

## Improving emergency lighting at LoureShopping

Installing emergency lighting is a compulsory Safety & Health (S&H) requirement in Europe and other parts of the world. It is used to signpost the way towards a building's exit in the case of an emergency. But because those lights have to be left on at all times, they continually use power.



At LoureShopping, emergency lights in the car park area (floors 1 and 2) were scheduled to be replaced in 2011 and the team took this opportunity to retrofit the existing lights with an energy efficient solution. A total of 600 lights were taken out and LED lighting installed, at a cost of €2,600. Each new light, provided by the company Alternative4U, has an autonomous power supply and consumes no more than 3W. The lights can stay in operation for 50,000 hours, reducing the need for maintenance.

The lights save 72kWh per day and over 26,000kWh a year. As a result, this measure allows a €2,628 annual reduction in operational costs. Thanks to these savings, the initial investment was paid back in less than a year.