PHOTOVOLTAIC SKYLIGHT

NEW CONSTRUCTION

A partnership between BioMed Realty, the University of California and the design team of Perkins-Will led to the award-winning Center for Novel Therapeutics (CNT).

The atrium allows the massive **entrance of natural light** inside the building and constitutes an important **source of clean energy.**

The insulated PV glass units installed incorporate a **12mm air chamber** that offers a great thermal insulation throughout the whole year reducing the need for heating and cooling.

U.S. GREEN BUILDING COUNCIL
LEED GOLD
USGBC

TECHNICAL DATA

Nominal Power (Wp/m²)	34 Wp/m²
Visible Light Transmittance (VLT)	16%
Solar Factor (g-value)	12%
U value (W/m²K)	1.60
U value (Btu/h ft² °F)	0,21
Light Reflection (external)	8%

TECHNICAL DATA SHEET

PDF

CENTER NOVEL THERAPEUTICS

UNIVERSITY OF CALIFORNIA, UNITED STATES

SKYLIGHT

AMORPHOUS SILICON TECHNOLOGY

"One of the more notable features of the CNT is the atrium. The atrium serves as a gathering place where people are encouraged to experiment, collaborate and share ideas of their on-going research and discoveries. **The atrium serves as the central lung for the building introducing generous amounts of daylight into the adjacent offices and meeting areas."**

Project Manager - Perkins+Will Architects

Perkins&Will

BioMed Realty
Discover here.

Center for Novel Therapeutics
SAN DIEGO

BACK TO START ▲