THINK**LIGHT**
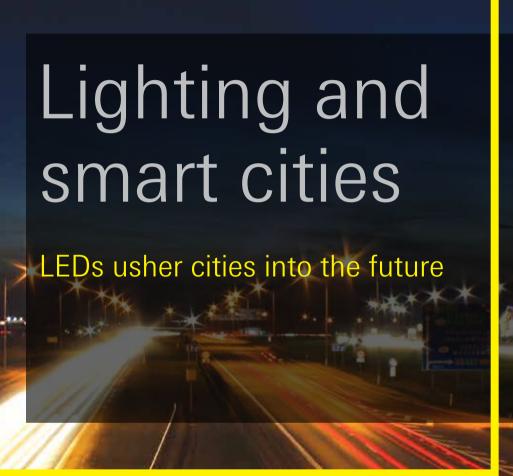
Lighting and smart cities

LEDs usher cities into the future

Solid-state lighting (SSL) plays an integral role in the evolution of the IoT. LED lighting fixtures with sensors and data collection technologies are being incorporated into information networks and employing the data transmission capabilities of light waves to build the next generation of street lighting – a connected one.

The purpose of integrated control networks will far exceed the cost-saving objectives of basic lighting. Intelligent lighting networks can contribute to various smart city applications to improve safety, efficiency and the quality of life by establishing a platform for video surveillance, electric vehicle charging, public Wi-Fi and much more. Through such connected infrastructures, cities can begin to rethink the value of their assets as opportunities to provide new services to bring in more revenue, rather than as expenses to be incurred.