

**PHILIPS**

Outdoor Lighting

CityTouch

# Three islands, one lighting system

The Port Authority of Santa Cruz de Tenerife manages lighting on three islands from one location with CityTouch software

“ We found CityTouch to be the ideal solution for managing our outdoor lighting system.”

**Santiago Yanes**  
Lighting Operator, Ports of Tenerife



CityTouch

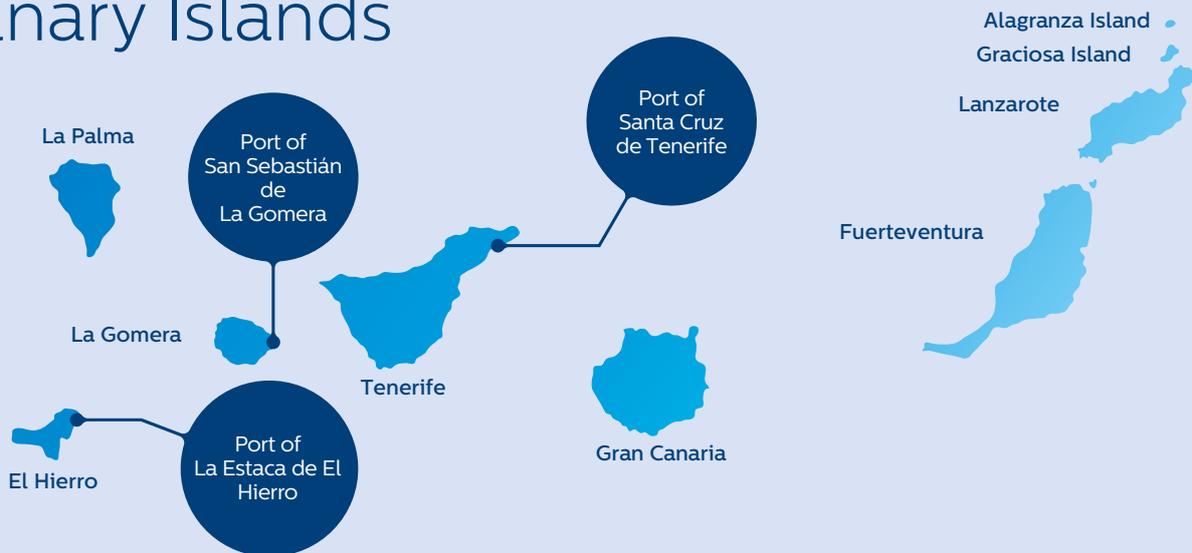
.....  
Islands of Tenerife,  
El Hierro, and  
La Gomera

.....  
**Port lighting**  
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# Canary Islands



## Project

Ports of Tenerife, El Hierro, and La Gomera

## Client

Port Authority of Santa Cruz de Tenerife

## Date

November 2013

## Products

Speedstar, CityTouch



## Reducing costs by adjusting lights



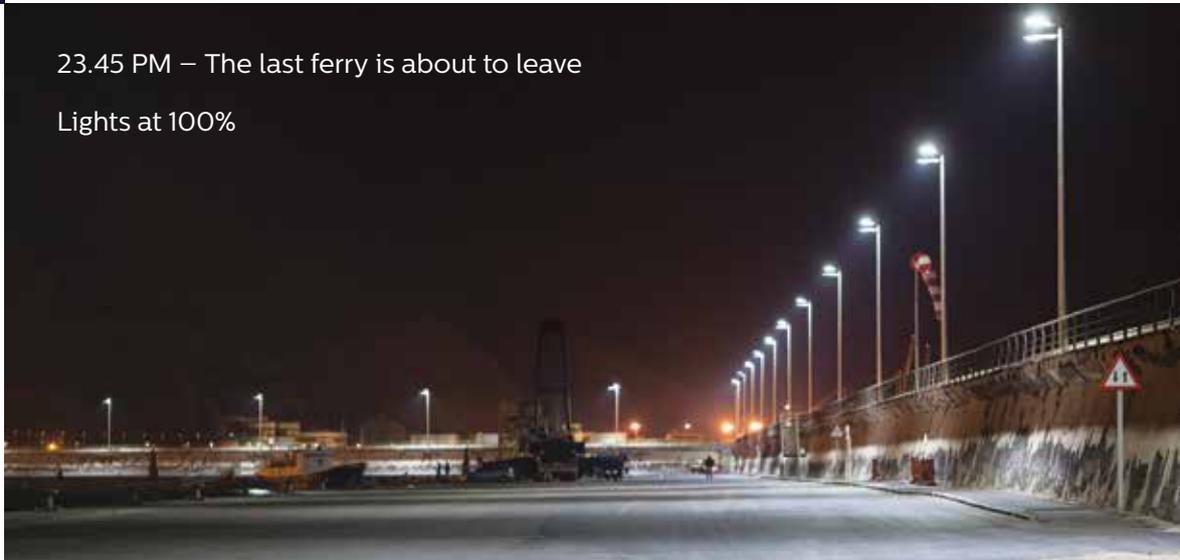
It's the dead of night when the last ferry leaves the port of San Sebastián de la Gomera, heading for the island of La Palma. Police officers close all vehicle access to the docks, while port workers and visitors gradually leave the boarding area.

Barely half an hour later, luminaires at the port dim to the minimum light level required for safety. To save energy, they will remain dimmed until the next boat arrives.

No one is staying up late to control the lights. Santiago Yanes programmed them a few days earlier using CityTouch software from his office at the Port Authority on the island of Tenerife.

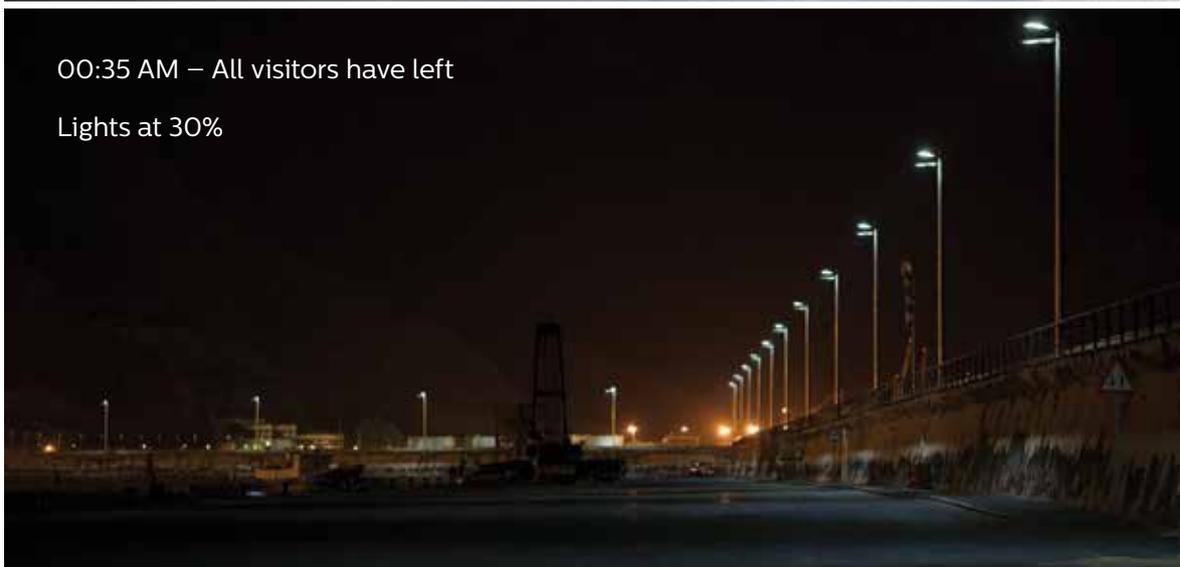
23:45 PM – The last ferry is about to leave

Lights at 100%



00:35 AM – All visitors have left

Lights at 30%



“CityTouch lets me do what I need to do, when I need to do it, and it has the Philips guarantee, which is very important for me.”

Santiago Yanes  
Lighting Operator, Ports of Tenerife



## Simplifying the lighting process

The Santa Cruz de Tenerife Port Authority has been using CityTouch software since 2013 to remotely manage lighting at the ports on the islands of Tenerife, La Gomera, and El Hierro. Santiago Yanes, Lighting Operator, is in charge of operating CityTouch for these ports. From the beginning, he was impressed by the ease of use and versatility offered by the Philips CityTouch solution. “The first day I started using CityTouch, I was really surprised. I even found the system fun to use,” Yanes explains as he logs in. “I could obtain information about every single luminaire at our ports, manage their light levels in real time, or program them months in advance from any computer.”



## Saving energy with the click of a mouse

The port authority was looking to reduce the energy consumption and environmental impact of its outdoor lighting. “From the start, we were clear that we wanted to make the switch to LED,” explains Javier Mora, Facility Manager, Ports of Tenerife. “We tested various brands and products, but none of them offered the excellent results that Philips gave us. These results are corroborated with each electricity bill we receive,” adds Mora with a smile.

Santiago Yanes stresses the difficulty of finding an outdoor lighting management system that would meet the port authority’s needs: “We spent a lot of time looking for a system that would enable us to manage our outdoor lighting adequately. We found CityTouch to be the ideal solution for us.”



The combination of Philips LED luminaires and CityTouch technology has enabled Mora and Yanes to reduce energy consumption by as much as 60%, extend the useful life of the luminaires, and lower maintenance costs to almost zero.

“We no longer need to carry out one-by-one maintenance checks on the port lighting,” explains Yanes. “If a light point fails, CityTouch instantly sends me an e-mail stating which luminaire has failed and why. This really speeds up the task of maintaining the installation.”

“Best of all,” says Yanes, “with CityTouch, we can control the new LED lights as well as the sodium vapor lamps that we haven’t yet replaced, improving the entire installation.”



#### Flexible, easy-to-use interface

CityTouch offers a flexible, easy-to-use, point-and-click interface, allowing outdoor lighting managers to control all light points in an installation – whether they’re LED or conventional.

“

With CityTouch, we can manage the new Philips LED luminaires, **as well as the sodium vapor lamps that we haven’t yet replaced.**”

**Santiago Yanes**

Lighting Operator, Ports of Tenerife



## Preserving the night sky

Since 2008, the Santa Cruz de Tenerife Port Authority has carried out a series of investment projects to modernize the ports of La Estaca (El Hierro), San Sebastián de la Gomera (La Gomera), and Santa Cruz de Tenerife (Tenerife), creating an infrastructure that improves the efficiency of the ports, reduces their carbon footprint and provides better services to its users. The port authority is also developing environmental codes of conduct aimed at achieving environmental certifications recognizing the efficiency and sustainability of the port facilities.

“Lighting is essential at the ports,” says Javier Mora. “And having lighting that is sufficient for the work you

need to do – at the time when you need to do it – is a way for us to be efficient.”

By combining Philips LED luminaires and CityTouch, the port authority has been able to eliminate practically all light pollution within the ports, complying with the Spanish Law for the Protection of the Astronomical Quality of the IAC Observatories, better known as *The Sky Law*. As UNESCO has stated in its *Universal Declaration on the Rights of Future Generations*, the visibility of the night sky is an integral part of the common heritage of all citizens and future generations.

