

PHOTOVOLTAIC CANOPY NEW CONSTRUCTION

Yahoo's founder trusted Onyx Solar to build a photovoltaic canopy of 3,500 SqFt in his private residence in Hawaii. This photovoltaic canopy efficiently harnesses the abundant Hawaii's solar radiation, providing a reliable and sustainable source of electricity.

The project, one of the first ones Onyx completed in the USA back in 2010, has been **up-and-running for over a decade**, producing clean, free power to the owner of the building.

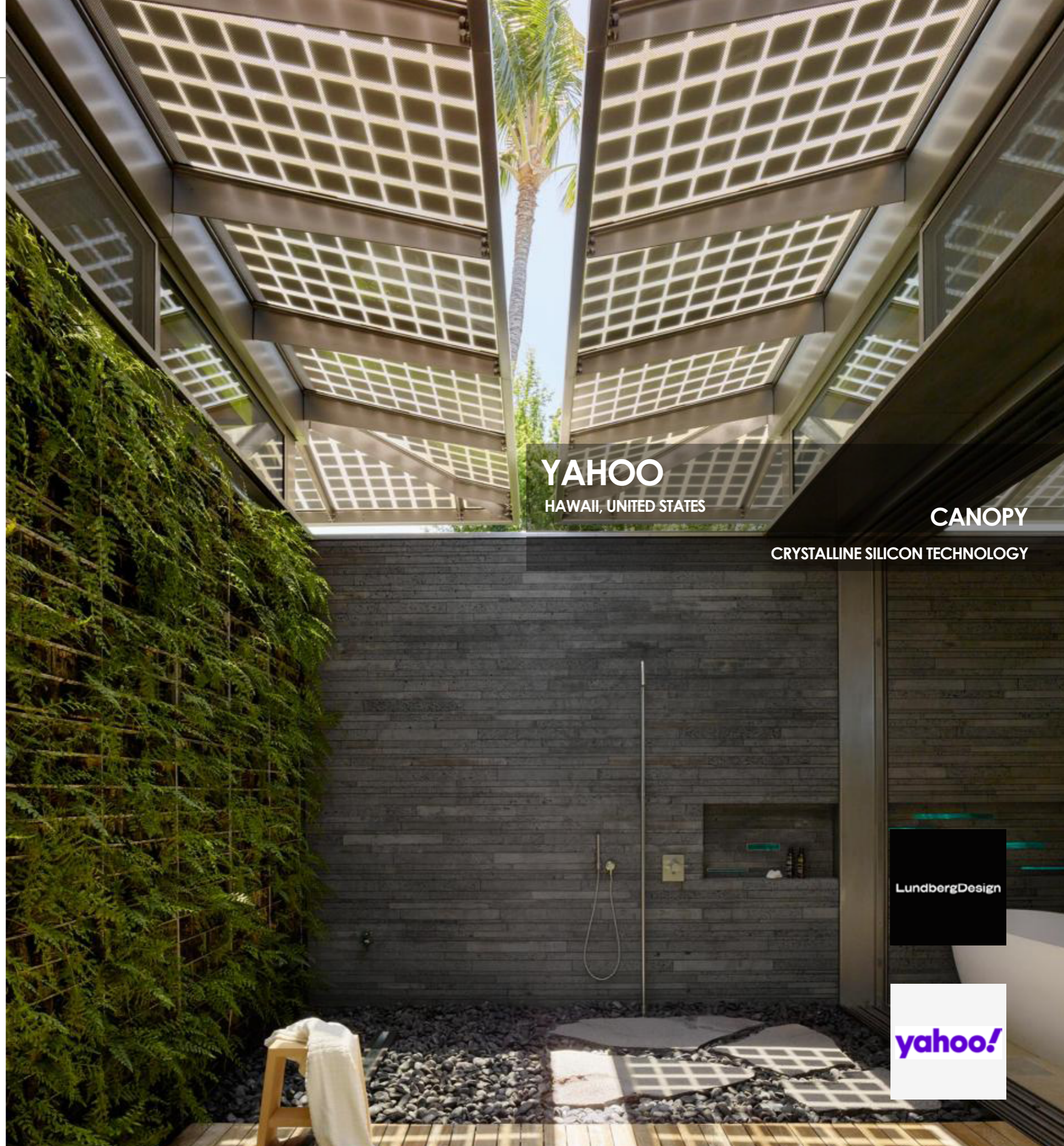
The PV glass was made with an inboard dot-pattern ceramic frit that enhanced the aesthetics of the product while improving its shading capabilities.

The installed canopy is capable of generating enough power to power the **3,300 lights in the building and avoid the emission of 38 tons of CO₂** into the atmosphere.



TECHNICAL DATA

Nominal Power (Wp/m ²)	106 Wp/m ²
Visible Light Transmittance (VLT)	32%
Solar Factor (g-value)	35%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



YAHOO
HAWAII, UNITED STATES

CANOPY

CRYSTALLINE SILICON TECHNOLOGY

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