

PHOTOVOLTAIC CANOPY RENOVATION

Thanks to Onyx Solar's PV glass, **this station located in Australia** runs on solar power during daytime providing a clean energy supply.

In addition the photovoltaic glass serves to **filter harmful UV and IR rays**, improving the overall passenger experience and creating an aesthetic mosaic pattern throughout the station.

The **cell density was customized** following customer's requirements to achieve the **best balance between energy generation, visible light transmittance and solar heat gain coefficient**.

Through this modernization initiative, the station was transformed into a beautiful and contemporary facility that emphasizes sustainability along with aesthetic appeal.



TECHNICAL DATA

Nominal Power (Wp/m ²)	142 Wp/m ²
Visible Light Transmittance (VLT)	26%
Solar Factor (g-value)	30%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



TECHNICAL DATA SHEET



RAILWAY CENTRAL STATION

SYDNEY, AUSTRALIA

CANOPY

CRYSTALLINE SILICON TECHNOLOGY

