

PHILIPS

Public lighting

Aurich, Germany



Aurich gets **a connected lighting upgrade**

The town of Aurich in northwest Germany installed the CityTouch lighting management system to increase energy efficiency and reduce costs



New LED street lighting in Aurich, Germany



Transformation in action

Thanks to Philips Lighting CityTouch, Aurich can map its entire street lighting infrastructure and manage the system remotely and efficiently – all without the need for prior programming knowledge.

The CityTouch app provides rich data visualization and workflow management tools, which make it easy to analyze, plan and maintain the city’s lighting infrastructure and its performance. Connected street lights can be dimmed individually and set to pre-defined lighting schedules.

CityTouch lighting management will **save Aurich approximately €250,000 per annum – paying for itself within just six years.**

“Our city is investing in a sustainable future. **We are leading the way with our new controllable outdoor lighting.**”

Iris König, Civil Engineering Office, Aurich

“We’re delighted to have eased the pressure on the city’s budget. **The reports generated by CityTouch enable us to analyze the luminaires’ performance and identify where savings can be made and maintenance optimized.**”

Iris König, Civil Engineering Office, Aurich

Why did Aurich embrace a new lighting system?

As a key element of its urban development plan, Aurich made the decision to invest in a new connected lighting infrastructure so that the town could:

- modernize street lighting as part of its ambitious urban development plan
- replace inefficient mercury-vapor lamps with new high-quality, energy efficient LEDs
- cater for different road layouts, which require different types of illumination

Philips connected street lighting

The renewal consisted of installing new energy-efficient CityTouch Ready LED luminaires and connecting the remaining street lighting estate to CityTouch lighting management system.

- 3,300 new CityTouch Ready LED luminaires were installed and connected to CityTouch
- 1,700 traditional luminaires were also added to the system digitally via the CityTouch workflow app

 **Learn more at www.philips.com/citytouch**

Modern street lighting mapped and managed



The CityTouch Workflow application allows the city to map its entire lighting infrastructure data and manage it effectively in close to real time. The app helps the city save on energy costs and makes the entire maintenance process simple, transparent and efficient.

Improved feeling of safety



Different roads in the city require different levels of light. CityTouch enables the people of Aurich to feel safer – with better quality illumination providing the right amount of light appropriate to the setting and road use.

Energy and cost savings achieved



With the installation of LED street lights and the CityTouch lighting management system, 659 metric tons of CO₂ is being saved annually, which equates to energy savings of €250,000 per annum.

Open and expandable



CityTouch is the leading lighting management system that provides an open platform that adapts to the changing needs of smarter cities.