

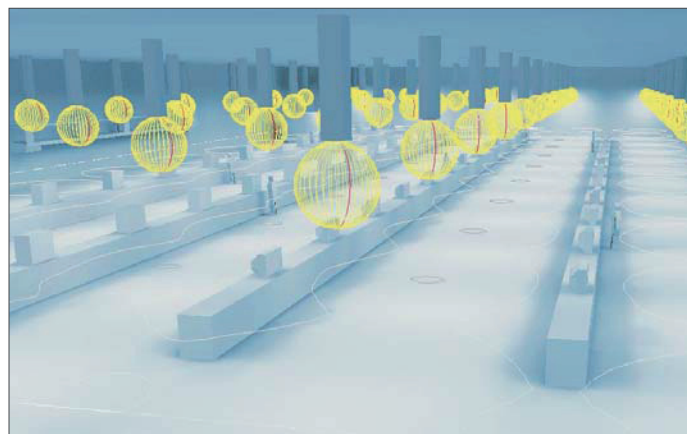
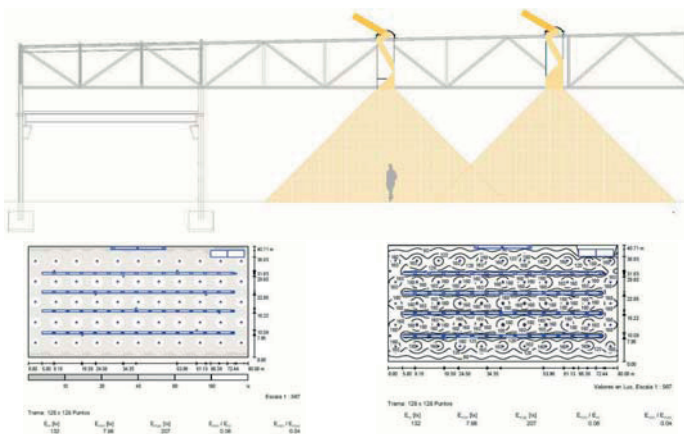


SONY

INSTALLATION of DEPOSUN lightpipes in SONY factory in Viladecavalls, Barcelona.

ARQUITECT :	Xavier Meseguer · Ing. Torrella
CONSTRUCT:	Barcelona
DATE:	Mayo · 2006
REF:	OFT · 942 · 06

Engineering company Ingenieria Torrella, was doing a project for a new production area inside the SONY factory, and one of the improvements proposed was Espacio Solar DEPOSUN lightpipes. The main objective was to improve quality of life of the workers in these area, and energy saving, due to the use of daylighting instead of artificial light. The selected model was Glass.top 760 (diameterd 76Cm), and a length of the aluminium pipe of 2 meters. Selected diffuser was hanging version in order to be suspended inside the factory (no internal ceiling available). A electronic lighting control to regulate the artificial light depending in the levels of daylighting was also installed. Levels of daylighting were calculated with special software, depending on season of the year, time, latitude, in order to achieve level requested.



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