



# Lumira™

Translucent Aerogel



Lumira™ and Duo-Gard: The Perfect Complement for Daylight Savings.

## Why Duo-Gard

We are one of the country's leading innovators in design/build architectural systems for the green building industry.

## By Teaming With Duo-Gard

- Design, engineer & manufacture
- We provide delivery & installation services in all 50 states

See for yourself. Call us for a sample panel at 734-207-9700.

Clear Cellular Polycarbonate Chart with and without Lumira™						
Thickness	Light Transmission		Shading Coefficient		U-Value	
	WITHOUT	WITH	WITHOUT	WITH	WITHOUT	WITH
10mm	80%	72%	0.92	0.81	0.52	0.26
16mm	74%	62%	0.90	0.71	0.40	0.17
25mm	72%	59%	0.82	0.70	0.34	0.11
40mm	59%	40%	0.73	0.53	0.26	0.09

## Benefits

- Design with more daylight
- Increase thermal insulation
- Minimize solar gain/glare
- Downsize HVAC loads
- Achieve R-value 8 per inch
- Add unique aesthetics
- Lower noise levels
- Eliminate moisture



Meditation Room  
Extreme Home Makeover



Cabot



Lumenhaus 2010

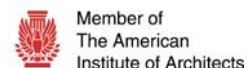
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ART. SCIENCE. POSSIBILITY.



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