

PHOTOVOLTAIC SKYLIGHT NEW CONSTRUCTION

The **crystalline silicon PV glass** provided by Onyx Solar for the central atrium of Cuyahoga Community College's Western Campus STEM Center is key for its design, especially **considering the quiet environment needed** for a university in Ohio's varied climate.

This laminated, insulating glass offers **excellent thermal insulation and noise reduction**, essential for maintaining a conducive learning atmosphere. Its energy-generating capability, approximately 33,000 kWh/year, significantly meets the building's energy needs, contributing to the **STEM Center's LEED Gold Certification**.



TECHNICAL DATA

Nominal Power (Wp/m ²)	128 Wp/m ²
Visible Light Transmittance (VLT)	34%
Solar Factor (g-value)	40%
U value (W/m ² K)	1.60
U value (Btu/h ft ² °F)	0,21
Light Reflection (external)	8%



TECHNICAL DATA SHEET



STEM LEARNING CENTER

CUYAHOGA, OHIO, UNITED STATES

SKYLIGHT

CRYSTALLINE SILICON TECHNOLOGY

WMF
WEBER MURPHY FOX

