ActiveLights® iQ

IQ Arena – Wireless control

Internet IoT

Computer

Access-control

Push buttons

Motion sensor

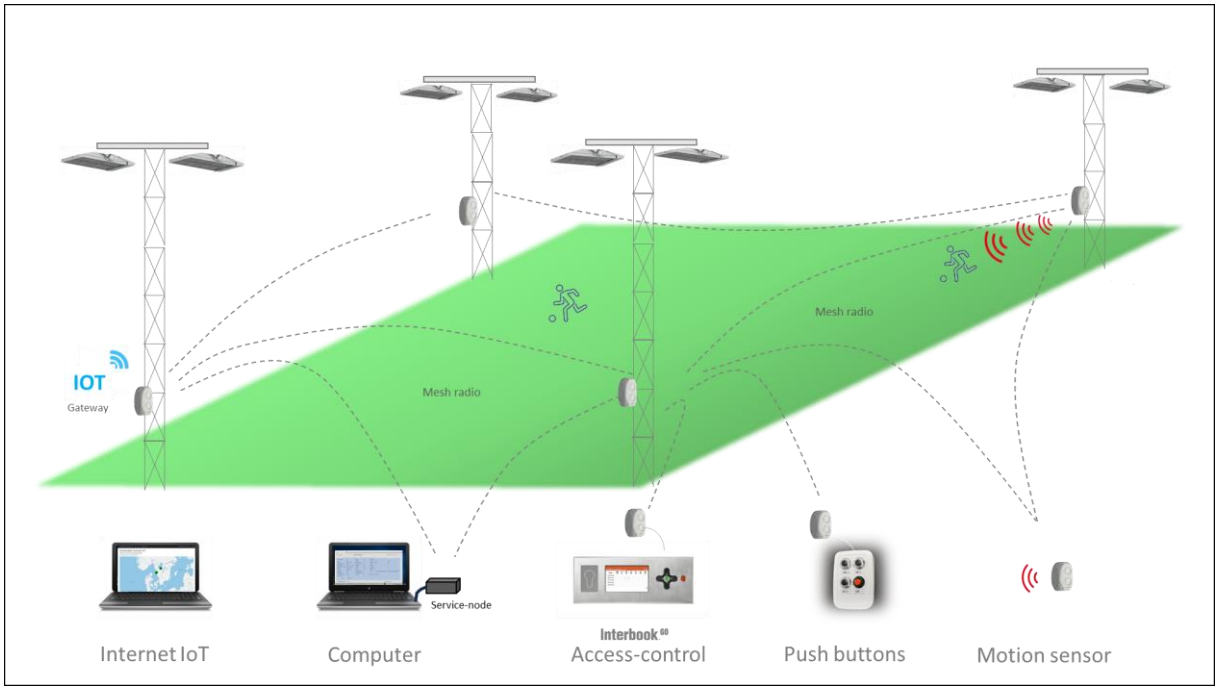
IQ Arena - wireless control of LED luminaires equipped with DALI drivers.

IQ control units communicate through a wireless encrypted radio network and only need to be connected to the grid. In the smart lighting system, you can choose which luminaires to turn on in different scenarios to achieve maximum safety and security. The system is ready for connection to the Internet and IoT.

Developed and produced in Sweden

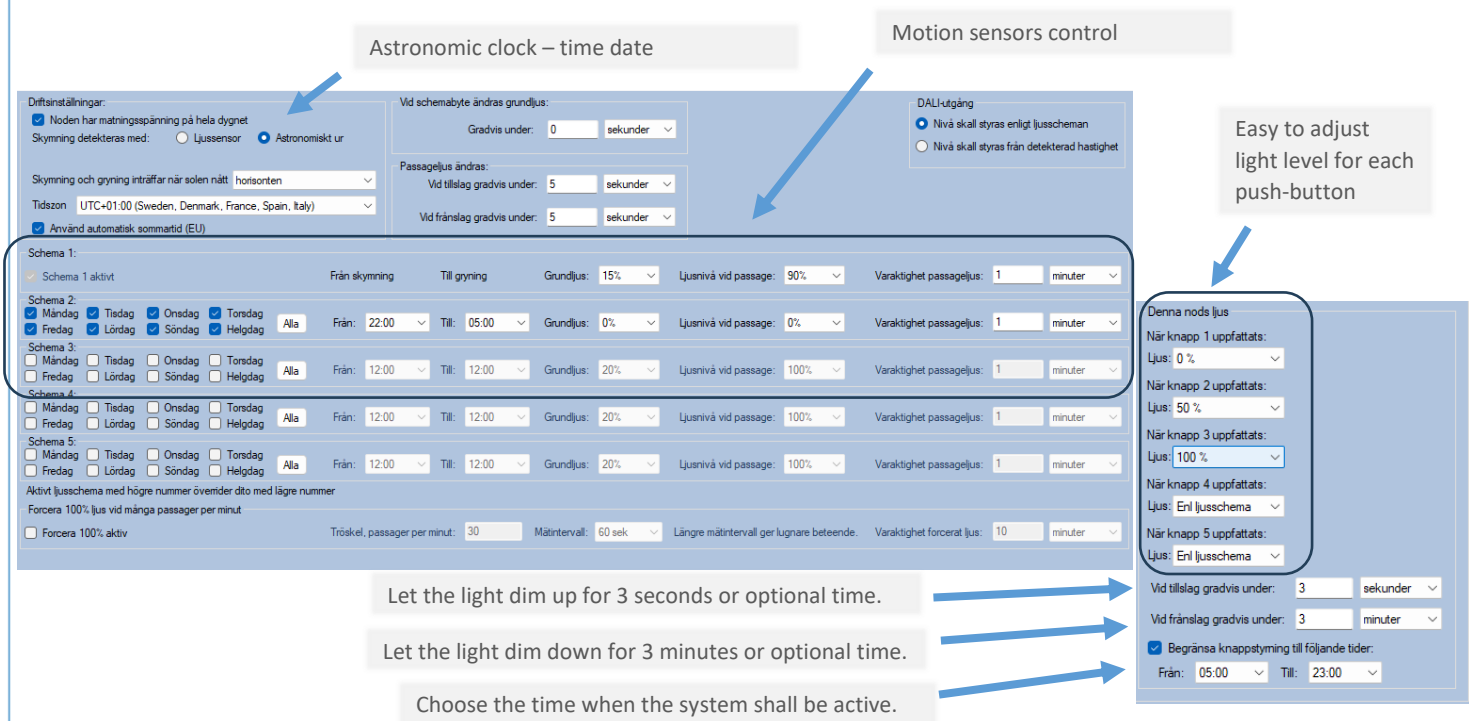
Leading Light AB Kärrlyckegatan 31 • 418 78 Göteborg • Tel: 031-757 45 50
Org nr: 5568610439 • VAT no: SE556861043901 • www.leadinglight.se • info@leadinglight.se

ActiveLights® iQ



Unique features - IQ Arena

Scenario 1 Activation of light via push buttons, e.g., 0%, 50%, 100% according to a lighting schedule
Scenario 2 Activation of lighting via presence sensors at selected times according to a lighting schedule
Scenario 3 Activation of lighting via access control systems and booking systems, as well as a lighting schedule
Scenario 4 Activation of lighting via IoT-Internet
Scenario 5 Local lighting control and programming via PC interface



Leading Light AB Kärrlyckegatan 31 • 418 78 Göteborg • Tel: 031-757 45 50
Org nr: 5568610439 • VAT no: SE556861043901 • www.leadinglight.se • info@leadinglight.se

ActiveLights® iQ

Solutions

IQ Arena 4 – Schedule

Contain IQ Boxes for wireless control of four pylon.
4 Boxes control up to 6 Dali-drivers/IQ-Box.
1 IQ-USB service node for programming and control

IQ Arena 6 – Schedule

Contain IQ Boxes for wireless control of six pylon.
6 Boxes control up to 6 Dali-drivers/IQ-Box.
1 IQ-USB service node for programming and control

IQ Arena 4T - Schedule, Push buttons

Contain IQ Boxes for wireless control of four pylon.
4 Boxes control up to 6 Dali-drivers/IQ-Box.
1 Pannel 4 push buttons
1 IQ-USB service node for programming and control

IQ Arena 6T - Schedule, Push buttons

Contain IQ Boxes for wireless control of six pylon.
6 Boxes control up to 6 Dali-drivers/IQ-Box.
1 Pannel 4 push buttons
1 IQ-USB service node for programming and control

IQ Arena 4TP - Schedule, Push button, Access

Contain IQ Boxes for wireless control of four pylon.
4 Boxes control up to 6 Dali-drivers/IQ-Box.
1 Box connected to access system.
1 Pannel 4 push buttons
1 IQ-USB service node for programming and control

IQ Arena 6TP - Schedule, Push button, Access

Contain IQ Boxes for wireless control of six pylon.
6 Boxes control up to 6 Dali-drivers/IQ-Box.
1 Box connected to access-system.
1 Pannel 4 push buttons
1 IQ-USB service node for programming and control

IQ Arena 4N - Schedule, Sensor

Contain IQ Boxes for wireless control of four pylon.
4 Boxes control up to 6 Dali-drivers/IQ-Box.
4 Motion sensors
1 IQ-USB service node for programming and control

IQ Arena 6N – Schedule, Sensor

Contain IQ Boxes for wireless control of six pylon.
6 Boxes control up to 6 Dali-drivers/IQ-Box.
6 Motion sensors
1 IQ-USB service node for programming and control

IQ Arena IOT

IQ Box 4G Gateway Internet connection

USB-PC Servicenode

ActiveLights Connect

ActiveLights Connect is the PC software for IQ Boxes. IQ devices are wirelessly configured to create smart lighting systems that save energy without giving up safe and good powerful light when needed. The software provides statistics on each node's operating status, lighting times, number of passages, max/min temperature and operating time. It is easy to adjust the lighting if the need changes.

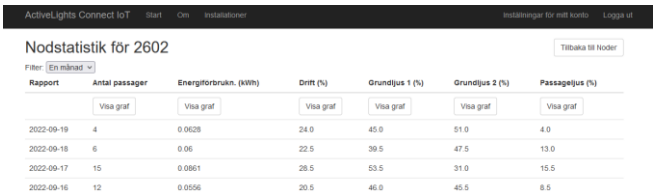
Plug´n´play

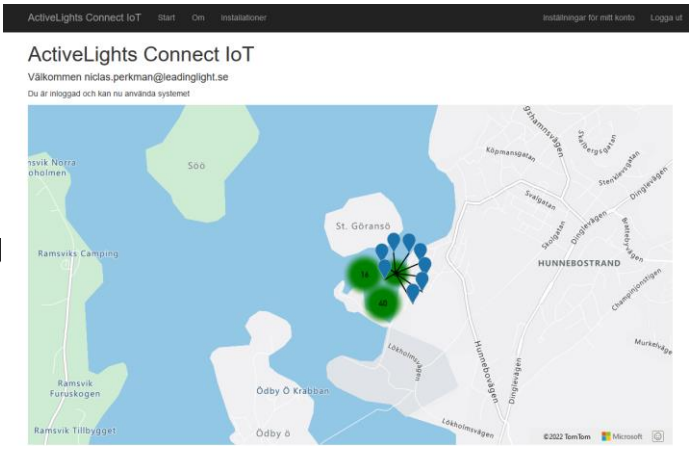
The IQ devices are pre-configured according to the customers need. This means that the installer only mounts the IQ Boxes and the system is operation. If you want to change a time or a schedule, it is easy to adjust afterwards via the service node and a PC.

Leading Light AB Kärrlyckegatan 31 • 418 78 Göteborg • Tel: 031-757 45 50
Org nr: 5568610439 • VAT no: SE556861043901 • www.leadinglight.se • info@leadinglight.se

IOT

IOT Internet-Portal, you can see map, alarms, operating data, access statistics and control the system "remotely by Internet".





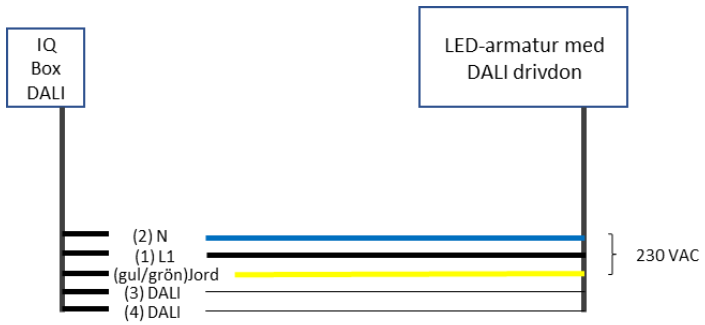
IQ Box Unique features

IQ Boxes have built-in GPS and Astro Clock, which gives the system the correct position and time. The boxes are available in different designs with and without presence sensor. Operational data is stored locally in nodes for at least 3 months, if you want to follow operational data over time, we recommend connection to IOT.

- Smart wireless control unit
- All sensors, radio, GPS built-in
- Demand and presence controlled.
- Six logic schedules for scenario programming
- Force lighting from alarm system, push buttons or from the Police
- Wireless communication between the IQ units
- Operation information, temperature, counter
- GPS positioning, date and time
- Astronomical clock
- 32-bit encrypted radio traffic
- Password
- Made in Sweden
- 5 years warranty

Leading Light AB Kärrlyckegatan 31 • 418 78 Göteborg • Tel: 031-757 45 50
Org nr: 5568610439 • VAT no: SE556861043901 • www.leadinglight.se • info@leadinglight.se

Connection



Technical data IQ Box

- Dimensions IQ Box (h x w x d) 130x130x77 mm
- IP66 and UV resistant
- IQ Box must be connected to 230 V AC (L1, N, Earth)
- Supplied with 4m UV cable 5x1.5mm2 cable (230V+DALI)
- The IQ Box feeds the Dali bus with up to 6 Dali drivers on the same loop.
- As an option, you can get the IQ Box equipped with power supply for up to 64 Dali units on the same loop.
- 5 years warranty

Panel push buttons

1. Dimensions (h x w x l) 52x100x140 mm
2. The panel with push buttons must be mounted indoors.
3. The panel is connected to an IQ Box that will be connected to 230 VAC, it is important that the IQ Box is not in a metal cabinet or concrete house as it will communicate via radio with the other IQ Boxes mounted on the light towers.