

PHOTOVOLTAIC SKYLIGHT RENOVATION

The Town Hall of Conil in Spain has undergone a transformative update, embracing modernity and sustainability through the incorporation of a **crystalline silicon photovoltaic skylight**.

This innovative PV glass features a double glazing unit configuration coupled with a **low-e coating**, enhancing the thermal insulation of the installation. Simultaneously, it introduces natural light into the building, offering an impressive average of **25% Light Transmission (VLT)**.

With a total system size of **12.20 kWp**, this photovoltaic Skylight generates approximately **19,000 kWh/year**. This substantial output provides ample energy to power **1,100 LED** light-points for 8 hours each day, marking a significant stride towards sustainability for the Town Hall of Conil.



TECHNICAL DATA

Nominal Power (Wp/m ²)	131 Wp/m ²
Visible Light Transmittance (VLT)	25%
Solar Factor (g-value)	30%
U value (W/m ² K)	2.70
U value (Btu/h ft ² °F)	0,48
Light Reflection (external)	8%



TECHNICAL DATA SHEET



CONIL CITY HALL
CONIL, SPAIN

SKYLIGHT

CRYSTALLINE SILICON TECHNOLOGY



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