

Putting Ribeira to the forefront with cutting-edge lighting

The Ribeira Council in Spain replaced roughly 8,600 urban light points with LED luminaires, 6,500 of which are controlled and managed via Interact City, putting Ribeira at the cutting edge of public lighting in Europe.

“The investment in Interact City was spurred by the technological capabilities of the system. It’s an innovative tool with a lot of potential to integrate new services. It’s also scalable and can help a city become smart.”

Alejandro García Sendón, Technical and Energy Services Coordinator of Ferrovial Servicios for the North of Spain

Customer challenge

Ribeira’s Municipal Corporation had two major objectives: to improve energy efficiency and to create well-lit spaces so people feel safer at night. To achieve this, they needed to renew an urban lighting network comprising over 8,600 light points. The new connected LED luminaires are controlled and managed by Interact City software. By reducing energy consumption and streamlining maintenance, the city can invest cost savings in other areas of their smart city project.

Solution

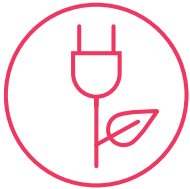
The plug-and-play system made the setup quick and easy. Automatic commissioning enabled newly connected luminaires to relay performance data like energy consumption and lighting levels almost instantly after setup.

The Municipal Corporation achieved its predicted 70% cost saving, and the high-quality light has made Ribeira feel safer after dark. The sense of safety and improved quality of light after dark has improved life in the city for residents.

Interact – making it happen

With Interact City Lighting asset management, as soon as the luminaire connects to the Interact City software, it's ready for operation, with all the data from the road lighting automatically appearing on an easy-to-use interface. The luminaire immediately begins relaying performance data, including lighting levels and energy consumption.

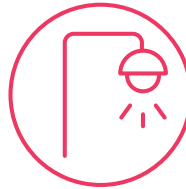
And with Interact City Scene management, luminaires can be controlled individually or in groups, either in near real-time or on a pre-set schedule. This way, lighting levels can be determined per area of the city, depending on need.



Significant energy savings

Ribeira is realizing energy savings of up to 70% and enjoying brighter streets thanks to the urban LED lighting

renewal project with Interact City.



Streamlined maintenance

With Interact City, Ribeira city officials are always one step ahead – the system generates an automatic alert if there's a

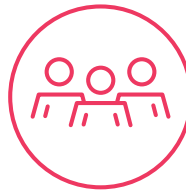
system fault, allowing maintenance teams to react immediately to minimize downtime.



Scene management

Remotely adapt city lighting to time of night, season, or context. Turn lighting up if there's a traffic accident or crime. Dim to 30% when the

streets are empty late at night.



Better services for citizens

Interact City alerts operators if there is a problem before residents have even noticed, allowing the delivery of a

seamless service to citizens.

Project details

- The system has delivered cost savings of 70%, as predicted, and an improved feeling of safety
- The Council upgraded roughly 8,600 road and urban light points to Philips LED luminaires
And more than 6,500 of these are managed via Interact City

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