

PHOTOVOLTAIC CANOPY NEW CONSTRUCTION

The new Terminal A at Newark Liberty International Airport is set to **replace the existing terminal with a cutting-edge**, 1 million-square-foot structure featuring 33 gates dedicated to domestic flights.

The terminal's **crystalline silicon photovoltaic glass canopy** boasts a power output of each glass panel in this system varies, ranging from 228 watts per unit to 381 watts per unit.

Comprising **540 photovoltaic glasses available in various sizes**, such as 2,134 x 1,677 mm and 2,286 x 1,677 mm, this system is a testament to adaptable solar energy solutions.

The PV glasses, featuring a heat-soak tested **10T+10T mm glass configuration**, are designed for both durability and efficiency. Moreover, **they provide a 60% transparency degree**, striking a balance between **energy generation and natural light transmittance**.



TECHNICAL DATA

Nominal Power (Wp/m ²)	82 Wp/m ²
Visible Light Transmittance (VLT)	60%
Solar Factor (g-value)	N/A
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



TECHNICAL DATA SHEET



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CANOPY

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