



PHILIPS

Bègles, Bordeaux
France

Public lighting

Comfortable yet energy-efficient urban lighting for everyone

Bègles leads the way in the region

The new public lighting installation in Bègles, France has become a leading example in the wider region of Bordeaux. Surrounding cities have now started upgrading their urban lighting to more energy efficient and comfortable LED lighting.

“Lighting plays an indispensable and integral part in landscape design. **Without high-quality illumination, a design cannot be successfully realized.**”

Paul Trouillot, Landscape architect

Meeting diverse requirements

Around 2010, the municipality of Bègles decided to upgrade its urban lighting system. The key focus of the new project was to illuminate the busiest streets in the town center. It was also critical that the new system delivered a high quality of light during the night and above all, that it made the town a better place to live for local residents. What's more, the system had to comply with local lighting regulations, particularly those governing spaces used by disabled people.

Choosing the right technology

At the time, high-intensity discharge (HID) lighting technology had improved to a point where it seemed to be a solution. But as discussions evolved and lighting technology rapidly developed, LED became the obvious choice if the municipality wanted to maximize energy savings and take other ecological factors into account.

After deciding on LED lighting, the municipality also opted for Philips CityTouch, a remote lighting management system that enables lighting points to be monitored, managed and measured via easy-to-use web applications. It also allows city authorities to gain insights into the state of the installation by analyzing data provided by the system.

Putting it all together

Landscape architect Paul Trouillot very much liked the discreet lines of Metronomis LED luminaires as they could blend seamlessly with the town's architecture and had the added advantage of being able to project customized light displays on the ground. As a result, Metronomis LED along with some TownGuide luminaires designed for urban spaces were mounted in brackets and poles and then connected to the Philips CityTouch remote lighting management system across town. Paul Trouillot also designed the projections for the Metronomis LED. Incorporating a motif of fish and water ripples, these projections reflect the history of Bègles as a fishing port.

“Metronomis had the added advantage of being able to project customized light displays on the ground.”

Paul Trouillot, Landscape architect



Energy savings of 70%

The new energy efficient LED installation enabled Bègles to achieve energy savings of up to 70%



High quality of night-time light

Thanks to the high quality of light delivered by TownGuide and Metronomis LED, the night-time experience became more enjoyable for residents and tourists.



Special design element resembling the city's symbol

The special ability of Metronomis LED to project customized light displays on the ground, such as the town's symbol, has increased people's connection to the city.



Compliance with lighting regulations

The new lighting scheme is fully compliant with local regulations

About Bègles

Bègles is a municipality in the county of Gironde in south-west France. With approximately 25,000 inhabitants, it's a suburb of the city of Bordeaux, the country's fifth largest city. In 2007, UNESCO recognized Bordeaux as a World Heritage Site. As a result, Bègles also hosts large numbers of tourists throughout the year. They come to visit the region's numerous historical buildings and museums, sample the local wines and enjoy the area's many other tourist attractions.

Fast facts

Customer: Municipality of Bègles

Urban planner: Aquitanis

Landscaper: Trouillot & Hermel

Landscape architect: Paul Trouillot

Architect: Atelier Charrier

Installer: Eiffage Energie Aquitaine

Location: Bègles, France

Systems & products: CityTouch Metronomis LED, TownGuide

Find out [more](#) about how Philips Lighting can transform urban spaces

