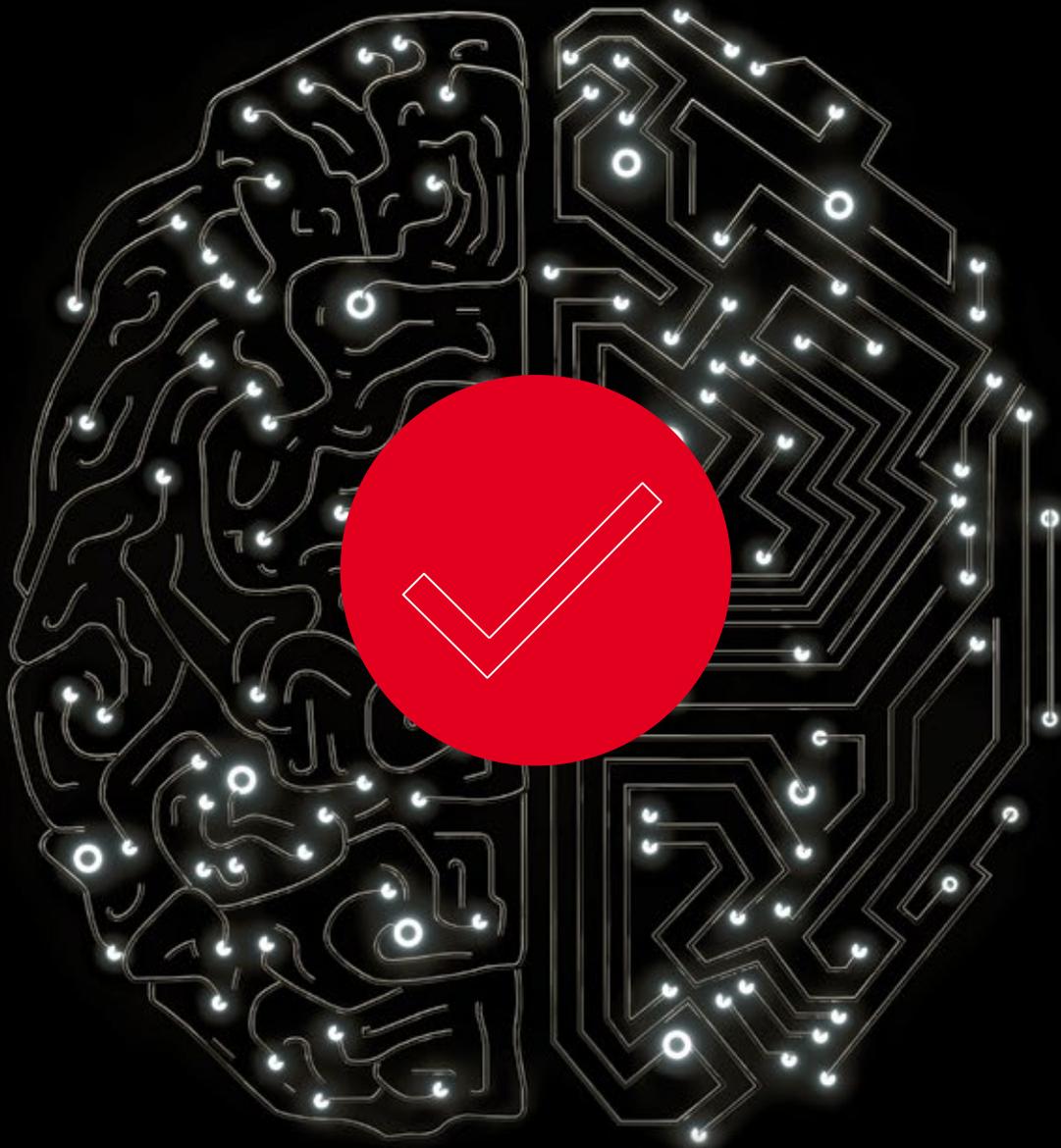


sITeco



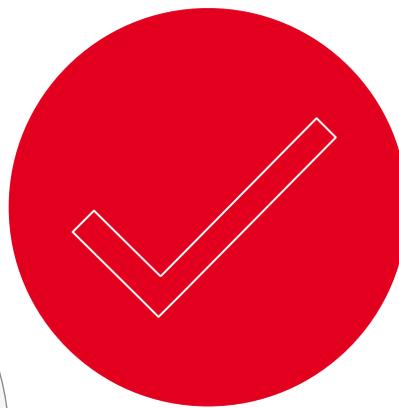
Intelligent outdoor
lighting with an
exceptional iQ.

Determine your lighting's iQ potential and
plan your new intelligent SITECO iQ system.

It's a promise:

Using our standard, you can efficiently operate your outdoor luminaires for many years as well as conveniently maintain and intelligently upgrade them.

Maximum convenience and still fit for the future – do your **iQ** check now.



Replace ECG – faster than in Formula 1.

When the ECG learns on its own, replacement takes 2 minutes, not 2 hours. And the complexity around spare parts plummets.

Future proof for beyond tomorrow.

Light has to satisfy many masters: environmental and insect protection, traffic, residents. Plus the additional standards on top. With **iQ** you simply adjust the light color, distribution, dimming and luminous flux. We offer a 20-year delivery guarantee. Everything can be exchanged and recycled.



Install on the fly.

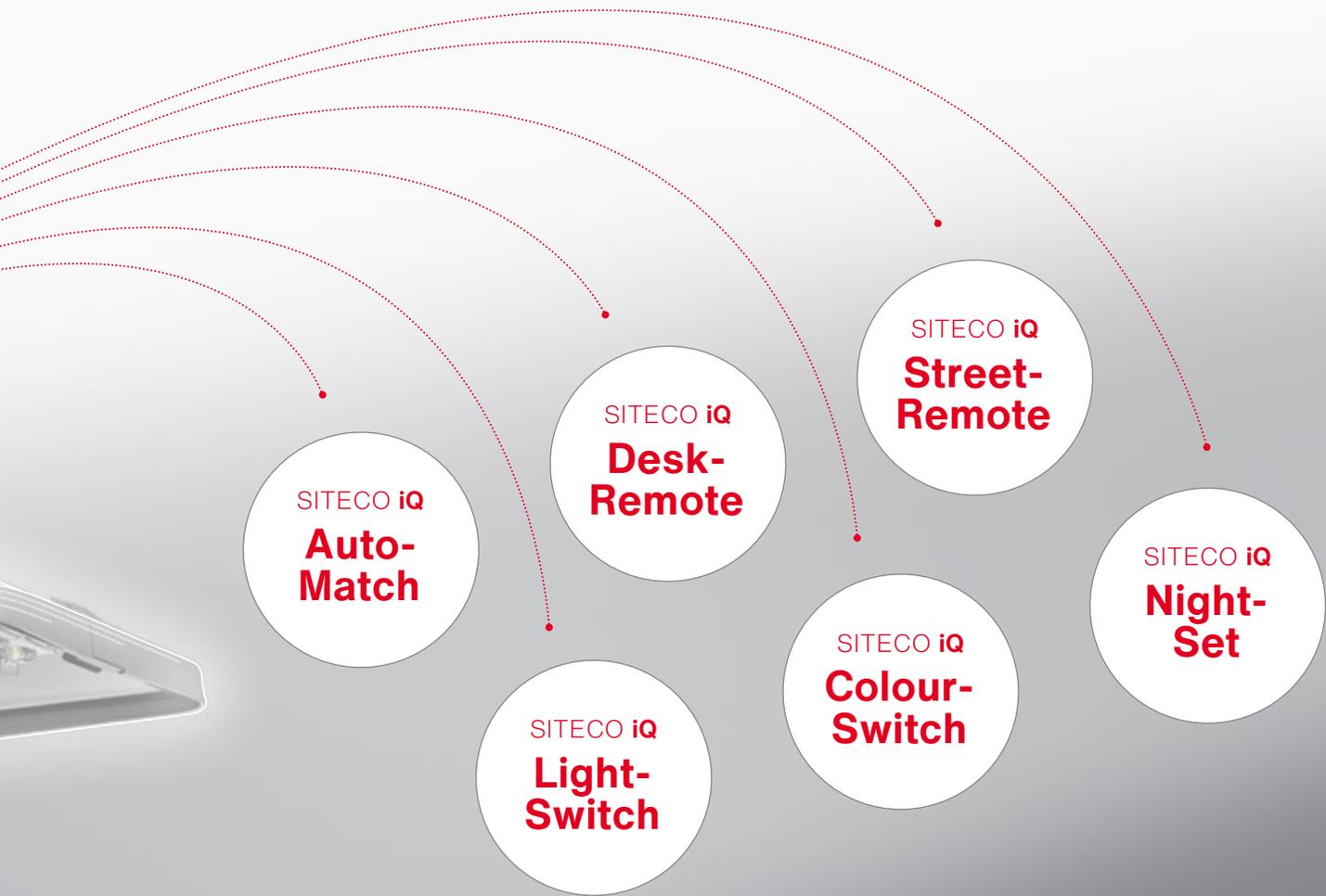
Program new luminaires? Really easy to do in the warehouse with no tedious unpacking. Or conveniently on the street after installation – without needing a cherry picker.

Sit back and relax! The autopilot's engaged.

Your luminaire can do a lot by itself: Night-time reduction, temperature monitoring, weather-dependent light distribution and switch-on surge interruption – the important daily tasks.

The new generation of outdoor luminaires with **iQ**.





Compelling.

SITECO outdoor luminaires are intelligent. New robust functions perfect the nervous system, delivering phenomenal talent! We're sharing our compelling technology to inspire you to take this quantum leap. Because this will lead your city into the future.

Intelligent, interactive, intuitive, integrative. This is our SITECO iQ formula.

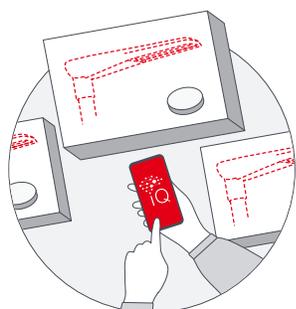
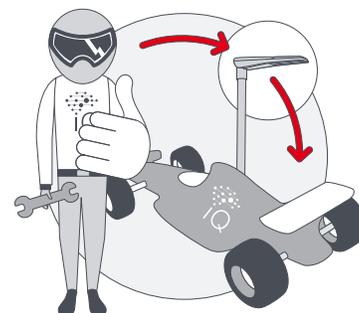
Your outdoor lighting is

SITECO iQ top features:

SITECO iQ **Auto-Match**

Spare-parts swap with automatic data exchange

Exchange components, update components: SITECO Auto-Match makes everything about this easy. Because the information and values needed are available over a nervous system in both the ECG and the LED board and the components communicate with each other. As soon as a new element is added to the luminaire, it automatically receives all the settings and information from the system and begins its initial training autonomously. Gone are the days when someone has to painstakingly read out operating hours and dimming settings and manually transfer them. This saves a lot of time and effort both on-site and in the organization because no one has to look up configuration information for an old luminaire anymore.



SITECO iQ

Desk-Remote

Adjusting the luminaire in the workshop

You'll make faster progress if you adjust luminaires in the workshop before installing them: Thanks to the convenient SITECO Desk-Remote function, you don't have to remove the luminaire from its packaging – let alone open it. Even with the shipping box closed, you can transfer all parameters securely and hassle free. Desk-Remote with improved near-field communication (NFC) and our iQ app make this possible.

SITECO iQ **Street-Remote**

Adjusting the luminaire from the sidewalk

Spending huge amounts of time adjusting or checking streetlights is a thing of the past: Thanks to SITECO Street-Remote, no tools and cable connection are needed as all parameters are easily and quickly transmitted over a stable Bluetooth connection from the pavement. No more road closures, need to use cherry pickers or risk of having to remove parked vehicles. And all the more convenient for making adjustments and that much easier for events or if residents are an issue.



talented.

SITECO iQ

Light-Switch

Adjusting light distribution

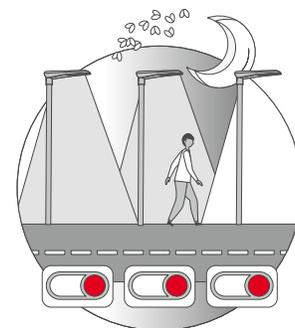
How does the weather affect light distribution? The SITECO Light-Switch function uncouples road safety from weather conditions just that much more. Because Light-Switch ensures glare and reflections can be reduced when the roads are wet, an effect that results in improved visibility. And ultimately this positively contributes to the safety of all road users.



SITECO iQ

Night Set

SITECO Night Set controls nighttime reduction while also offering a whole host of other control options. Additional dimming and lighting functions are available that allow a more customized approach to implementing night reductions – and you can switch between profiles, for example to vary weekdays and weekends. Time-dependent adjustments for light color and light distribution can also be made. This helps nighttime light use to be deployed in a way that protects nature and animals.

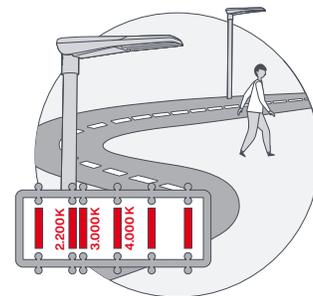


SITECO iQ

Color-Switch

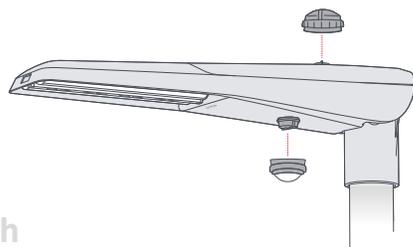
Adjusting light color

Which light colors will be stipulated in the future? Thanks to SITECO Color-Switch, you don't have to worry about that. Investing in this feature will certainly pay off because you can easily adjust the light color later on; for existing luminaires, this can be done by simply changing the module. But Color-Switch can deliver even more: It's able to switch between various preset light-color values to, for example, improve traffic safety at defined times. Or to avoid disturbing the rhythm of nocturnal insects through the use of warmer light. In this way, SITECO is making a long-term contribution to nature and species conservation.



+ Smart-Interface

From simple control to a connected system. The Smart-Interface (in accordance with Zhaga Book 18, D4i, standard) not only ensures a secure future, it also enables additional flexibility and greater independence. Cities and municipalities can gradually adopt the lighting control technology, selecting when to launch or retrofit as required. All intelligent functions, such as Smart Wire, will also be available with Smart-Interface in the future.



SITECO iq **Auto-Match**

SITECO iq **Desk-Remote**

SITECO iq **Street-Remote**

SITECO iq **Smart Wire**

SITECO iq **Color-Switch**

SITECO iq **Light-Switch**

+ Plug features reverse polarity protection

Spare-parts swap made easy: Errors during spare-part replacement are eliminated because the plug connection features reverse polarity protection. This reduces installation times and the amount of training required for technicians.

+ Light Fading

The SITECO Light Fading function creates a gentle transition between various dimming levels – not abruptly, but smoothly – so the change seems less pronounced and much more like a natural transition.



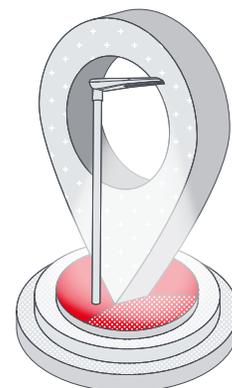
+ Smart-Wire

Nighttime reduction over control wire has many uses. SITECO Smart Wire brings intelligence to existing control wires and provides an easy means for obtaining control options. When, for example, control wires become accessible in the current distribution board during a conversion to LED. Even the range of control options for existing wires expands significantly. Smart Wire enables preset dimming values and dimming profiles to be activated, making it very easy to switch between, for example, standard situations and an event mode.

... and can still do

+ Lumen Switch

Where exactly is the luminaire located? What light is needed there? With SITECO Lumen Switch, the answers to these questions can change. This is because the function makes it possible to adjust and readjust the luminous flux at any time, even later on – for example, when updated nature conservation requirements make it necessary or if the neighborhood has requested it. This means the luminaire is and remains ready for the future.



+ Fuse Plus

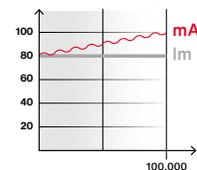
If a lot of luminaires turn on at the same time, switch-on surges occur. Clever control technology from SITECO creates a delay so more luminaires can be protected by one fuse. Are your existing luminaires being replaced? Not a problem. The existing fuse plan can be retained.

+ CLO 2.0

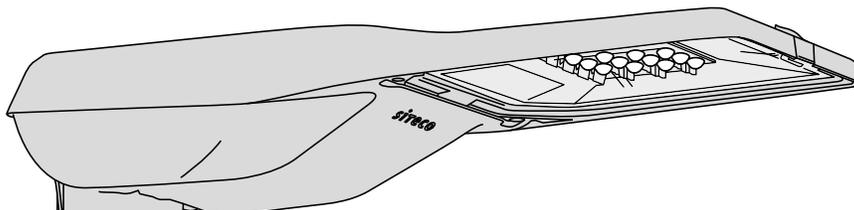
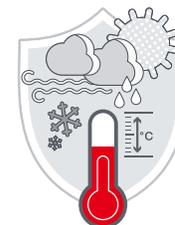
SITECO controls the constant luminous flux with the CLO 2.0, taking into account ambient temperature and dimming in the process. This results in an ideal tracking curve and the ability to maintain a constant luminous flux throughout the luminaire's service life. That means there's always exactly as much light available as is really needed – no more, no less. That also helps save energy.

CLO 2.0

100 % dimming



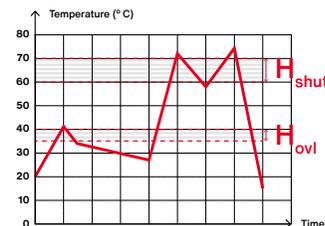
Readjustments are made continuously depending on the surroundings and dimming behavior.



much more.

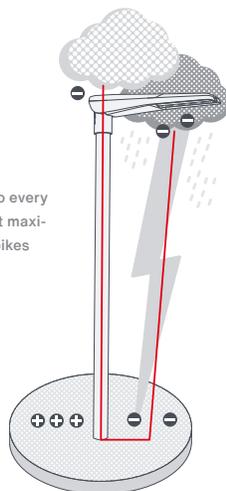
+ Temp Guard

SITECO Temp Guard delivers reliable protection against overheating: Several sensors continuously monitor the luminaire's temperature status. If critical values are reached, the sensors automatically dim the luminaire to effectively protect the electronics from overheating. Temp Guard provides a vital service, especially in southern countries and those with temperate climates but hot summers.



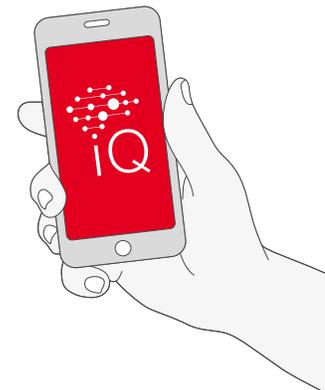
+ Surge protection

A surge protector is integrated into every luminaire, providing the equipment maximum protection against voltage spikes



+ SITECO iQ apps

Adjust, check, operate: All this is a breeze with the iQ app for your smartphone (for iOS and Android). The individual QR code of each luminaire ensures this. The data, settings and instructions of individual luminaires can be accessed at any time. Whether on the road with the app or in the office using the convenient web tool: iQ apps and QR code form a perfect team. Each task becomes easier, from applying default settings and profiles to creating a luminaire registry.



Your advantages at a glance.

SITECO iQ delivers the luminaire of the future right here and right now: It comes loaded with comprehensive control and diagnostic options.

All elements can be extensively networked. This lets you connect components to create a system that's more than the sum of its parts. Intelligent lighting control realizes its full potential when the components interact: the electronic control gear (ECG), LED module, optics and wireless configuration. This works just as well on its own as it does as part of a telemanagement system. For more flexibility in much less time – along with exceptional practicality. And consumption also drops. And your cost efficiency? It's better than ever.

SITECO iQ brings digitalization to life. Experience the compelling functions of this nervous system along with its data paths. Your lighting: It points to the future of urban design.

**Auto-Match**

Exchange ECGs in no time – without reprogramming.

**Desk-Remote**

Adjust luminaires in the workshop without opening any luminaires or shipping boxes.

**Street-Remote**

Configure luminaires from the sidewalk or from a vehicle “on the fly.”

**Smart Wire**

Dim inexpensively using existing control wires and intelligently switch between dim profiles, light color and light distribution.

**Color-Switch**

Get prepared now for future environmental and animal-protection guidelines and be able to react flexibly.

**Light-Switch**

Boost visibility and safety for road users, even when the weather changes.

**iQ app**

With a smartphone, always have the full range of functions at your fingertips.

**Lumen Switch**

Flexibly adapt the luminaire’s luminous flux to its location as well as accommodate residents’ requests.

**Night Set**

Automatically adjust nighttime reduction to multiple levels and have the ability to switch between two profiles.

(for example, weekends and weekdays)

**Light Fading**

Create a pleasant city atmosphere with soft dimming and no irritation.

**Fuse Plus**

Keep existing circuit breakers and even use them for additional luminaires.

**Surge protection**

With integrated surge protection, ensure your luminaires enjoy a long life.

**Temp Guard**

Reliably protect luminaires against overheating and ensure a long service life, even at high temperatures.

And: even more

Save on time, nerves and training costs.



Minimize the number of different spare parts being used – fewer configuration tools are needed and you save on warehouse costs.



When planning various construction phases: Functions available over the long term.



Entire range of control options available for all luminaire types.



Intelligent functions can be combined using standardized Smart-Interface.

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