

Three islands, one connected LED lighting system

Since 2013, the Port Authority has been using the Interact City connected LED lighting system to improve efficiency, reduce their carbon footprint and provide better service to users at the Ports of Tenerife, El Hierro and La Gomera.

“The best part of using the software, provides control of both the new Philips LED luminaires, but also to the high pressure sodium light points that haven’t yet been replaced by LED luminaires.”

Santiago Yanes, Port Operations Manager

Customer challenge

The Port Authority was interested in an upgrade to the three ports, and from the beginning, lighting was considered an integral part of this transformation process. “We were clear we wanted to make a change to LED,” explains Javier Mora, Head of the Department of Infrastructure for the Ports of Tenerife. “We did tests with several brands and products, but none offered us as good a result as Signify. We spent a long time looking for a tool that we could use to control luminaires – and then Signify introduced us to the Interact City connected LED lighting system.”

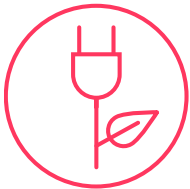
Solution

The Port Authority saw great value in choosing the new connected lighting control system and they proceeded with the port lighting upgrade at three different locations. Each uses Philips Iridium LED luminaires, controlled and managed by Interact Lighting asset management software. “There is no longer any need to organize regular on-site visits to check whether all light points are still up and running. If a light point fails, the system sends an automatic notification, which includes all the information that we need to fix the issue as soon as possible,” explains Santiago Yanes, Port Operations Manager. Additionally, the new luminaires are designed to shine light towards the structures instead of into the sky.

Interact – making it happen

The combination of Philips LED luminaires and Interact City Lighting delivered substantial savings – as much as 60% in terms of energy consumption, as well as increased the service life of the luminaires and reduced maintenance costs. The new connected lighting and software system enable the authorities

to more accurately budget and plan thanks to the granular data collected on the performance and energy consumption of the installation. And because the software is scalable, the ports also have the flexibility to extend the scope and size of the lighting installation in the future.



Savings and peace of mind

After replacing their existing lights with LEDs and connecting them to the Interact City Lighting asset management software, the ports achieved

energy savings of over 60%. They also saw a significant reduction in terms of maintenance requirements as a result of the automatic fault notifications generated by the system when there is an outage.



Automatic upgrades and ready to be extended

Remote upgrades make it possible for the Port Authority to stay up-to-date with any

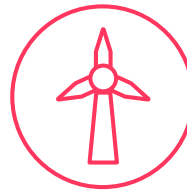
innovations and upgrades that are applied to the Interact City Lighting asset management software. Furthermore, by connecting the older conventional luminaires to the Interact City system, the Port Authority has greater flexibility in terms of budgeting and planning to further expand their lighting installation.



Flexibility

Interact City Lighting asset management software allows the Port Authority and operations to manage and control all light points

individually or in groups using a single dashboard application from any location.



Efficiency and sustainability

With Interact City, the port can now set dimming schedules for all connected Philips LEDs, which, combined with an

innovative luminaire design, has eliminated nearly all light pollution emissions at the port. ports. This makes the installations compliant with the Sky Law as defined by the Spanish law and the Instituto de Astrofísica (IAC).

Project details

- Local and remote control through a scalable and secure platform
 - Over 1300 Philips LED luminaires installed
- One integrated platform remotely managing three ports

➤ Find out how Interact can transform your business

www.interact-lighting.com/city

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