



Video 1.1 documentation

Technical executive summary

Solar Thermal Collecting System with Changing Images Generation

ALCREA SOLAR Project

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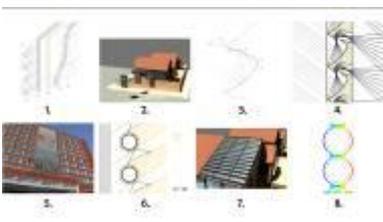
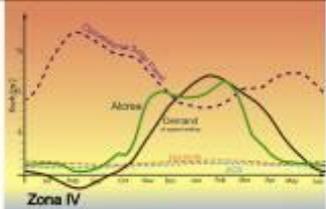
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Technical executive summary

To introduce each video

	<p>Good morning, I'm Arturo Lobo, responsible of Alcrea Solar project, which has been carried out by a small group of engineers and architects, to develop a solar heating system with generation of changing aesthetics. This project has received a research and development award and it has currently two worldwide patents pending.</p>
	<p>At the whole of videos, we want to present you the main patent in detail, and also the descriptions about some products and several aspects related with this technology, whose aim is illuminate with sunlight a house or a building, or absorbing that energy, according to the thermal demand curve and without mobile elements.</p>
	<p>It means, the system absorbs much more energy in winter than in summer, and that is necessary to be able to dimension a solar heating system, which in winter needs 8 times more energy than domestic hot water, that DHW curve and nothing in summer.</p>
	<p>In addition, that technology allows generate pictures or colours on the building's facade without additional elements. Those images or colours could change with the sun or spectator position. As well as, this system is able to generate high concentrations,</p>
	<p>To understand those systems is recommended to start by the videos of summary and basis.</p>
	<p>We apologize for the simplicity of these videos, which has been created by the research team itself, only with educational and informative intention.</p> <p>This introduction with a length of one and a half minutes, it's repeated in all the videos.</p>