



INTRODUCING LED LIGHTING AT SHOPPING CENTRES IN SPAIN

Compared to conventional lighting, LED offers the advantages of a longer life time and greater efficiency, both of which are favourable for the environment. Furthermore, the quality of light produced by LED is clearer, and no harmful substances are produced by the equipment. By installing LED lighting in Gran Casa and Dos Mares shopping centres (both in Spain), Sonae Sierra has been able to reduce electricity consumption, enabling cost savings for the Company as well as improving the aesthetic quality of both shopping centres.

At Gran Casa, introducing LED lighting has enabled us to reduce lighting electricity consumption by 64,240 kWh in 2010 compared to 2009. The payback period for the cost of this equipment and its installation is less than a year, with cost savings of approximately €10,236 in 2010.

At Dos Mares, we replaced 240 lamps with 730 LED lamps in December 2009, at an investment cost of €16,289. This has allowed us to reduce the electricity consumption in this centre by around 25,196 kWh in 2010, resulting in cost savings of approximately €2,500 in the first year. In 2010, Dos Mares consumed an average 574 kWh per m² (mall and toilet area), compared to 586 kWh in 2009 (a reduction of 2%).

