

TECHNOLOGY CENTER
 CYPRUS INTERNATIONAL UNIVERSITY **FAÇADE**
 AMORPHOUS SILICON TECHNOLOGY

PHOTOVOLTAIC FAÇADE
NEW CONSTRUCTION

Cyprus International University's Science and Technology Center stands as a groundbreaking, state-of-the-art architectural marvel, defining itself through an unparalleled commitment to sustainable innovation. This cutting-edge facility leads the nation with its on-site clean power generation system, made possible by the installation of the largest photovoltaic façade in the country.

The façade is composed of over 1,000 square meters (10,760 sq ft) of amorphous silicon glass, each piece measuring 1,245 mm x 1,849 mm with a 30% visible light transmittance (VLT).

This remarkable undertaking not only solidifies the university's prowess in innovation but also serves as an exemplary educational model, empowering students to delve into the realms of sustainable technology and groundbreaking research, while fostering a legacy of forward-thinking solutions for generations to come.



TECHNICAL DATA

Nominal Power (Wp/m ²)	62 Wp/m ²
Visible Light Transmittance (VLT)	0%
Solar Factor (g-value)	23%
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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