

## Press Release

November 20, 2017

### **On course to become a smart city: Guadalajara gets smart with its public lighting**

- *Spanish city upgrades public lighting infrastructure with 12,000 Philips connected LED street lights and is the first to combine 'group control' cabinets with individual light point control*
- *Philips CityTouch helps Guadalajara achieve 68% energy savings and reduce CO<sub>2</sub> emissions by nearly 4,200 tonnes*

**Eindhoven, the Netherlands** – Philips Lighting ([Euronext: LIGHT](#)), the world leader in lighting, today announced that it has installed 12,000 Philips LED connected street lights, managed by its [Philips CityTouch](#) street lighting management software, as part of a renovation of Guadalajara's public lighting. The project was completed with energy services provider Ferrovial Services.

The Philips CityTouch system allows Guadalajara City Council to precisely [monitor, control and manage](#) its entire network of street lights via a secure web browser. Lighting managers can monitor the performance of individual LED street lights in near real time and dim or increase brightness in certain areas, such as busy pedestrian crossings or public squares. This combination of energy efficient connected street lights and remote management is helping the city to reduce its carbon footprint. Guadalajara has seen immediate electricity savings of approximately 68% compared to its previous lighting system and an annual CO<sub>2</sub> emission reduction of nearly 4,200 tonnes.

### **Enhancing quality of life**

[Guadalajara](#) is located approximately 60 km northeast of Madrid. The city has approximately 85,000 residents and a healthy tourism trade which will receive a boost in the coming months as it's recently been chosen as a 2018 European City of Sport by the Brussels-based [European Capitals and Cities of Sport Federation \(ACES Europe\)](#).

"We were keen to implement a sustainable public lighting system that not only provides our citizens and visitors with the light they need today but which is also scalable and flexible to meet the future needs of our city. What we now have is a smart new digital infrastructure that gives us the option to connect sensors and offer smart city functionality if we so wish," said Antonio Román, Mayor at Guadalajara City Council.

### **Group control and operational efficiencies**

Guadalajara City Council wanted the flexibility to not only remotely monitor and manage its light points but also the 198 street cabinets located throughout the city. For the first time this is possible using the Philips CityTouch system. The remote monitoring and control of cabinets enable power outages and leakage to be detected and resolved swiftly, saving both time and money. It also helps Energy Service Company's (ESCOs) to more precisely manage power consumption from the grid.

# PHILIPS Lighting

Philips City Touch is also helping Guadalajara to streamline its operations using just one interface. Its powerful asset management software gives managers a map-based view of the city's lighting assets (street lights and cabinets) and workflows so that maintenance crews can be efficiently scheduled to resolve any issues.

"Our connected street lighting is already contributing to a safer, more attractive environment for the citizens of Guadalajara and is enabling the city to realize savings in energy and operational efficiencies. It joins more than 1,000 other connected streetlighting projects we've implemented in 37 countries around the globe," said Josep Manel Martinez, President & General Manager at Philips Lighting Iberia.

Please click [here](#) for more information on smart city lighting.

**For further information, please contact:**

## **Philips Lighting Global Media Relations**

Anne-Marie Sleurink

Tel: +31 6 52 59 63 81

E-mail: [anne-marie.sleurink@philips.com](mailto:anne-marie.sleurink@philips.com)

## **About Philips Lighting**

Philips Lighting (Euronext: LIGHT), the world leader in lighting products, systems and services, delivers innovations that unlock business value, providing rich user experiences that help improve lives. Serving professional and consumer markets, we lead the industry in leveraging the Internet of Things to transform homes, buildings and urban spaces. With 2016 sales of EUR 7.1 billion, we have approximately 34,000 employees in over 70 countries. News from Philips Lighting is located at the [Newsroom](#), [Twitter](#) and [LinkedIn](#). Information for investors can be found on the [Investor Relations](#) page.