



DANPALON® 3DLITE

GLAZING MATERIAL

Balancing Daylight
Throughout the Day



www.danpal.com

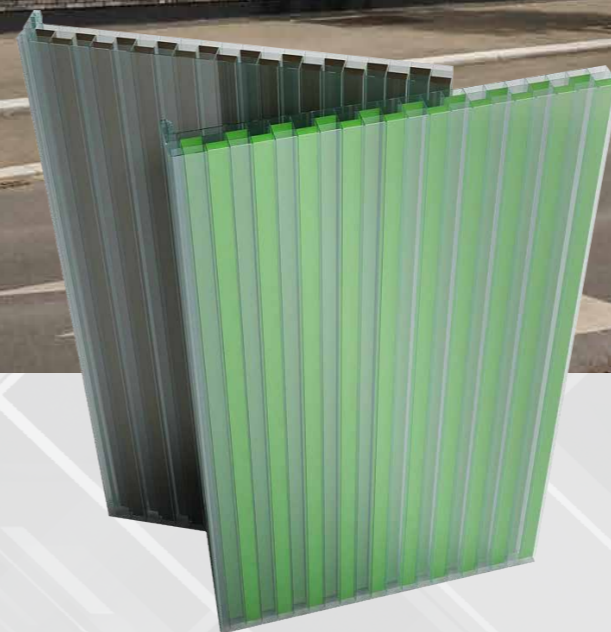
Danpal®
Light Architecture

NORTH AMERICA

DANPALON 3DLITE GLAZING MATERIAL

BALANCE YOUR DAYLIGHTING WHILE GIVING YOUR DESIGN A DYNAMIC LOOK

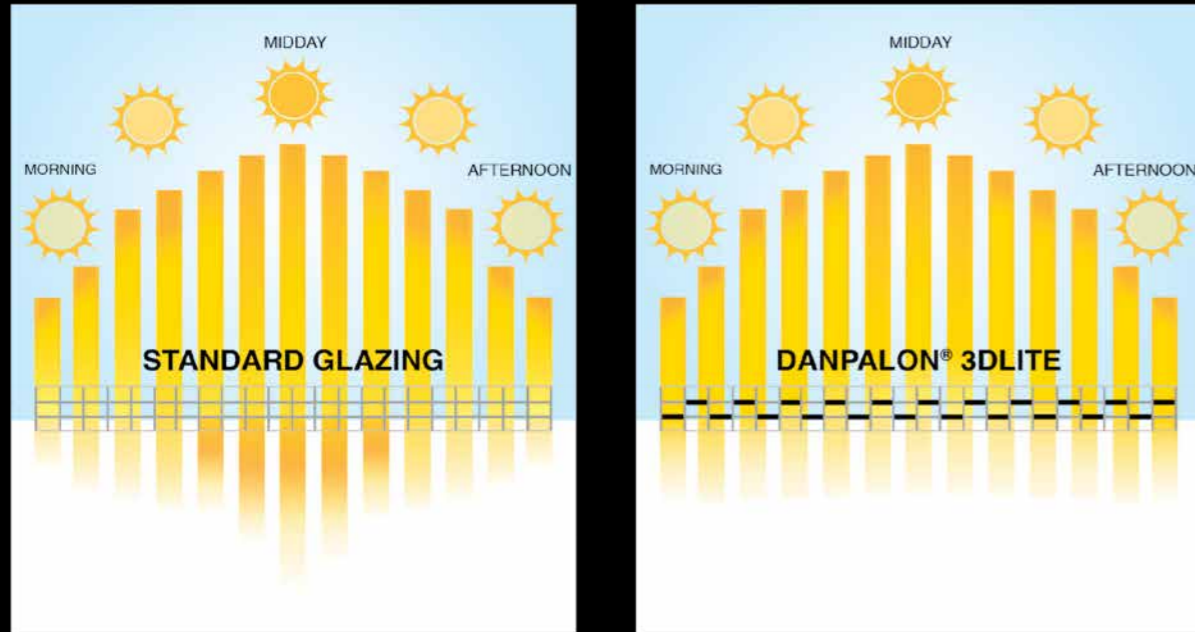
Optimizing natural light in buildings is an ongoing challenge. Danpalon 3DLITE is an advanced, innovative panel, enabling architects to design creatively while contributing to energy savings and increased lighting efficiency.



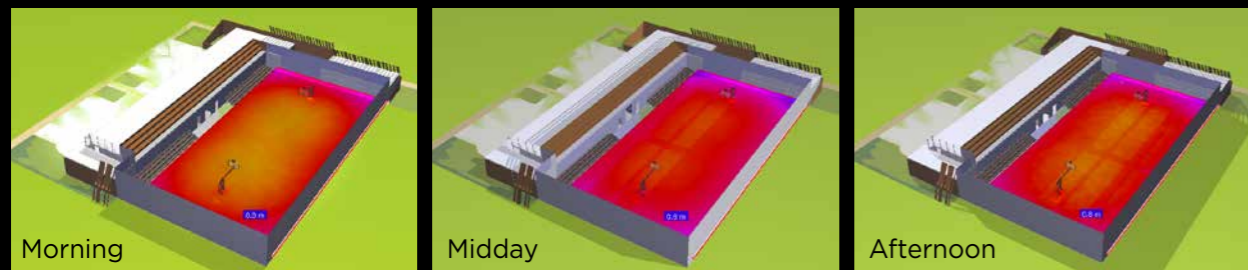
Romain Rolland Gymnasium | Architect: Ligne 7 Architecture | France

OPTIMISE DAYLIGHT FOR COST-EFFECTIVE ROOFING

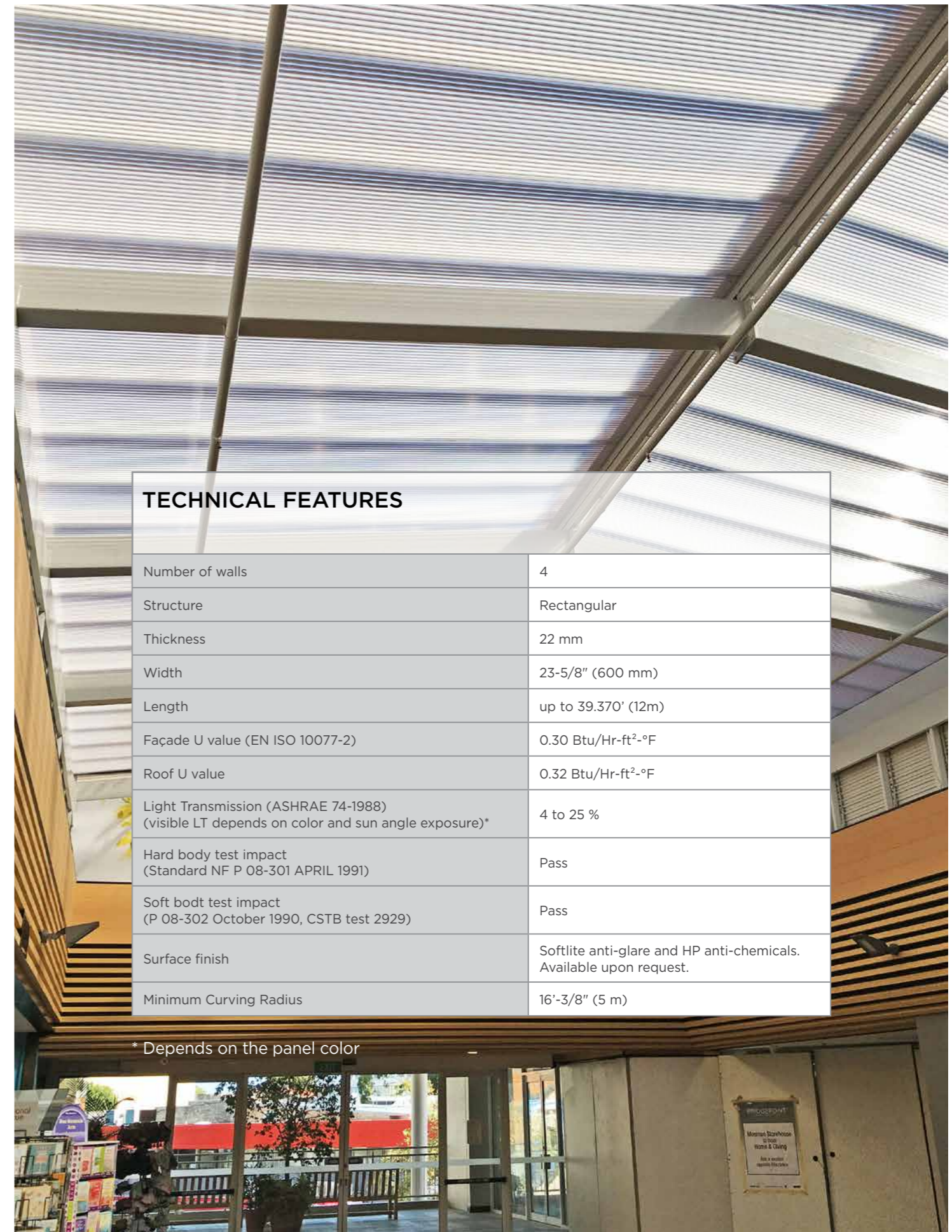
Danpalon 3DLITE allows the sun's rays to penetrate through at higher levels during the morning and afternoon, while reducing heat in the middle of the day. This fixed over, is a cost-effective solution that optimizes daylight from office buildings to stadiums, from shopping malls to museums. All projects can benefit from this dynamic panel.



3DLITE GLAZING MAINTAINS AN EVEN LIGHT LEVEL INTENSITY THROUGHOUT THE DAY



Lightmap simulation of 3DLITE roofing structure



TECHNICAL FEATURES	
Number of walls	4
Structure	Rectangular
Thickness	22 mm
Width	23-5/8" (600 mm)
Length	up to 39.370' (12m)
Façade U value (EN ISO 10077-2)	0.30 Btu/Hr-ft ² -°F
Roof U value	0.32 Btu/Hr-ft ² -°F
Light Transmission (ASHRAE 74-1988) (visible LT depends on color and sun angle exposure)*	4 to 25 %
Hard body test impact (Standard NF P 08-301 APRIL 1991)	Pass
Soft bodt test impact (P 08-302 October 1990, CSTB test 2929)	Pass
Surface finish	Softlite anti-glare and HP anti-chemicals. Available upon request.
Minimum Curving Radius	16'-3/8" (5 m)

* Depends on the panel color

Bridgepoint Shopping Centre | Saunders Global | Australia

* Danpal is engaged in constant innovation. We reserve the right to modify our products, specifications and test data. Contact Danpal Technical Support for the most up to date information.



Aunarte Puebla | Mexico

A NEW DIMENSION FOR INSPIRED FAÇADES

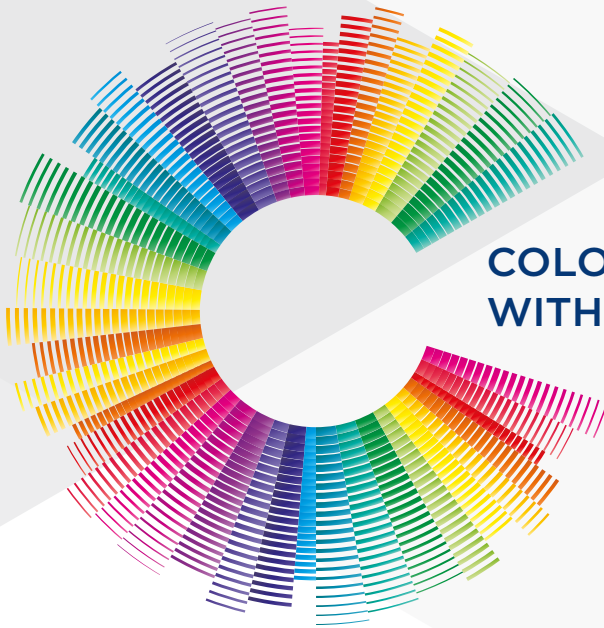
The alternating integrated louvers create a dynamic, three-dimensional look and a unique design. Viewers can selectively see through the louver, bringing intimacy in space.

BENEFITS

- Dynamic light diffusion
- Flexible solution for summer and winter
- Optimises daylight throughout the day
- Wide variety of colors
- Can be used in all of Danpal's system

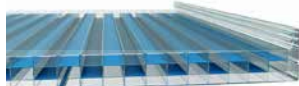


Bridgeway Hotel | Architect: Ashley Halliday | Australia



COLOR YOUR ATMOSPHERE WITH THE DANPAL® PALETTE

We offer unique color combinations, giving the panel a dynamic look. Simply mix and match - the possibilities are endless.



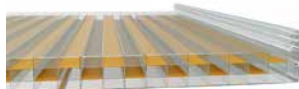
Blue



Lime Green



Green



Orange



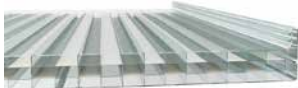
Red



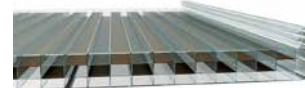
Violet



White



Ivory



Brown



Grey



FAÇADE



CLADDING



SKYLIGHT



OUTDOOR



SHADING



INTERIOR

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