roads and for requirements to G4 (e.g. conflict zones)



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.

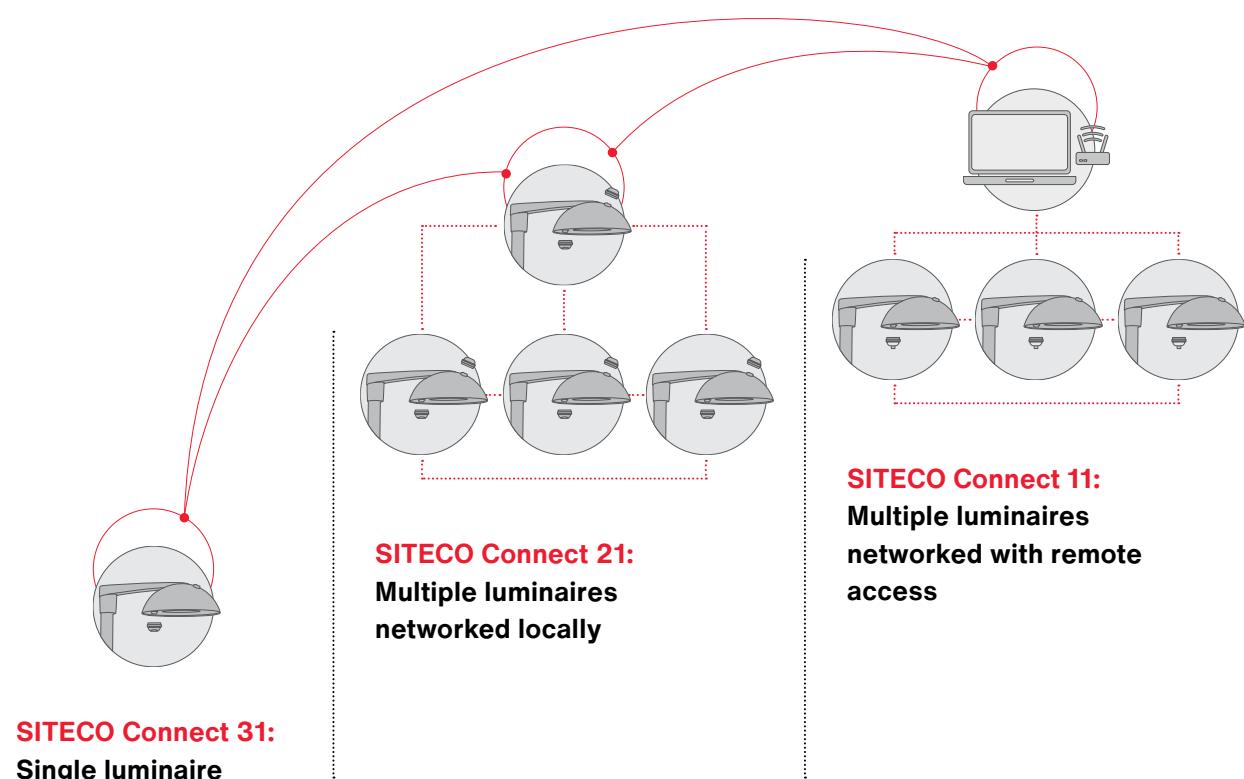
With Smart-Interface, SITECO outdoor luminaires are equipped for all control needs. Sensor technology, radio control, demand-oriented light – simply integrate and save energy.

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

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



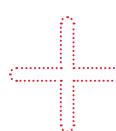
A quantum leap for your smart city.



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.

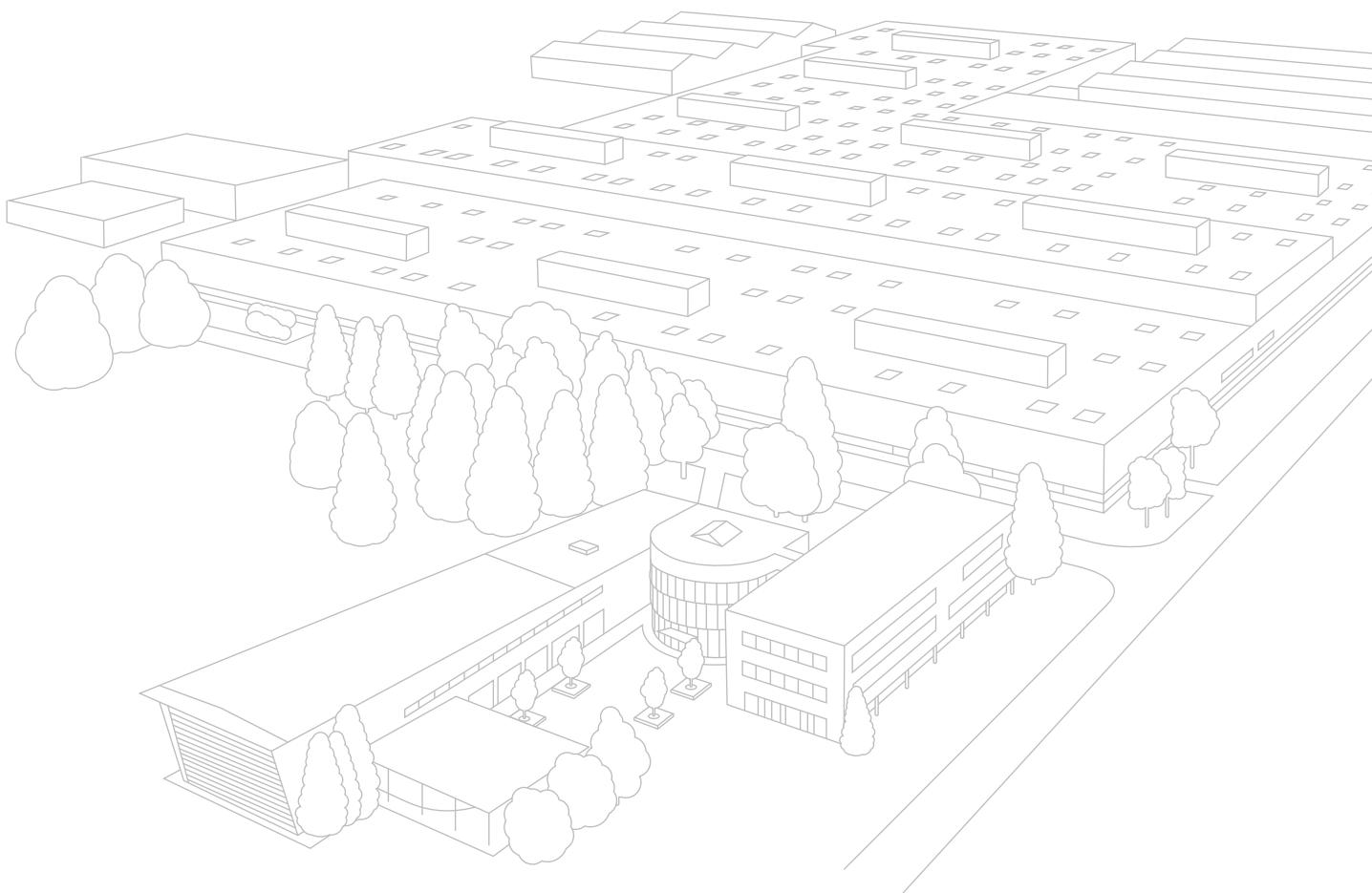
A quantum leap for your operational management.

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.

Siteco GmbH

Georg-Simon-Ohm-Str. 50
83301 Traunreut, Germany
Phone +49 8669 330
info@siteco.com

siteco.com