

PHOTOVOLTAIC CANOPY RENOVATION

The **refurbishment** of Union City's high-speed multimodal station near San Francisco included a drop-off canopy incorporating Onyx Solar's crystalline silicon photovoltaic glass.

This canopy structure utilized nearly **800 pieces** of laminated safety glass, each consisting of 5/16" over 5/16" fully tempered glass. The PV glass panels, sized at 1,805 mm x 1,137 mm (5.92 x 3.73 Ft), generating up to **172 Watt/unit**, generating **175,000 kWh/year**.

To enhance the interior aesthetics, **the glass features a white color ceramic frit** on surface that partially conceals the solar cell screen print on its reverse side.



TECHNICAL DATA

Nominal Power (Wp/m ²)	140 Wp/m ²
Visible Light Transmittance (VLT)	25%
Solar Factor (g-value)	20%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



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