

PHOTOVOLTAIC SKYLIGHT NEW CONSTRUCTION

Omeraki Restaurant owned by renowned chef and TV star **Alberto Chicote** installed Onyx Solar's **energy generating see-through architectural glass**.

The project integrates crystalline silicon photovoltaic glass with **47% VLT** to allow a great amount of natural light to pass through.

Each PV insulated glass unit is configured with 4T+4T mm glass and a **12 mm argon chamber** in order to achieve an outstanding thermal and sound insulation that is a must to ensure the comfort of the foodies that visit this restaurant located in the heart of Madrid to enjoy Chicote's food.

The **layout was custom-made to achieve also an optimized g-value (SHGC) and block the entrance of a good amount of heat.**

In other words we customized the PV glass to achieve the best possible balance between visible light transmittance, solar heat coefficient and nominal power for this iconic project.



TECHNICAL DATA

Nominal Power (Wp/m ²)	104 Wp/m ²
Visible Light Transmittance (VLT)	47%
Solar Factor (g-value)	50%
U value (W/m ² K)	1.20
U value (Btu/h ft ² °F)	0,20
Light Reflection (external)	8%



TECHNICAL DATA SHEET



OMERAKI RESTAURANT
MADRID, SPAIN

SKYLIGHT

CRYSTALLINE SILICON TECHNOLOGY



BACK TO START

