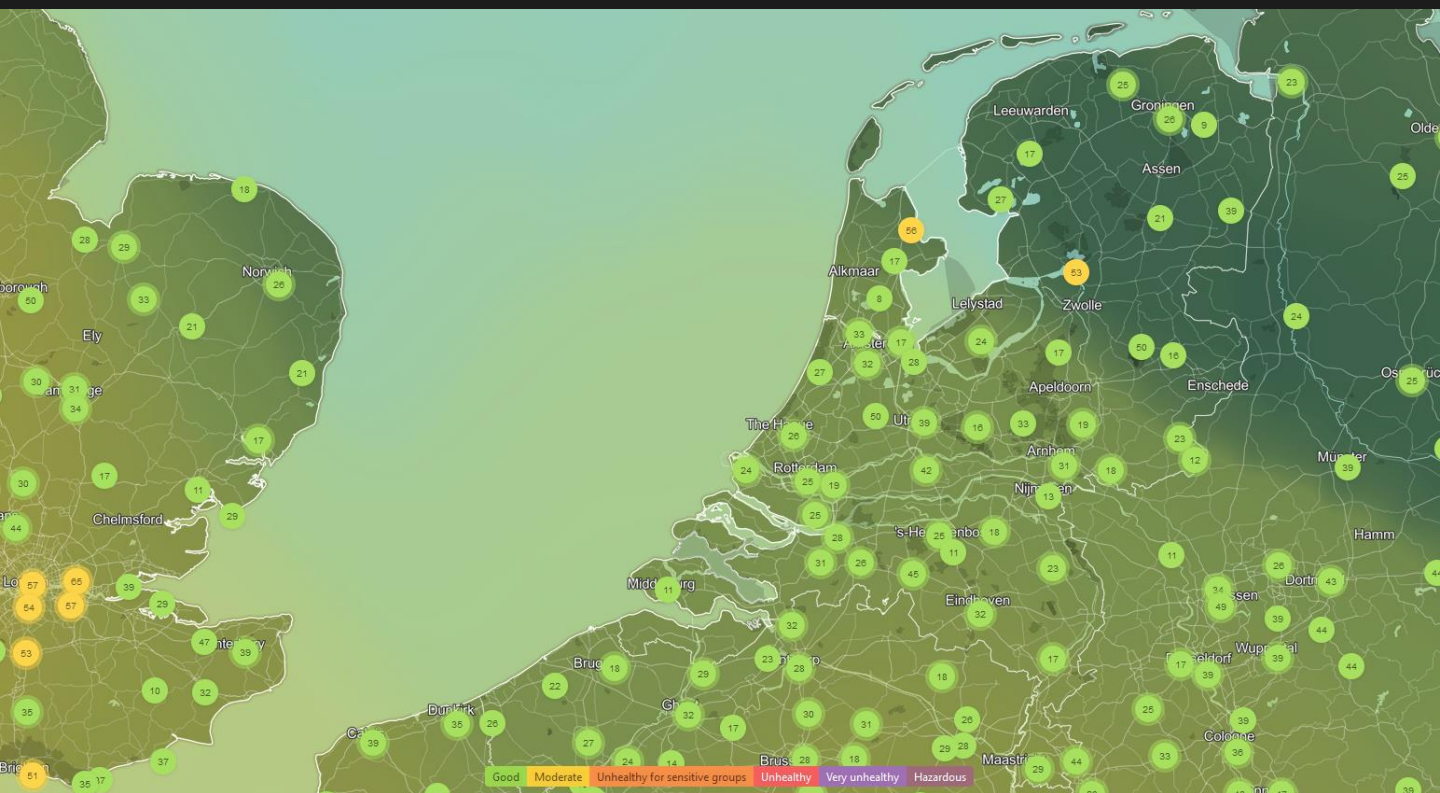


Smart Lighting

Sniffer

Product sheet



Sustainer Sniffer

Product information

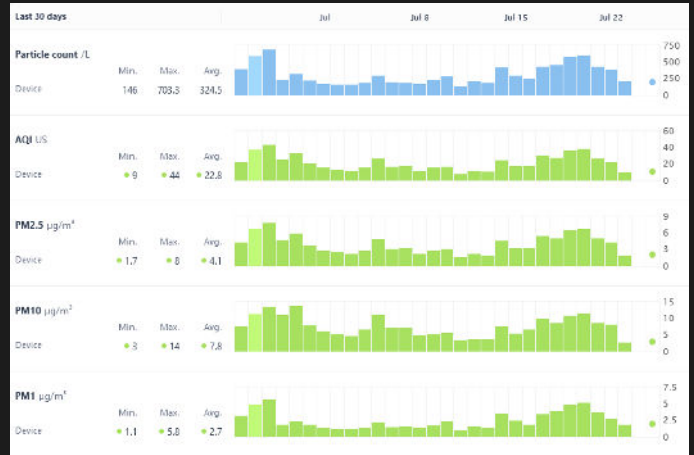
Solution

The integrated Air Quality sensors in the luminaires of Sustainer are an affordable solution to get insight in the local air quality in your city.

Sustainer uses Iqair sensor to achieve optimal results. By installing the sensors in the public lighting network on several locations, an accurate image of the air quality in a large area can be obtained.

By re-using the public lighting network for the installation of sensors the total cost of installation and maintenance can be reduced significantly, making this a very cost-effective solution for air quality measurements.

The module also contains a chargeable battery, enabling the sensor to continue measurements if the luminaire is not powered, i.e. no 24/7 power is needed for this solution.



The IQair basic-platform is included

Standard measurements

- Ultra fine Particulate Matter PM_1 ($\mu\text{g}/\text{m}^3$)
- Particulate Matter $PM_{2.5}$ ($\mu\text{g}/\text{m}^3$)
- Particulate Matter PM_{10} ($\mu\text{g}/\text{m}^3$)
- Temperature ($^{\circ}\text{C}$)
- Relative Humidity (%RH)
- Air Pressure (hPA)

Optional measurements

Due to the solution's modular architecture, it is possible to add an optional sensor:

- CO_2 (ppm)

Benefits



Integrated, discrete solution



Wireless LTE-M solution



Swappable solution



Battery for 1 day

Sustainer Sniffer

Technical specifications

Particulate matter PM₁ / PM_{2.5} / PM₁₀

Measurement range 0 .. 1000 µg/m³

Temperature¹

Measurement range -40 .. 90 °C

Relative humidity

Measurement range 0 .. 100 %RH

Air pressure

Measurement range 300 .. 1100 hPA

CO₂²

Measurement range 400 .. 10000 ppm

¹Measured inside the module. Due to external the measured temperature will be higher than the ambient temperature.

²Optional.

Specifications may change and should be treated as an indication only. You are welcome to contact us about your needs.

Contact

info@sustainer.com
+31 (0)85 047 11 75
sustainer.com

Emmen

Kapitein Grantstraat 9
7821 AP Emmen (NL)

Breda

Emmastraat 2A
4811 AG Breda (NL)

Contact
iqair.com