

PHOTOVOLTAIC CANOPY RENOVATION

Representing one of the globe's largest and most advanced centers for digital printing technology in HP's new 3D Research and Development Center in Barcelona, Spain, the project involves a **photovoltaic canopy** crafted from **high-density solar cell glass**.

This design not only **offers shade** but also maximizes **energy generation capacity**. Each PV glass panel measures approximately **2,890 x 730 mm**, covering a total area of **1,000 m²**.

The cumulative system size amounted to **138 kWp**, allowing the client to offset a substantial portion of its daily energy consumption through sustainable energy generation.



TECHNICAL DATA

Nominal Power (Wp/m ²)	129 Wp/m ²
Visible Light Transmittance (VLT)	33%
Solar Factor (g-value)	40%
U value (W/m ² K)	N/A
U value (Btu/h ft ² °F)	N/A
Light Reflection (external)	8%



TECHNICAL DATA SHEET



HEWLETT PACKARD

BARCELONA, SPAIN

CANOPY

CRYSTALLINE SILICON TECHNOLOGY

