

# PHOTOVOLTAIC FAÇADE

## NEW CONSTRUCTION

Onyx Solar's amorphous silicon photovoltaic glass was integrated into the spandrel areas of Barcelona's SMART building, covering a total area of 1.000 m<sup>2</sup> with 641 units of varied dimensions. Each glass panel features a **color frontal frit** that not only adds a vibrant appearance but also meets the required optical and structural standards for the project.

The smart building represents a novel office concept boasting prestigious LEED Platinum, WiredScore, and WELL Gold certifications, endorsing its sustainable and forward-thinking design. Nestled in Barcelona's technology district, 22@, it stands as a pivotal hub for technology and digital innovation in the city.



### TECHNICAL DATA

Nominal Power (Wp/m <sup>2</sup> )	45 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	0%
Solar Factor (g-value)	23%
U value (W/m <sup>2</sup> K)	N/A
U value (Btu/h ft <sup>2</sup> °F)	N/A
Light Reflection (external)	8%



TECHNICAL DATA SHEET



**SMART BUILDING**  
BARCELONA, SPAIN

FAÇADE

AMORPHOUS SILICON TECHNOLOGY

GCA

Meridia

BACK TO START

