



# DEPOSUN SUN PIPES

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**ICG INDUSTRIAL BUILDING LINES**  
**DEPOSUN SUNPIPES lit and technology**  
**DEPOCELL SKYLIGHT with more than**  
**1000m<sup>2</sup> with natural light**

ARQUITECT:	Joaquin Mora
CLIENT:	ICG Software
DATE:	May 2011
REF:	OFT-2420-09



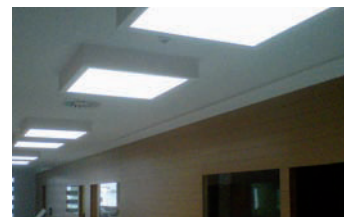
ICG property and the architect in collaboration with Space Solar valued the option to improve natural lighting inside the newly built ship ICG, to streamline their headquarters.

ESPACIO SOLAR study this project, allowing natural light illuminate different areas with light levels needed for each specific activity, more than 1000 m<sup>2</sup> illuminating different areas of the building:

The areas illuminated with light pipes 760 and 300 are a large multipurpose room work of 500m<sup>2</sup>, 100m<sup>2</sup> four workshops, dressing rooms and toilets corridors in different areas.

The area illuminated by skylights sloping DEPOCELL technology, is the Museum which has enabled the company about the history of computing.

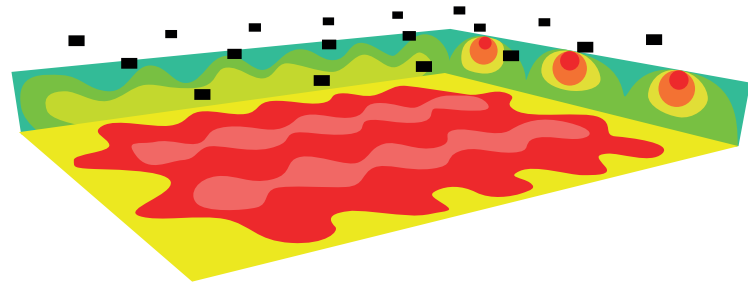
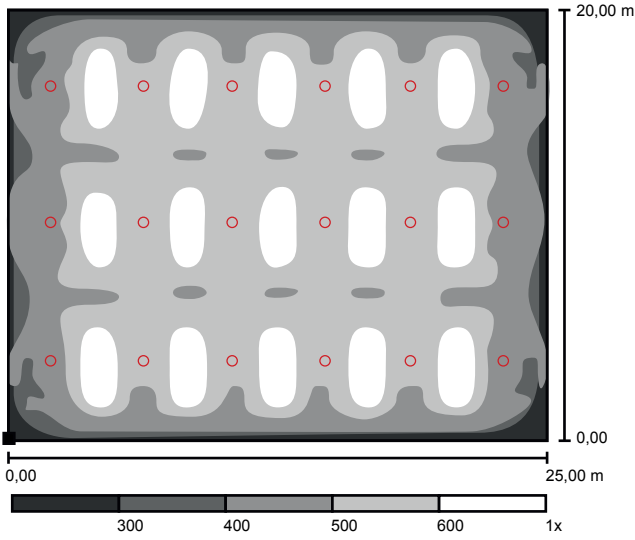
The attractive investment returns, added to being a passive system from day one and generates natural light, a source of energy efficient and sustainable, these systems do a very good solution for this type of industrial.



For information (+34) 934090359 or visit [www.espaciosolar.com](http://www.espaciosolar.com) and discover the possibilities of sun pipes, solar reflectors, optic fiber systems, or our high performance skylights. We work to make **your projects shine**.



#### INDUSTRIAL BUILDING 500m<sup>2</sup> / Working plane / Grey scale (E)



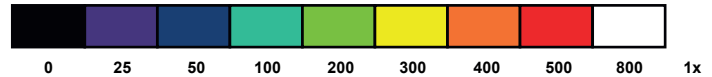
Situation in local area:  
Marked point:  
(0.000 m, 0.000 m, 0.850 m)



Escale 1 : 179

Plot: 128 x 128 Puntos

$E_m[1x]$	$E_{min}[1x]$	$E_{max}[1x]$	$E_{min}/E_m$	$E_{min}/E_{max}$
516	224	689	0,434	0,325



TOP LEFT: Study performed with DIALUX light for working salapolivalente 500m<sup>2</sup>, illuminated with 18 channels GLASS-TOP 760. Shows the distribution of natural light provided on work surface, indicated unmapa shades of gray, scaled by the level of LUX. For an office area and is the recommended level is about 500 lux at working plane that are showing the study. ESPACIO SOLAR can advise, measure and plan to these studies the level of natural light that bring their pipes inthe different zones is proposed for use.

TOP RIGHT: 3D Render with a scaled map of the level of natural light, cool colors and warm light level as that obtained in the diferentesparedes and ground level. Cooler tones indicate lower levels of LUX and warmer tones indicate higher levels. As you can see the zonacentral the room gets a reddish tone that indicates a light level between 500 and 800 LUX.

BOTTOM: Calculation of savings and level of lumens provided by the ducts, segúnlos months, made with DEPOCAC.

