

Bahía Sur Shopping Center in Cádiz chooses Lumiance signo luminaires for energy efficiency and flexibility

Bahía Sur, Cádiz

Bahía Sur shopping centre in Cádiz, Spain, goes one step further in its sustainability policy with the replacement of 70W metal halide fixtures by installing the modern and innovative Signo LED 28W downlight from Lumiance by Feilo Sylvania.

This refurbishment has resulted in energy savings of 60% due to the low consumption of the new LED luminaire. In addition, as Signo has a lifespan of 50,000 hours, the maintenance costs of replacing the luminaires were reduced.

The so-called "fourth generation" shopping centre complex, Bahía Sur shopping centre, integrates fully operating commercial,

recreational and leisure, sports and residential facilities in tourism. Since its opening in 1992 it has become the nerve centre of the Association of Municipalities of Bahía, which serves all populations across Arch Bay and the Sierra de Cádiz and Cádiz, Puerto Real, Chiclana, Puerto de Santa María, San Fernando, Conil, Rota and Jerez, among others. It has expanded its offering with a dining area where guests can enjoy the breath-taking views of the Bay of Cádiz while sampling the local cuisine.

"Bahía Sur is committed to the environment and to minimize the impact that the mall has. Hence, we have launched a series of actions which highlight energy savings," says Laura Moreno, Marketing Manager Bahía Sur Shopping Centre. "It is our effort to be more efficient and also improve the quality of the lighting within the centre to make the shopping experience pleasant for visitors."

Key Facts

Client: Bahía Sur

Key Outcomes

- 60% energy savings
- Improved quality of light
- No impact on the characteristics of each store



The main challenge facing this project was to achieve quality lighting in public areas that would not impact on the characteristics of each store and shop windows. To do this, it was essential to have a luminaire that provided a neutral white light of 4000K and an adjustable light beam.

"The decision to go with the Lumiance Signo 28W LED was easy after discovering it fitted all our needs, including the quality and control of light, the installation and replacement costs as well as the energy consumption," says Laura Moreno.

Signo is specifically designed for lighting shops and showrooms. Made of cast aluminium, it is characterised as the only square downlight with reflector that allows a separation of almost double between each light, reducing light pollution. While a traditional installation takes ten luminaires to achieve the required levels of lighting, Signo only needs six to achieve the same lit effect. This means lower initial investment costs and up to 60% savings on energy and maintenance.

Signo has a special rotation system inside the housing for optimum fit. The 355° rotation and 60° tilt provide great flexibility for applications in shops and that allows designers to easily adjust the beam position and focus points without the need to reform the lighting system. Therefore, these new versions of the Lumiance Signo range become one of the most versatile and most profitable market downlights.

"For us it was a great to be involved with this project and to have contributed to the Bahía Sur of Cádiz Mall, which now has an improved lighting scheme and the total investment will lead to significant savings in the future," says Eduardo Fuentes, Country Manager of Feilo Sylvania Iberia.



Key Benefits

- Energy Savings
- Improved quality of Light
- Keeping the shops as the focus